01-0541

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

Transmitted Via Overnight Courier

January 31, 2003

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

Re: GE-Pittsfield/Housatonic River Site
East Street Area 2-South (GECD150)
Pre-Design Investigation Report

Dear Mr. Olson:

In accordance with GE's approved *Pre-Design Investigation Work Plan for the East Street Area 2-South Removal Action* (October 2001) and *Addendum to Pre-Design Investigation Work Plan for the East Street Area 2-South Removal Action* (April 2002), enclosed is the *Pre-Design Investigation Report for the East Street Area 2-South Removal Action.* This report summarizes activities performed and results obtained during the pre-design investigation for East Street Area 2-South. In addition, this report presents other data have been obtained and will be incorporated, as appropriate, in future RD/RA evaluations.

For the most part, the results of the recent pre-design activities, including the information obtained from other investigations at this RAA, are sufficient to characterize the soils within East Street Area 2-South, and thus to support future RD/RA activities. However, some additional information is needed to support GE's future technical evaluations and preparation of a Conceptual RD/RA Work Plan. Therefore this report also presents a proposal for the additional pre-design activities identified as necessary to prepare a Conceptual RD/RA Work Plan.

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

Very truly yours,

Andrew T. Silfer/MTH for

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

Enclosure
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REPORT

Pre-Design Investigation Report for the East Street Area 2-South Removal Action

Volume I of III

General Electric Company
Pittsfield, Massachusetts

January 2003

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

TECHNICAL REPORT

Pre-Design Investigation Report for the East Street Area 2-South Removal Action

Volume I of III

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Pittsfield, Massachusetts

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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.

The present document constitutes GE's *Pre-Design Investigation Report for East Street Area 2-South Removal Action* (Pre-Design Report). It summarizes the pre-design soil investigations performed by GE within East Street Area 2–South, as well as related activities conducted by EPA and the Berkshire Gas Company (Berkshire Gas). This report also evaluates the sufficiency of the data obtained from those investigations, in combination with data available from prior soil investigations, to support the development of a Conceptual RD/RA Work Plan for this Removal Action.

The pre-design investigation activities for East Street Area 2-South were performed in accordance with documents entitled *Pre-Design Investigation Work Plan for the East Street Area 2-South Removal Action* (PDI Work Plan) dated October 2001 and *Addendum to Pre-Design Investigation Work Plan for the East Street Area 2-South Removal Action* (PDI Work Plan Addendum) dated April 2002. These documents were conditionally approved by EPA in letters dated March 5, 2002 and May 2, 2002, respectively. The activities described in the PDI Work Plan and PDI Work Plan Addendum (collectively, the PDI Work Plans) were completed by GE between April 22 and October 18, 2002, and resulted in the collection of the majority of the pre-design soil data that will be used for future RD/RA evaluations for this area.

In addition to the pre-design soil data collected under the PDI Work Plans between April 22 and October 18, 2002, other data have been obtained and will be incorporated, as appropriate, in future RD/RA evaluations. These data include the following:

- As described in Section 1.3, a portion of the East Street Area 2-South RAA will be developed as a recreational area for use by the City of Pittsfield. This area -- referred to as the Future City Recreational Area (FCRA) -- is subject to several soil-related Performance Standards in the CD and SOW. Pre-design investigations of this area were performed in advance of the remainder of the investigations of East Street Area 2-South. The results of these investigations were previously submitted to EPA and are included herein because some of those data may affect the evaluation of the remainder of East Street Area 2-South (e.g., samples from depths greater than 3 feet and PCB samples with polygons extending outside the FCRA limits), and otherwise for completeness.

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

- During the performance of the pre-design investigations, EPA representatives were present in the field to provide oversight of GE's sampling activities and to conduct additional investigations at EPA-selected locations. During these activities, EPA representatives collected numerous "split" samples (i.e., soil samples from the same locations and depths being sampled by GE), as well as other soil samples for separate laboratory analyses.

- In addition, during portions of the pre-design investigations, representatives of Berkshire Gas were present to observe sample collection activities. In certain instances, Berkshire Gas representatives collected soil samples for analysis at a Berkshire Gas-selected laboratory. (The quality of these analytical data will need to be reviewed and evaluated prior to their consideration in the RD/RA evaluations, as noted in Section 2.5.)

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 2,900 analyses of soil samples collected from approximately 390 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 three additional constituents -- benzidine, 2-chloroethylvinyl ether, and 1,2-diphenylhydrazine (Appendix IX+3).

1.2 Format of Document

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 to achieve the soil-related Performance Standards for the East Street Area 2-South RAA; and (2) whether there is any additional information needed prior to the preparation of the Conceptual RD/RA Work Plan. For the most part, the results of the recent pre-design activities, including the information obtained from other investigations at this RAA, are sufficient to characterize the soils within East Street Area 2-South, and thus support future RD/RA activities. However, some additional information is needed to support GE's future technical evaluations and preparation of a Conceptual RD/RA Work Plan. For example, certain supplemental soil sampling has been identified as necessary and is proposed herein. In addition, although detailed site mapping (depicting the structures, surface cover types, topography, and sample locations) is available for much of the East Street Area 2-South, such mapping will need to be prepared for other areas of this RAA.

The remainder of this section provides a brief description of the East Street Area 2-South RAA. Section 2 describes the pre-design investigations conducted by GE, provides an overview of the available soil data from this area, and presents an assessment of remaining soil-related data needs. Section 3 presents a proposal for the additional pre-design activities identified as necessary to prepare a Conceptual RD/RA Work Plan. That section also presents a proposed schedule for those additional pre-design activities.

Note that the pre-design activities summarized in this report pertain to soils only. East Street Area 2-South is one of several RAAs that have been combined to form the Plant Site 1 Groundwater Management Area (GMA 1) for purposes of groundwater quality monitoring and non-aqueous phase liquid (NAPL) monitoring/recovery. GE currently operates a number of groundwater/NAPL recovery wells and a groundwater treatment facility within the central to eastern portion of East Street Area 2-South, 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 2-South RAA

East Street Area 2-South occupies an area of approximately 50 acres and is generally located in the western portion of the GE facility. As shown on Figure 1, this GE-owned industrial area is generally bounded by East Street to the north, Newell Street to the east, the Housatonic River to the south, and Lyman Street Area to the west. The western portion of this RAA is composed mainly of the 60s Complex and is otherwise mostly paved. The eastern portion of the site contains a former Housatonic River oxbow that was formed when the river meandered through this area. This area is currently characterized as mostly open areas, with a small wooded area located south of the former oxbow.

RD/RA evaluations of East Street Area 2-South will be performed for five separate averaging areas within this RAA, which are identified on Figure 1. A general description of each area and a summary of pre-design soil investigations specific to each area are provided below.

200-Foot-Wide Riparian Removal Zone (200-Foot RRZ) (Averaging Area 4E):

This area consists of a strip of land approximately 200 feet wide by approximately 1,400 feet long located along the southern edge of the western-half of East Street Area 2-South, adjacent to the Housatonic River. The Performance Standards established in the CD and SOW for the 200-Foot RRZ require the removal of existing buildings/structures, concrete/asphalt/gravel surfaces, and underlying soils (as needed) to a total depth of 1 foot, followed by the installation of a 1-foot-thick vegetative engineered barrier, except that installation of the vegetative engineered barrier is not required where the recreational cleanup standards are met (i.e., where the spatial average PCB concentrations do not exceed 10 ppm in the top foot, 15 ppm in the 1- to 3-foot depth increment, and 100 ppm in the top 15 feet). The Performance Standards also require the planting of vegetation and placement of certain habitat enhancement items as part of natural resource restoration/enhancement activities. During preparation of the PDI Work Plans, and based on a preliminary review of the available soils data, GE determined that installation of a vegetative engineered barrier will be needed in the portion of the 200-Foot RRZ located between the former Thermal Oxidizer and the Building 68 Area. For this particular area, although the SOW does not specify any soil sampling requirements, EPA required GE to characterize existing soils (using either existing data or through collection of pre-design samples) on a 100-foot grid.

For those portions of the 200-Foot RRZ where a vegetative engineered barrier may not be needed, the SOW requires sampling on a 50-foot grid for the uppermost 1 foot of soil that remains after removal of existing pavement and building floor slabs, and on a 100-foot sampling grid for the following depth increments (again after removal of existing pavement and floor slabs): 1 to 3 feet, 3 to 6 feet, and 6 to 15 feet.

As described in the PDI Work Plans, it was considered impractical to collect all of the potentially required soil samples from certain portions of the 200-Foot RRZ. Specifically, since several of the required grid sampling nodes within the 200-Foot RRZ fall within the footprint of existing buildings and since these buildings are not scheduled for demolition at any time in the near future, it would have been difficult to perform the required pre-design investigations because of access limitations. As a result, GE proposed, and EPA approved, a modified, iterative scope of sampling involving the initial performance of soil sampling at the 100-foot grid nodes within the footprint of the existing buildings. If the resulting data indicated that a vegetative engineered barrier is needed in such area(s), then no additional soil sampling would be necessary. However, if the data indicated that such a barrier may not be needed, GE would then complete the required surface soil sampling in such area(s) on a 50-foot grid pattern. Section 2.4 and the associated tables include a summary of the available soil information for this area, and Section 2.6 includes an assessment of the need for additional pre-design investigations in this area.

60s Complex (Averaging Area 4A):

This area, located in the western portion of East Street Area 2-South, consists of the portion of the 60s Building Complex north of the 200-Foot RRZ. The pre-design soil investigations performed in this area were consistent with the requirements in the SOW related to paved and unpaved areas within the GE Plant Area.

200-Foot-Wide Industrial Averaging Strip (Averaging Area 4D):

This area consists of a strip of land approximately 200 feet wide by approximately 1,100 feet long located along the southern edge of the eastern-half of East Street Area 2-South, adjacent to the Housatonic River. This strip is considered to be in industrial use, but will most likely remain in a grassy/vegetative condition, and GE is required by the SOW to place certain habitat enhancement items within this strip. As summarized in Section 2.2, the pre-design activities performed in this area were consistent with the SOW requirements.

Former Gas Plant/Scrap Yard Area (Averaging Area 4B):

This area consists of the remainder of the central and eastern portions of East Street Area 2-South north of the 200-Foot RRZ and the 200-Foot-Wide Industrial Averaging Strip, except for the FCRA. This area contains the former Scrap Yard Area, the former oxbow area, and the area of Berkshire Gas's former manufactured gas plant and associated facilities. As summarized in Section 2.2, the pre-design soil investigations performed in this area were consistent with the requirements in the SOW related to paved and unpaved areas within the GE Plant Area.

Future City Recreational Area (Average Area 4C):

Separate from the CD, GE entered into a Definitive Economic Development Agreement (DEDA) with the City of Pittsfield and the Pittsfield Economic Development Authority (PEDA), effective upon entry of the CD. As part of the DEDA, GE agreed to construct (and lease to the City) a youth athletic field (i.e., the FCRA) in the northeastern corner of East Street Area 2-South. The location of the approximately 4-acre FCRA is shown on Figure 1. The Performance Standards established in the CD and SOW for the FCRA require the installation of a 1-foot-thick (minimum) soil cover over the surface of the FCRA, the achievement of a 15 ppm cleanup level for PCBs in the next 2 feet of soil, and an evaluation of non-PCB constituents in that 2-foot depth increment consistent with the procedures specified in the SOW. The response actions for soils present at greater depths are to be determined as part of response actions for the remainder of East Street Area 2-South and specifically the Former Gas Plant/Scrap Yard Area (Averaging Area 4B).

GE conducted pre-design soil investigations for the FCRA between January 17 and February 1, 2001, pursuant to the *Pre-Design Investigation Work Plan for Portion of East Street Area 2-South Removal Action - Future City Recreational Area* (FCRA PDI Work Plan) dated November 2000. The results of these investigations, set forth in the *Pre-Design Investigation Report for Portion of East Street Area 2–South: Future City Recreational Area* (FCRA Pre-Design Report), dated April 2001, were used to prepare the *Removal Design/Removal Action Work Plan for the Future City Recreational Area* (FCRA RD/RA Work Plan), which was submitted to EPA in December 2001. As part of these investigations, GE also collected several of the pre-design soil samples required for the remainder of East Street Area 2-South that were located in close proximity to the FCRA (i.e., adjacent to or beneath the area).

At the time when the FCRA RD/RA Work Plan was submitted to EPA, several open issues remained to be resolved and certain activities were yet to be performed. Certain of the remaining activities related to the implementation of construction activities, while other activities related to the final configuration of the ballfield area and related appurtenances. The current design of the FCRA calls for the installation of a gravel access road between a parking area located within the footprint of the FCRA and a point of access along Newell Street. As designed, a portion of the anticipated access road will be located outside of the FCRA and within the remainder (Averaging Area 4B) of East Street Area 2-South.

Based on discussions with EPA, it was determined that, since the access road will not be part of the ballfield area, installation of a 1-foot soil cover is not necessary in the area of the access road. At the same time, based on the anticipated recreational use of the access road, the commercial/industrial Performance Standards that would otherwise

be applicable to this portion of East Street Area 2-South would not apply to the top 3 feet of soil in the access road area. In view of these circumstances, GE and EPA have agreed that the uppermost 3 feet of soil within the access road area will be subject to the Performance Standards for that depth increment at other GE-owned recreational areas within the CD Site (e.g., those set forth in Paragraphs 25.d(iv) and 26.b(i) of the CD). For PCBs, these Performance Standards require soil removal and replacement as necessary to achieve spatial average PCB concentrations of 10 ppm in the 0- to 1-foot depth increment and 15 ppm in the 1- to 3-foot depth increment. For other Appendix IX+3 constituents, the applicable Performance Standards for the uppermost 3 feet of soil will be those set forth in the SOW for recreational areas. For purposes of these evaluations, the uppermost 3 feet of soil in the access road area will be considered a separate averaging area. It was also agreed that the area associated with the access road, as generally shown on Figures 2 through 8, will be demarcated through the installation of fencing to separate it from the remainder of East Street Area 2-South.

Finally, it was agreed that soils present at depths greater than 3 feet in the access road area will continue to be addressed as part of the rest of East Street Area 2-South. Any response actions for depths greater than 3 feet will be determined as part of the evaluations conducted for the overall East Street Area 2-South averaging area within which the access road will be located (i.e., Averaging Area 4B--the Former Gas Plant/Scrap Yard Area), and will take into account the anticipated performance of any response actions for the uppermost 3 feet of soil within the access road area.

Based on the above requirements, additional pre-design soil sampling was performed in the access road area in January 2002. The scope of that sampling incorporated the pre-design investigations previously identified for this area of East Street Area 2-South. In addition, the pre-design investigations for this particular area were expanded to include additional PCB soil sampling consistent with the requirements established in the CD and SOW for recreational areas (i.e., the collection of soil samples from the uppermost foot within a 50-foot grid) and to include additional soil sampling and analysis for Appendix IX+3 constituents (due to an increase in the number of PCB samples to be collected from within the access road area).

The results of the additional soil investigations described above, the evaluation of these data with respect to potential soil-related response actions in the access road area, and additional information concerning the design and configuration of the FCRA will be presented to EPA in an Addendum to the FCRA RD/RA Work Plan, which is due to EPA on April 30, 2003.

2. Summary of Pre-Design Investigations

2.1 General

As discussed in Section 1 of this Pre-Design Report, the data that will be used to support future RD/RA evaluations of soils within East Street Area 2-South will be derived from a number of different sources and sampling activities. The majority of the data was obtained by GE as part of the pre-design investigations conducted between January 17, 2001 and October 18, 2002 in accordance with the PDI Work Plans and the FCRA PDI Work Plan. These investigations were performed on behalf of GE by Blasland, Bouck & Lee (BBL), while analytical services were provided by CT&E Environmental Services, Inc. During the performance of these activities, Weston Solutions, Inc. (Weston) performed oversight activities on behalf of EPA, including collection and analysis of split samples and additional samples at certain locations identified by EPA. In addition, soil samples were also provided to ENSR International, representing Berkshire Gas, for select analyses by META Environmental, Inc. (META). In total, the pre-design soil sampling effort (including the combined efforts of GE, EPA, and Berkshire Gas) involved the collection and analysis of more than 700 soil samples from 230 locations. Each sample location was surveyed to obtain coordinates consistent with GE's plant survey datum. Figure 2 identifies the sample locations, including the locations of usable historical soil samples, as well as samples collected and analyzed by GE, EPA, and Berkshire Gas during the pre-design investigation.

2.2 Summary of Pre-Design Sampling and Analysis Activities

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

Soil samples collected by GE for PCB analysis during the pre-design 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 and ENSR for additional analyses on behalf of EPA and Berkshire Gas, respectively.

2.3 Modifications to Pre-Design Sampling and Analysis Activities

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

- The following 29 soil borings were shifted slightly from the locations presented in the PDI Work Plans due to equipment refusal (i.e., subsurface obstructions encountered during drilling) or access restrictions at the proposed location (e.g., presence of subsurface utilities):

Soil Boring	Distance & Direction Moved
RAA4-A33	5 feet west & 2 feet south
RAA4-B34	30 feet north
RAA4-C29	25 feet west
RAA4-C31	5 feet east
RAA4-D19	7 feet south
RAA4-D31	25 feet east
RAA4-E23	10 feet south
RAA4-E31	10 feet south
RAA4-F27	4 feet south
RAA4-F43	23 feet north
RAA4-G14	44 feet east
RAA4-G27	5 feet west
RAA4-H03	2 feet northwest
RAA4-H17	5 feet east
RAA4-I27	10 feet north

Soil Boring	Distance & Direction Moved
RAA4-K03	4 feet east
RAA4-K25	5 feet west
RAA4-K27	15 feet north
RAA4-K28	10 feet south
RAA4-M05	5 feet west
RAA4-M08	5 feet north
RAA4-M15	16 feet west
RAA4-M21	2 feet west
RAA4-N15	10 feet south
RAA4-N16	10 feet north
RAA4-O03	2 feet east
RAA4-O05	17 feet east & 5 feet north
RAA4-P03	16 feet east
RAA4-P06	10 feet north

- Soil borings RAA4-B33 and RAA4-E25 encountered refusal prior to obtaining soil samples from the 6- to 15-foot depth interval. Therefore, the proposed sampling and analysis for Appendix IX+3 constituents at these locations/depths were not conducted.

- An additional soil sample from soil boring RAA4-H27 was collected from the 0- to 1-foot depth interval and analyzed for PCBs and VOCs. At this location, only the 1- to 6-foot depth interval was proposed for Appendix IX+3 sampling. The 0- to 1-foot soil sample was collected after initial attempts to install the deeper boring encountered refusal at 3 feet. However, a later attempt to collect the 1- to 6-foot sample using a different drill rig was successful.

- Soil samples collected from the 0- to 1-foot depth interval at borings RAA4-E23, RAA4-I11S, and RAA4-M17 were not submitted for analyses of Appendix IX+3 constituents as proposed (the photoionization detector [PID] headspace readings were less than 1.0 ppm PID units at these locations). Instead, based on field observations (discussed below), several alternate soil samples were added for Appendix IX+3 analyses at other locations.

- The following additional soil samples were collected by GE for analysis of PCBs and/or certain Appendix IX+3 constituents -- based on field observations or elevated PID screening results -- as substitute locations/depths for samples that were proposed but could not be collected or were not analyzed (as described above).

Boring Location	Depth Interval	Analyses
RAA4-I5	0 to 1 foot	Appendix IX+3 (excluding pesticides/herbicides)
RAA4-I21	0 to 1 foot	Appendix IX+3 (excluding pesticides/herbicides)
RAA4-H24	0 to 1 foot	PCBs
RAA4-D29	6 to 15 feet	VOCs
RAA4-E27	6 to 15 feet	VOCs and SVOCs
RAA4-E35	6 to 15 feet	VOCs and SVOCs
RAA4-K29	6 to 15 feet	VOCs and SVOCs
RAA4-I19	6 to 15 feet	SVOCs
RAA4-I25	6 to 15 feet	VOCs

None of the EPA-approved modifications identified above significantly affect the overall characterization of the soils within East Street Area 2-South. Although samples from some of the proposed pre-design locations could not be collected, GE did identify and collect alternate and/or additional sample locations at the appropriate depth increments, such that the amount of soil data available to characterize existing soils did not vary to any great extent. In addition, the sampling data resulting from the separately performed EPA sampling and analyses, as well as split sampling data

collected by EPA and Berkshire Gas, further expand the available data set from which RD/RA evaluations will be conducted.

During the pre-design investigations, soil samples from borings RAA4-E23, RAA4-E31, RAA4-G21, RAA4-I19, RAA4-I23, and RAA4-K23 indicated the presence of NAPL within certain soil samples, while a sheen was noted on the pore water of saturated soil samples at borings RAA4-E33, RAA4-E35, RAA4-H24, RAA4-K29, and RAA4-O15. As required by Technical Attachment D to the SOW (Protocols for Additional Soil Investigations), for any soil samples in which NAPL was encountered as part of soil characterization activities, GE has assessed the need for the installation of a monitoring well. At each of the soil borings where NAPL was observed, the sampling location is within or near a known area of NAPL occurrence that is currently being addressed under GE's ongoing NAPL monitoring and recovery activities. However, this information will be incorporated into the ongoing NAPL-related evaluations and reports described in Section 1.2. Any future well installations or changes to the current NAPL monitoring/recovery activities will be proposed in reports submitted by GE under its GMA 1 NAPL monitoring program.

2.4 Summary of Available Soil Data

For East Street Area 2-South, the soil data available to support future technical evaluations and the preparation of a Conceptual RD/RA Work Plan include the results of GE's recent pre-design investigations, as well as data available from prior investigations, the data collected by EPA, and potentially the data obtained by Berkshire Gas. The following table summarizes the current data set (not including QA/QC analyses, with the exception of field duplicate soil samples) for several constituent groups:

Analytical Parameter	GE Pre-Design Analyses[1]	EPA Pre-Design Analyses	Berkshire Gas Pre-Design Analyses	Historical Soil Analyses	Total Soil Analyses
PCBs	565	253	0	579	1,397
VOCs	184	49	30	110	373
SVOCs	184	112	34	94	424
Pesticides/Herbicides	0	24	0	52	76
PCDDs/PCDFs	205	36	0	38	279
Inorganics	174	111	0	93	378

[1] Includes data from FCRA Pre-Design Report.

The locations from which these soil samples were collected are shown, by relevant depth increment, on Figures 3 through 8. Specifically, Figures 3 and 4 show the locations of the 0- to 1-foot soil samples for PCBs and other Appendix IX+3 constituents, respectively (excluding the samples from within the FCRA); Figures 5 and 6 show the locations of the samples from the 1- to 6-foot depth increment for PCBs and other Appendix IX+3 constituents, respectively; and Figures 7 and 8 show the locations of the samples from the 6- to 15-foot depth increment for PCBs and other Appendix IX+3 constituents, respectively. (Note that Figures 3 and 5 also show the utility bands that are discussed further in Section 2.6.)

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 (including the investigations conducted under the FCRA PDI Work Plan) 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+3 constituents, respectively, for the samples analyzed by EPA. These results include the data from samples that were split with GE and samples from other separate locations (e.g., soil borings 60-1 through 60-5). Finally, the analytical results for soil samples collected by Berkshire Gas are provided in Tables 7 and 8. All of these tables that present Appendix IX+3 data summarize the results for constituents that were detected in one or more sample during the respective investigations. A complete listing of the Appendix IX+3 laboratory results is included in Appendix B. All the data provided in these eight tables have been utilized to evaluate the need for additional soil sampling prior to conducting RD/RA activities for East Street Area 2-South.

2.5 Data Quality Assessment

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

All of the GE pre-design soil analytical data have undergone data review validation in accordance with Section 7.5 of the FSP/QAPP. The results of this assessment for the most recent pre-design samples are summarized in Appendix C, while Appendix B of the FCRA Pre-Design Report and Appendix A of the FCRA RD/RA Work Plan present the data validation summaries previously prepared for soils collected within and beneath the FCRA. As discussed in the data

validation report presented in Appendix C, 99.8% of the recent 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 VOCs, PCBs, and inorganic constituents were found to be usable, while 98.6% of the SVOC results and 99.9% of the results for polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) were of acceptable quality.

The rejected sample data from these investigations included the analytical results for 97 individual SVOCs from sample location RAA4-H33 (0- to 1-foot depth increment), 102 individual SVOCs from sample location RAA4-K27 (1 to 3 feet), 17 individual SVOCs from sample location RAA4-Q8 (0 to 1 foot) and 17 individual SVOCs from sample location RAA4-O7 (0 to 1 foot) due to low surrogate standard recoveries. These samples were re-extracted by the laboratory and matrix interferences were demonstrated. The rejected sample data also included the analytical results for a single PCDF (1,2,3,4,7,8,9-HpCDF) at two sample locations (RAA4-M29 and RAA4-Q6, each from the 1- to 3-foot depth increment) due to deviant laboratory cleanup standard. These limited rejections of certain individual SVOC and PCDF results do not affect the overall usability of the pre-design investigation data set to characterize these constituents at East Street Area 2-South because, in each case, sufficient usable SVOC or PCDD/PCDF data exist from other, nearby sample locations to characterize these constituents in the areas involved. Thus, the overall pre-design soil data set meets the data quality objectives set forth in the PDI Work Plans and the FSP/QAPP.

As indicated in the PDI Work Plans, the historical soil data were previously reviewed for overall quality, based on the accompanying laboratory documentation (where available). That data review resulted in the designation of some data as usable both to satisfy pre-design investigation requirements and for future RD/RA evaluations, other data as supplemental data for use in RD/RA evaluations, and other data as rejected or eliminated. The data presented in this report consist of the data in the first two of these categories. Based on the reviews in the PDI Work Plans, these data were found to be of acceptable quality for use in satisfying RD/RA requirements for the response actions for East Street Area 2-South (except for certain "supplemental" Appendix IX+3 that the PDI Work Plans indicated would be re-evaluated in the Conceptual RD/RA Work Plan after the PCB-related response actions have been defined).

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

The summary data package received by GE containing analytical results for soil samples collected between April 25, 2002 and June 5, 2002 and analyzed by Berkshire Gas cannot be validated at the present time. Those data packages indicate that laboratory-modified analytical methods were utilized for the preparation and analyses of these soil samples. Specifically, the soil samples analyzed for select volatile organic compounds (VOCs) were prepared by Soxhlet extraction using dichloromethane (DCM) (EPA Method 3540) and analyzed using a combination of EPA Methods 8260 and 8270, as modified by the laboratory (META). In addition, some soil samples collected by Berkshire Gas were analyzed for SVOCs using the same combination method (8260/8270) mentioned above and others were analyzed by EPA Method 8270, as modified by the laboratory. These methods differ from those set forth in GE's FSP/QAPP, as approved by EPA. To determine if the results of these sample analyses can be used in future RD/RA evaluations at East Street Area 2-South, the quality of the data and the laboratory's modifications of the analytical methods need to be reviewed. To complete this review, Standard Operating Procedures (SOPs) for the methods used by META and a full CLP-like data package are necessary. GE has requested this information from Berkshire Gas and will perform a data quality review upon receipt. The results of this data quality review will be included in the Supplement to this Pre-Design Report, which is discussed in Section 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 thus support the preparation of a Conceptual RD/RA Work Plan for East Street Area 2-South. Based on completion of the pre-design activities, the available soil characterization data are, for the most part, sufficient to support the necessary evaluations for this RAA, including an assessment of current soil conditions and the need for, type of, and scope of response actions to achieve the applicable Performance Standards. Although minor modifications to the scope of sampling specified in the PDI Work Plans were implemented during the field activities, none of the modifications (described in Section 2.3) affected the overall characterization of soils within this RAA that was gained from the remaining sampling data. Nevertheless, GE has identified a number of data needs to support future RD/RA evaluations and allow preparation of the Conceptual

RD/RA Work Plan. These data needs are described below, and proposals to satisfy these data needs are provided in Section 3.2.

200-Foot RRZ:

As discussed in Section 1.3, GE proposed, and EPA approved, an iterative sampling approach for the portions of the 200-Foot RRZ covered by existing buildings. Given this approach, GE has conducted a preliminary evaluation of the existing data within the 200-Foot RRZ to determine whether a vegetative engineered barrier will be necessary for the portions of that RRZ covered by the buildings. The results of this evaluation indicate that, in a portion of the 200-Foot RRZ that includes Buildings 61, 62, and 63, PCB levels in soil may achieve the applicable Performance Standards or can meet the applicable standards through response actions other than a vegetative engineered barrier, such as limited soil removal to bring the PCB levels to below the levels specified in the Performance Standards. This area consists of a portion of the 200-Foot RRZ located beneath and between Buildings 61, 62, and 63, extending from the eastern edge of Building 63 to the downstream boundary of the RAA, as shown on Figures 2 through 8. As a result, consistent with the approach presented in the PDI Work Plans, GE will collect additional surface (0 to 1 foot) soil samples in this portion of the 200-Foot RRZ at the 50-foot grid nodes that are located within the buildings and were not previously sampled. Section 3.2 describes the proposed supplemental investigations for this area.

Utility Bands:

In its May 2, 2002 conditional approval letter for the PDI Work Plans, EPA required GE to further assess the existing soil data and pre-design sample locations with respect to their characterization of soils in proximity to existing subsurface utilities that are subject to emergency repair. The required assessment has been performed by GE consistent with the approach used at other RAAs within the Site and with the utility-related PCB Performance Standard for the GE Plant Area, as well as in consideration of the current and planned future uses of the East Street Area 2-South RAA. A summary of the assessment is provided below.

Initially, GE identified the types and locations of several subsurface utilities that are present within East Street Area 2-South, including active stormwater, sanitary sewer, potable water, and electrical utilities. However, before assessing the available soil data and their sufficiency to characterize soils within each of the corresponding utility bands, GE considered the future site conditions at East Street Area 2-South, and specifically the planned demolition of the buildings in the 60s Complex and the related activities, including abandonment of utilities. After taking into account these future site conditions, a further assessment was conducted of those utilities that will remain -- which are

primarily associated with GE's active groundwater, stormwater, and NAPL programs (i.e., Buildings 64, 64G, 64T, several oil/water separators, and several NAPL recovery systems). The assessment considered the availability of PCB soil data to satisfy the following criteria: Soils associated with a given utility corridor are considered to be sufficiently characterized for RD/RA purposes if PCB data are available within a 50-foot band centered along the utility line, at linear intervals of approximately 100 to 150 feet along the utility and to a depth of 6 feet below the ground surface. The 50-foot-wide utility bands for the utilities that will remain after the planned demolition of the buildings in the 60s Complex (and the related abandonment of associated utilities) and that are subject to future emergency repairs are shown on Figures 3, 5, and 9. Using the above criteria, portions of the following utilities were identified for additional PCB soil characterization:

Utility	Location
Electrical	Associated with a service to Building 64; Associated with a service from Building 64 to Building 64T Associated with a service between Buildings 61R & 64W.
Municipal Water Main	Associated with service to Building 64.
Sanitary Sewer	Associated with Trunk Main traversing from the north side of East Street along the western side of Building 61 and continuing under the Housatonic River.
Storm Sewer	Trunk Lines associated with routing water from the north side of East Street through the site to the Housatonic River. Laterals associated with collecting storm water runoff from East Street Area 2-South. Trunk Lines associated with routing water to the oil separator.
Water Mains – Fire Protection	Associated with a service to a fire hydrant located southwest of Building 64.

As presented in Section 3.2, GE has identified 25 additional locations for PCB soil sampling and analysis in order to further characterize soils within utility bands.

Areas Near RAA Boundary:

At soil borings RAA4-H3 and RAA4-I3 (located west of Building 61), PCBs were detected at 50 ppm and 6.5 ppm in the respective surface soil samples (i.e., 0- to 1-foot depth increment). These borings are located approximately 15 to 20 feet east of the East Street Area 2-South RAA boundary in this area. Since no other sampling data are available to the west of these locations, and no other RAA is located to the west of East Street Area 2-South in this area, additional sampling and analysis for PCBs are necessary to delineate the horizontal extent of PCBs to the west of

these locations. To fill this data need, as described in Section 3.2, additional surface (0- to 1-foot) soil samples will be collected for PCB analysis at locations approximately 10 feet west of existing boring locations RAA4-H3 and RAA4-I3 within the boundary of East Street Area 2-South. Subsurface soil samples are not necessary at these locations since the PCB concentrations in the subsurface samples from borings RAA4-H3 and RAA4-I3 were low (non-detect to 2.5 ppm). However, if the additional surface samples from these locations show elevated PCB concentrations, further sampling and analysis will be proposed to define the horizontal and vertical extent of those elevated PCB concentrations.

A third sampling location (RAA4-O1) located adjacent to the western boundary of this RAA (northwest of Building 62) also exhibited PCB concentrations greater than 2 ppm in the surface soil sample. However, since this portion of the RAA abuts the Lyman Street Area RAA, no further PCB delineation sampling is proposed.

3. Future Activities and Schedule

3.1 General

As discussed in Section 2.6, some additional data needs have been identified that need to be addressed prior to the development of the Conceptual RD/RA Work Plan for the East Street Area 2-South. The additional pre-design soil sampling activities that are proposed to satisfy those data needs are described in Section 3.2. Other remaining pre-design activities are presented in Section 3.3. Finally, Section 3.4 presents the proposed schedule for future activities and summarizes the anticipated contents of the Conceptual RD/RA Work Plan.

3.2 Supplemental Pre-Design Soil Investigations

Section 2.6 identifies the need for additional surface soil sampling and analysis for PCBs in a portion of the 200-Foot Wide RRZ located within and between Buildings 61, 62, and 63 where a vegetative engineered barrier may not be necessary. For this area, GE proposes to collect surface soil samples (0- to 1-foot depth) at the 50-foot grid node locations that were not previously sampled. A total of 26 surface soil samples will be collected and analyzed for PCBs, and eight of those samples will also be analyzed for Appendix IX+3 constituents. Table 9 lists the locations at which these soil samples will be collected and Figure 9 depicts those locations.

As also discussed in Section 2.6, GE has conducted an evaluation of future subsurface utilities at this RAA and has identified the need for additional PCB soil sampling and analysis to characterize the soils within the corresponding utility bands. To satisfy this data need, GE proposes to advance 25 soil borings and collect soil samples at depth intervals consistent with the SOW requirements (e.g., 0 to 1 foot, 1 to 6 feet). Table 9 lists the locations at which these soil borings will be advanced and the sampling depth intervals and Figure 9 depicts those locations.

In addition, as noted in Section 2.6, additional surface soil samples need to be collected to the west of soil borings RAA4-H3 and RAA4-I3 to determine if PCBs are present to the west of these two locations. To satisfy this data need, GE proposes to collect two soil samples approximately 10 feet west of borings RAA4-H3 and RAA4-I3. Soil samples will be only be collected from the surface interval (0 to 1 foot) since this is the only interval within each of the two prior borings that exhibited elevated PCB results. Table 9 lists the locations at which these soil samples will be collected and Figure 9 depicts those locations.

All of these sampling and analysis activities will be conducted in accordance with the procedures set forth in GE's approved FSP/QAPP. The results of these investigations will be presented in a Supplement to this Pre-Design Report on the schedule described in Section 3.4.

3.3 Additional Pre-Design Activities

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

Portions of the available site mapping for East Street Area 2-South are not sufficient to support the type of detailed RD/RA evaluations that will be performed by GE. The current mapping, as depicted on Figures 2 through 8 in this report, was primarily generated from aerial photogrammetry mapping conducted in 1990. Although this mapping is useful for identifying prominent features within this RAA (e.g., buildings, roadways, surface water features, etc.) and the approximate locations of the soil sampling locations (as shown on Figure 2), additional detailed site mapping is required to support the development of spatial average PCB concentrations and other RD/RA actions. Recent surveys of the 60s Complex and FCRA have been completed by GE, in addition to survey data that exist for areas along the Housatonic River. GE will review these surveys to identify where additional surveys will be required to adequately cover the remainder of this RAA, and such surveys will be performed where necessary. GE will then proceed with developing an overall detailed site map for East Street Area 2–South that will include the following information:

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

The mapping will be prepared by a licensed Land Surveyor and will be consistent and compatible with the plant survey datum currently in place for the GE Pittsfield, Massachusetts facility. Once the site mapping is completed, GE will be able to proceed with the RD/RA evaluations.

In addition, as discussed in Section 2.5, GE has not received sufficient information from the laboratory that analyzed the soil samples collected by Berkshire Gas to determine whether those data are usable in future RD/RA evaluations at East Street Area 2-South. Upon receipt of additional documentation concerning those analyses, GE will perform a data quality review. The results of that review will be included in the Supplement to this Pre-Design Report.

As a separate matter, during the development of the Conceptual RD/RA Work Plan, the RD/RA evaluations may indicate that soil removal is necessary to achieve the applicable soil-related Performance Standards. Under the CD and SOW, GE has several options available for the disposition of removed materials. To further assess these options and develop the Conceptual RD/RA Work Plan, GE may collect additional soil samples for characterization purposes, specifically to identify whether the subject material(s) are potentially classified as hazardous waste pursuant to EPA's regulations under the Resource Conservation and Recovery Act (RCRA) set forth in 40 CFR 264. If such sampling is identified, GE will follow the procedures established in its *Waste Characterization Plan*, which is a component of the *Project Operations Plan*.

3.4 Schedule for Future Activities

GE proposes to conduct the supplemental soil investigations described in Section 3.2 and submit a Supplement to this Pre-Design Report within 115 days from receipt of EPA approval of this Pre-Design Report. This schedule assumes that no major weather-related delays are encountered and that no significant additional data needs are identified based on comments from EPA or otherwise. 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 Supplement.

The Supplement to this Pre-Design Report will include a proposed schedule for submitting the Conceptual RD/RA Work Plan for the East Street Area-2 South Removal Action. The contents of the Conceptual RD/RA Work Plan will be consistent with Section 3.3 of the SOW and address the following topics:

- Results of the pre-design studies/investigations;

- An evaluation of the areas and depths subject to response actions to meet the PCB-related Performance Standards set forth in the CD and the SOW;

- An 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 2-SOUTH 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
Averaging Area 4A										
RAA4-E15	0-1	6/7/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.16	0.42	0.58
	1-6	6/7/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.027 J	0.027 J
	6-15	6/7/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA4-G5	0-1	6/11/2002	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	0.59	0.64	1.23
	1-6	6/11/2002	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	3.2	1.3	4.5
	6-15	6/11/2002	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
RAA4-G7	0-1	7/2/2002	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	3.8	ND(0.42)	3.8
	1-6	7/2/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	7/2/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA4-G11	0-1	6/28/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.17	0.15	0.32
	1-6	6/28/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.096	0.11	0.206
	6-15	6/28/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA4-G14	0-1	7/8/2002	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	2.1	1.5	3.6
	1-6	7/8/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.88	0.56	1.44
	6-12	7/8/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	1.7	0.98	2.68
RAA4-G17	6-15	6/7/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.054	0.054
RAA4-H3	0-1	6/11/2002	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	30	20	50
	1-6	6/11/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.064	0.063	0.127
	6-15	6/11/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
RAA4-H7	0-1	6/13/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.036 J	0.036 J
	1-6	6/13/2002	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]
	6-15	6/13/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA4-I3	0-1	6/24/2002	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	2.5	4.0	6.5
	1-6	6/24/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	1.8	0.69	2.49
	6-15	6/24/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA4-I5	0-1	7/3/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	1.2	1.2
	1-6	7/3/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.038	0.064	0.102
	6-15	7/3/2002	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
RAA4-I9	0-1	6/17/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.48	0.58	1.06
	1-6	6/17/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.46	0.46
	6-15	6/17/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.029 J	0.072	0.101
RAA4-I11	1-6	6/25/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	6/25/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA4-I13	6-15	7/2/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.10	0.052	0.152
RAA4-I15	0-1	4/25/2002	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	2.0	4.7	6.7
RAA4-K3	0-1	6/11/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.27	0.32	0.59
	1-6	6/11/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-15	6/11/2002	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA4-K5	0-1	6/11/2002	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	5.8	13	18.8
	1-6	6/11/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.11	0.095	0.205
	6-15	6/11/2002	ND(0.042) [ND(0.041)]	ND(0.042) [ND(0.041)]	ND(0.042) [ND(0.041)]	ND(0.042) [ND(0.041)]	ND(0.042) [ND(0.041)]	ND(0.042) [0.053]	ND(0.042) [ND(0.041)]	ND(0.042) [0.053]
RAA4-K11	0-1	7/2/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.066	0.044	0.11
	1-6	7/2/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	7/2/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA4-L8	0-1	6/13/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.12	0.12
	1-6	6/13/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.23	0.38	0.61
	6-15	6/13/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA4-M3	0-1	6/11/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.23	0.28	0.51
	1-6	6/11/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	6-15	6/11/2002	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA4-M5	0-1	4/25/2002	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	0.82	3.0	3.82
	1-6	4/25/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.073	0.073
	6-15	4/25/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)

TABLE 1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH 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
Averaging Area 4A (continued)										
RAA4-M7	0-1	7/3/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.033 J	ND(0.036)	0.033 J
	1-6	7/3/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	7/3/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA4-O1	0-1	4/25/2002	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	13	12	25
	1-6	4/25/2002	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	6.0	7.6	13.6
	6-15	4/25/2002	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
Averaging Area 4B										
RAA4-1	0-1	1/30/2001	R	R	R	R	R	R	R	R
RAA4-2	0-1	1/24/2001	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	1.4	ND(0.24)	1.4
	1-6	1/24/2001	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)
	6-15	1/24/2001	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)
RAA4-3	0-1	1/30/2001	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	0.68	ND(0.051)	0.68
RAA4-4	0-1	1/24/2001	ND(24)	ND(24)	ND(24)	ND(24)	ND(24)	180	320	500
	1-6	1/24/2001	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	1.4	ND(0.22)	1.4
	6-15	1/24/2001	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)
RAA4-5	0-1	1/30/2001	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	2.8	6.6	9.4
RAA4-6	0-1	1/30/2001	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	14	14
RAA4-7	0-1	1/30/2001	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	0.55	0.73	1.28
RAA4-8	0-1	1/30/2001	ND(0.22) [ND(0.26)]	ND(0.22) [ND(0.26)]	ND(0.22) [ND(0.26)]	ND(0.22) [ND(0.26)]	ND(0.22) [ND(0.26)]	ND(0.22) [ND(0.26)]	3.5 [5.4]	3.5 [5.4]
RAA4-9	0-1	1/30/2001	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.44	1.2	1.64
RAA4-10	0-1	1/30/2001	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	3.9	3.9
RAA4-11	0-1	1/30/2001	ND(0.51)	ND(0.51)	ND(0.51)	ND(0.51)	ND(0.51)	ND(0.51)	5.0	5.0
RAA4-12	0-1	1/30/2001	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	7.9	7.9
RAA4-13	0-1	1/30/2001	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)	0.79	0.79
RAA4-14	0-1	1/30/2001	ND(0.044)	ND(0.044)	ND(0.044)	0.14	ND(0.044)	0.66	0.90	1.7
	1-3	1/3/2002	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	ND(0.041) [0.022 J]	ND(0.041) [0.022 J]
RAA4-15	0-1	1/30/2001	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	0.34	0.50	0.84
	1-3	1/2/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.035 J	0.041	0.076
RAA4-16	0-1	1/24/2001	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)
	1-6	1/24/2001	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)
	6-15	1/24/2001	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	20	20
RAA4-17	0-1	1/29/2001	ND(0.53)	ND(0.53)	ND(0.53)	ND(0.53)	ND(0.53)	3.3	6.8	10.1
	1-6	1/29/2001	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.030 J	0.030 J
	6-15	1/29/2001	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.50	0.50
RAA4-18	0-1	1/29/2001	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.46	1.5	1.96
	1-6	1/29/2001	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.35	0.73	1.08
	6-15	1/29/2001	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.26	0.26
RAA4-19	0-1	1/29/2001	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	2.2	2.2
	1-6	1/29/2001	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	1/29/2001	ND(0.052) [ND(0.036)]	ND(0.052) [ND(0.036)]	ND(0.052) [ND(0.036)]	ND(0.052) [ND(0.036)]	ND(0.052) [ND(0.036)]	ND(0.052) [ND(0.036)]	ND(0.052) [ND(0.036)]	ND(0.052) [ND(0.036)]
RAA4-20	0-1	1/29/2001	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.53	1.4	1.93
	1-6	1/29/2001	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-15	1/29/2001	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA4-21	0-1	1/29/2001	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	1-3	1/3/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-6	1/29/2001	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.16	0.22	0.38
	3-6	1/3/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-15	1/29/2001	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)
RAA4-22	0-1	1/31/2001	ND(0.056)	ND(0.056)	ND(0.056)	ND(0.056)	ND(0.056)	0.24	0.46	0.70
	1-3	1/3/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	1-6	1/31/2001	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	3-6	1/3/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	1/31/2001	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)

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(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
Averaging Area 4B (continued)										
RAA4-23	0-1	1/2/2002	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	18	20	38
	1-3	1/2/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.028 J	0.030 J	0.058 J
RAA4-A33	0-1	5/16/2002	ND(0.041) [ND(0.20)]	ND(0.041) [ND(0.20)]	ND(0.041) [ND(0.20)]	ND(0.041) [ND(0.20)]	ND(0.041) [ND(0.20)]	0.28 [ND(0.20)]	0.78 [0.54]	1.06 [0.54]
	1-6	5/16/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.28	0.61	0.89
	6-15	5/16/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.29	0.29
RAA4-A34	0-1	5/16/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.11	0.29	0.40
	1-6	5/16/2002	ND(0.73)	ND(0.73)	ND(0.73)	ND(0.73)	ND(0.73)	0.81	0.98	1.79
	6-15	5/16/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA4-A35	0-1	5/16/2002	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	0.67	0.67
	1-6	5/16/2002	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)
	6-10	5/16/2002	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)
RAA4-A37	0-1	5/15/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.10	0.20	0.30
	1-6	5/15/2002	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	1.2	1.2
	6-15	5/15/2002	ND(0.76)	ND(0.76)	ND(0.76)	ND(0.76)	ND(0.76)	ND(0.76)	0.75 J	0.75 J
RAA4-B29	0-1	5/20/2002	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	1.4	1.4
	1-6	5/20/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	1.3	1.3
	6-15	5/20/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.019 J	0.019 J
RAA4-B31	0-1	5/20/2002	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	4.1	8.3	12.4
	1-6	5/20/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.040	ND(0.038)	0.040
	6-15	5/20/2002	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	3.5	3.5
RAA4-B33	0-1	5/16/2002	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	0.67	0.67
RAA4-B34	0-1	5/16/2002	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	1.1	1.1
	1-6	5/16/2002	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)
	6-15	5/16/2002	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)
RAA4-B35	0-1	5/15/2002	ND(0.85)	ND(0.85)	ND(0.85)	ND(0.85)	ND(0.85)	ND(0.85)	1.2	1.2
	1-6	5/15/2002	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)
	6-15	5/15/2002	ND(0.78)	ND(0.78)	ND(0.78)	ND(0.78)	ND(0.78)	ND(0.78)	1.0	1.0
RAA4-C23	0-1	6/5/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.18	0.17	0.35
	1-6	6/5/2002	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	0.011 J [ND(0.037)]	0.022 J [0.012 J]	0.033 J [0.012 J]
	6-15	6/5/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.63	1.5	2.13
RAA4-C25	0-1	6/4/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.050	0.070	0.12
	1-6	6/4/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.044	0.044
	6-15	6/4/2002	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.16	0.16
RAA4-C27	0-1	4/22/2002	ND(0.76)	ND(0.76)	ND(0.76)	ND(0.76)	ND(0.76)	7.4	20	27.4
	1-6	4/22/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.73	0.73
	6-15	4/22/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.39	1.1	1.49
RAA4-C29	0-1	5/21/2002	ND(0.044) [ND(0.041)]	ND(0.044) [ND(0.041)]	ND(0.044) [ND(0.041)]	ND(0.044) [ND(0.041)]	ND(0.044) [ND(0.041)]	0.049 [0.077]	0.18 [0.26]	0.229 [0.337]
	1-6	5/21/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.14	0.14
	6-15	5/21/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.12	ND(0.039)	0.12
RAA4-C31	0-1	5/20/2002	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	6.3	15	21.3
	1-6	5/20/2002	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	3.1	7.9	11
	6-15	5/20/2002	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	1.3	1.3
RAA4-C33	0-1	5/20/2002	ND(0.73)	ND(0.73)	ND(0.73)	ND(0.73)	ND(0.73)	16	15	31
	1-6	5/20/2002	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	5.2	6.9	12.1
	6-15	5/20/2002	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	2.0	4.7	6.7
RAA4-C34	0-1	5/17/2002	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.56	0.56
	1-6	5/17/2002	ND(0.86)	ND(0.86)	ND(0.86)	ND(0.86)	ND(0.86)	ND(0.86)	1.1	1.1
	6-15	5/17/2002	ND(0.84)	ND(0.84)	ND(0.84)	ND(0.84)	ND(0.84)	ND(0.84)	0.89	0.89
RAA4-C35	0-1	5/17/2002	ND(0.89)	ND(0.89)	ND(0.89)	ND(0.89)	ND(0.89)	ND(0.89)	1.9	1.9
	1-6	5/17/2002	ND(0.88)	ND(0.88)	ND(0.88)	ND(0.88)	ND(0.88)	ND(0.88)	8.9	8.9
	6-15	5/17/2002	ND(0.85)	ND(0.85)	ND(0.85)	ND(0.85)	ND(0.85)	ND(0.85)	5.9	5.9
RAA4-D19	0-1	6/4/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.24	0.27	0.51
	1-6	6/4/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-15	6/4/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)

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(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
Averaging Area 4B (continued)										
RAA4-D21	0-1	5/30/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.032 J	0.051	0.083
	1-6	5/30/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-15	5/30/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA4-D23	0-1	5/30/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.024 J	0.036	0.060
	1-6	5/30/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	5/30/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.72	0.72
RAA4-D25	0-1	4/24/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.060	0.12	0.18
	1-6	4/24/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.014 J	0.014 J
	6-15	4/24/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA4-D27	0-1	5/21/2002	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	0.32 J	1.0	1.32
	1-6	5/21/2002	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	0.99	0.99
	6-15	5/21/2002	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	3.0	3.0
RAA4-D29	6-15	4/23/2002	ND(0.80)	ND(0.80)	ND(0.80)	ND(0.80)	ND(0.80)	13	23	36
RAA4-D31	1-6	5/21/2002	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	0.99	ND(0.40)	0.99
	6-15	5/21/2002	ND(4.1)	ND(4.1)	ND(4.1)	ND(4.1)	ND(4.1)	ND(4.1)	56	56
RAA4-D33	0-1	5/21/2002	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	0.82	1.9	2.72
	1-6	5/21/2002	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	2.3	6.4	8.7
	6-15	5/21/2002	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)
RAA4-D34	0-1	4/23/2002	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	3.7	20	23.7
	1-6	4/23/2002	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	9.2	ND(3.8)	9.2
	6-15	4/23/2002	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	2.0	ND(2.0)	2.0
RAA4-D36	0-1	5/15/2002	ND(0.72)	ND(0.72)	ND(0.72)	ND(0.72)	ND(0.72)	ND(0.72)	2.4	2.4
	1-6	5/15/2002	ND(0.82)	ND(0.82)	ND(0.82)	ND(0.82)	ND(0.82)	ND(0.82)	21	21
	6-15	5/15/2002	ND(7.6)	ND(7.6)	ND(7.6)	ND(7.6)	ND(7.6)	ND(7.6)	120	120
RAA4-E17	6-15	6/7/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA4-E19	0-1	5/30/2002	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	2.3	2.3
	1-6	5/30/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.70	0.67	1.37
	6-15	5/30/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.040	0.077	0.117
RAA4-E21	0-1	5/30/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.028 J	0.028 J
	1-6	5/30/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-15	5/30/2002	ND(0.039) [ND(0.039)]	ND(0.039) [ND(0.039)]	ND(0.039) [ND(0.039)]	ND(0.039) [ND(0.039)]	ND(0.039) [ND(0.039)]	ND(0.039) [ND(0.039)]	ND(0.039) [0.022 J]	ND(0.039) [0.022 J]
RAA4-E23	1-6	4/24/2002	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	12	11	23
	6-15	4/24/2002	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	0.93	2.4	3.33
RAA4-E27	0-1	6/4/2002	ND(3.6) [ND(1.8)]	ND(3.6) [ND(1.8)]	ND(3.6) [ND(1.8)]	ND(3.6) [ND(1.8)]	ND(3.6) [ND(1.8)]	ND(3.6) [ND(1.8)]	110 [29]	110 [29]
	1-6	6/4/2002	ND(88)	ND(88)	ND(88)	ND(88)	ND(88)	ND(88)	770	770
	6-15	6/4/2002	ND(41)	ND(41)	ND(41)	ND(41)	ND(41)	ND(41)	680	680
RAA4-E29	6-15	5/21/2002	ND(9.0)	ND(9.0)	ND(9.0)	ND(9.0)	ND(9.0)	ND(9.0)	160	160
RAA4-E33	0-1	6/24/2002	ND(22)	ND(22)	ND(22)	ND(22)	ND(22)	ND(22)	49	49
	1-6	6/24/2002	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	34	34
	6-15	6/24/2002	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	5.6	10	15.6
RAA4-E35	0-1	5/17/2002	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	28	41	69
	1-6	5/17/2002	ND(0.91)	ND(0.91)	ND(0.91)	ND(0.91)	ND(0.91)	19	30	49
	6-15	5/17/2002	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	0.55	0.55
RAA4-E36	1-6	4/23/2002	ND(0.73)	ND(0.73)	ND(0.73)	ND(0.73)	ND(0.73)	ND(0.73)	26	26
RAA4-F25	0-1	6/4/2002	ND(0.70)	ND(0.70)	ND(0.70)	ND(0.70)	ND(0.70)	ND(0.70)	1.5	1.5
RAA4-F27	0-1	5/22/2002	ND(77) [ND(38)]	ND(77) [ND(38)]	ND(77) [ND(38)]	ND(77) [ND(38)]	ND(77) [ND(38)]	ND(77) [ND(38)]	1500 [1300]	1500 [1300]
	1-6	5/22/2002	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	3900	3900
	6-15	5/22/2002	ND(4.5)	ND(4.5)	ND(4.5)	ND(4.5)	ND(4.5)	ND(4.5)	110	110
RAA4-F29	0-1	5/22/2002	ND(7.1) [ND(7.3)]	ND(7.1) [ND(7.3)]	ND(7.1) [ND(7.3)]	ND(7.1) [ND(7.3)]	ND(7.1) [ND(7.3)]	150 [110]	240 [180]	390 [290]
	1-6	5/22/2002	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	49	55	104
	6-15	5/22/2002	ND(4.3)	ND(4.3)	ND(4.3)	ND(4.3)	ND(4.3)	23	8.4	31.4
RAA4-F31	0-1	5/22/2002	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	0.70	0.70
	1-6	5/22/2002	ND(7.6)	ND(7.6)	ND(7.6)	ND(7.6)	ND(7.6)	200	160	360
	6-15	5/22/2002	ND(0.76)	ND(0.76)	ND(0.76)	ND(0.76)	ND(0.76)	15	17	32

TABLE 1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH 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
Averaging Area 4B (continued)										
RAA4-F33	0-1	5/28/2002	ND(0.88)	ND(0.88)	ND(0.88)	ND(0.88)	ND(0.88)	1.7	2.4	4.1
	1-6	5/28/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.034 J	0.052	0.086
	6-15	5/28/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA4-F34	0-1	5/28/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.55	0.83	1.38
	1-6	5/28/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.052	0.12	0.172
	6-15	5/28/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.016 J	0.016 J
RAA4-F35	0-1	5/28/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	1.3	ND(0.040)	1.3
	1-6	5/28/2002	ND(0.76)	ND(0.76)	ND(0.76)	ND(0.76)	ND(0.76)	7.5	8.9	16.4
	6-15	5/28/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA4-G27	0-1	5/22/2002	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	870	870
	1-6	5/22/2002	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	150	150
	6-15	5/22/2002	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	520	520
RAA4-G31	0-1	6/24/2002	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	1.8	1.8
	1-6	6/24/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	6/24/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA4-G33	0-1	6/20/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.68	0.95	1.63
	1-6	6/20/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.020 J	0.020 J
	6-15	6/20/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA4-G34	0-1	6/24/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	1.9	1.5	3.4
	1-6	6/24/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	6/24/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA4-H17	0-1	6/14/2002	ND(0.72)	ND(0.72)	ND(0.72)	ND(0.72)	ND(0.72)	7.2	11	18.2
	6-15	6/14/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.064	0.064
RAA4-H21	0-1	6/4/2002	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	1.6	5.8	7.4
	1-6	6/4/2002	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	210	210
	6-15	6/4/2002	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	32	32
RAA4-H24	0-1	6/10/2002	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	140	260	400
	1-6	6/10/2002	ND(3.6) [ND(1.8)]	ND(3.6) [ND(1.8)]	ND(3.6) [ND(1.8)]	ND(3.6) [ND(1.8)]	ND(3.6) [ND(1.8)]	20 [22]	32 [41]	52 [63]
	6-15	6/10/2002	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	77	77
RAA4-H29	0-1	5/22/2002	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	1300	1300
	1-6	5/22/2002	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	710	710
	6-15	5/22/2002	ND(5.2)	ND(5.2)	ND(5.2)	ND(5.2)	ND(5.2)	ND(5.2)	16	16
RAA4-H31	0-1	6/20/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.37	0.50	0.87
	1-6	6/20/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	6/20/2002	ND(0.039)	ND(0.039)	ND(0.039)	1.0	ND(0.039)	0.54	0.62	2.16
RAA4-I19	0-1	6/7/2002	ND(7.5)	ND(7.5)	ND(7.5)	ND(7.5)	ND(7.5)	28	20	48
	1-6	6/7/2002	ND(7.7)	ND(7.7)	ND(7.7)	ND(7.7)	ND(7.7)	18	ND(7.7)	18
	6-15	6/7/2002	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	20	20
RAA4-I21	0-1	4/22/2002	ND(0.78)	ND(0.78)	ND(0.78)	ND(0.78)	ND(0.78)	8.1	10	18.1
RAA4-I23	0-1	4/25/2002	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	86	79	165
	1-6	4/25/2002	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	83	90	173
	6-15	4/25/2002	ND(2.1) [ND(0.86)]	ND(2.1) [ND(0.86)]	ND(2.1) [ND(0.86)]	ND(2.1) [ND(0.86)]	ND(2.1) [ND(0.86)]	22 [18]	34 [24]	56 [42]
RAA4-I25	0-1	6/3/2002	ND(0.80)	ND(0.80)	ND(0.80)	ND(0.80)	ND(0.80)	3.8	8.4	12.2
	1-6	6/3/2002	ND(78)	ND(78)	ND(78)	ND(78)	ND(78)	ND(78)	500	500
	6-15	6/3/2002	ND(40)	ND(40)	ND(40)	ND(40)	ND(40)	ND(40)	160	160
RAA4-I27	0-1	6/3/2002	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	26	26
	1-6	6/3/2002	ND(9.0)	ND(9.0)	ND(9.0)	ND(9.0)	ND(9.0)	ND(9.0)	58	58
RAA4-K19	0-1	6/13/2002	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	25	13	38
	6-15	6/13/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA4-K21	6-15	6/3/2002	ND(0.82)	ND(0.82)	ND(0.82)	ND(0.82)	ND(0.82)	ND(0.82)	9.7	9.7
RAA4-K23	1-6	4/25/2002	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	330	330
	6-15	4/25/2002	ND(21)	ND(21)	ND(21)	ND(21)	ND(21)	ND(21)	290	290

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

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Averaging Area 4B (continued)										
RAA4-K25	0-1	6/3/2002	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	2.9	6.9	9.8
	1-6	6/3/2002	ND(80)	ND(80)	ND(80)	ND(80)	ND(80)	ND(80)	870	870
	6-15	6/3/2002	ND(0.22) [ND(0.21)]	ND(0.22) [ND(0.21)]	ND(0.22) [ND(0.21)]	ND(0.22) [ND(0.21)]	ND(0.22) [ND(0.21)]	ND(0.22) [ND(0.21)]	1.4 [1.3]	1.4 [1.3]
Averaging Area 4C										
CRA-1	0-2	1/17/2001	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.54	0.74	1.28
	2-5	1/17/2001	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	5-14	1/17/2001	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
CRA-2	0-2	1/17/2001	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.49	0.70	1.19
	2-5	1/17/2001	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
	5-14	1/17/2001	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
CRA-3	0-2	1/17/2001	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)
	2-5	1/17/2001	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)
	5-14	1/17/2001	ND(0.047) [ND(0.044)]	ND(0.047) [ND(0.044)]	ND(0.047) [ND(0.044)]	ND(0.047) [ND(0.044)]	ND(0.047) [ND(0.044)]	ND(0.047) [ND(0.044)]	ND(0.047) [ND(0.044)]	ND(0.047) [ND(0.044)]
CRA-4	0-2	1/18/2001	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	0.10	0.10	0.20
	2-5	1/18/2001	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.18	0.26	0.44
	5-14	1/18/2001	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
CRA-5	0-2	1/18/2001	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	0.35	0.49	0.84
	2-5	1/18/2001	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	5-14	1/18/2001	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
CRA-6	0-2	1/18/2001	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.064	0.22	0.284
	2-5	1/18/2001	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
	5-14	1/18/2001	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
CRA-7	0-2	1/18/2001	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	0.048	0.063	0.111
	2-5	1/18/2001	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)
	5-14	1/18/2001	ND(0.044) [ND(0.044)]	ND(0.044) [ND(0.044)]	ND(0.044) [ND(0.044)]	ND(0.044) [ND(0.044)]	ND(0.044) [ND(0.044)]	ND(0.044) [ND(0.044)]	ND(0.044) [ND(0.044)]	ND(0.044) [ND(0.044)]
CRA-8	0-2	1/22/2001	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)
	2-5	1/22/2001	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	5-14	1/22/2001	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.094	0.094
CRA-9	0-2	1/22/2001	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	5.6	5.6
	2-5	1/22/2001	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	0.029 J	0.029 J
	5-14	1/22/2001	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
CRA-10	0-2	1/22/2001	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	0.28	0.45	0.73
	2-5	1/22/2001	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	5-14	1/22/2001	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
CRA-11	0-2	1/23/2001	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.28	0.78	1.06
	2-5	1/23/2001	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]
	5-14	1/23/2001	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
CRA-12	0-2	1/23/2001	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)	3.4	3.4
	2-5	1/23/2001	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	1.8	0.92	2.72
	5-14	1/23/2001	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
CRA-13	0-2	1/23/2001	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	2-5	1/23/2001	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	5-14	1/23/2001	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)
CRA-14	0-2	1/19/2001	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	0.61	1.2	1.81
	2-5	1/19/2001	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	5-14	1/19/2001	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
CRA-15	0-2	1/19/2001	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	0.80	1.5	2.3
	2-5	1/19/2001	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
	5-14	1/19/2001	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.13	0.13
CRA-16	0-2	1/19/2001	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.32	0.57	0.89
	2-5	1/19/2001	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.35	0.79	1.14
	5-14	1/19/2001	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.063	0.082	0.145

TABLE 1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH 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
Averaging Area 4C (continued)										
CRA-17	0-2	1/19/2001	ND(4.2)	ND(4.2)	ND(4.2)	ND(4.2)	ND(4.2)	ND(4.2)	42	42
	2-5	1/19/2001	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	5-14	1/19/2001	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
CRA-18	0-2	1/23/2001	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.32	0.32
	2-5	1/23/2001	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	5-14	1/23/2001	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
CRA-19	0-2	1/23/2001	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.14	0.24	0.38
	2-5	1/23/2001	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	5-14	1/23/2001	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
CRA-20	0-2	1/31/2001	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	0.026 J	0.032 J	0.058 J
	2-5	1/31/2001	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.13	0.22	0.35
	5-14	1/31/2001	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
CRA-21	0-2	1/31/2001	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
	2-5	1/31/2001	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.085	0.12	0.205
	5-14	1/31/2001	ND(0.040) [ND(0.041)]	ND(0.040) [ND(0.041)]	ND(0.040) [ND(0.041)]	ND(0.040) [ND(0.041)]	ND(0.040) [ND(0.041)]	ND(0.040) [ND(0.041)]	ND(0.040) [ND(0.041)]	ND(0.040) [ND(0.041)]
CRA-22	0-2	1/31/2001	ND(0.058)	ND(0.058)	ND(0.058)	ND(0.058)	ND(0.058)	0.43	0.52	0.95
	2-5	1/31/2001	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
	5-14	1/31/2001	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
Averaging Area 4D										
RAA4-24	0-1	1/2/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.080	0.22	0.15	0.45
	1-3	1/2/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA4-25	0-1	1/2/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.97	0.97
	1-3	1/2/2002	ND(0.035) [ND(0.035)]	ND(0.035) [ND(0.035)]	ND(0.035) [ND(0.035)]	ND(0.035) [ND(0.035)]	ND(0.035) [ND(0.035)]	ND(0.035) [0.022 J]	0.026 J [0.023 J]	0.026 J [0.045 J]
RAA4-26	0-1	1/2/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.38	0.38
	1-3	1/2/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.074	0.074
RAA4-E38	0-1	5/14/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.12	0.24	0.36
	1-6	5/14/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.079	0.13	0.209
	6-15	5/14/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.53	0.53
RAA4-E39	0-1	5/14/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.16	0.16
	1-6	5/14/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.28	0.28
	6-15	5/14/2002	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	3.3	3.3
RAA4-E40	0-1	5/13/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.67	1.2	1.87
	1-6	5/13/2002	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [0.024 J]	ND(0.038) [0.024 J]
	6-15	5/13/2002	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	6.0	6.0
RAA4-E41	1-6	5/13/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.024 J	0.024 J
	6-15	5/13/2002	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	2.5	2.5
RAA4-E42	0-1	1/3/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.22	ND(0.40)	0.22
	1-3	1/3/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	3-6	1/3/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-15	1/3/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA4-F36	1-6	5/14/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	5/14/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA4-F37	0-1	5/14/2002	ND(7.1)	ND(7.1)	ND(7.1)	ND(7.1)	ND(7.1)	ND(7.1)	61	61
RAA4-F41	0-1	4/24/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.071	0.14	0.211
	1-6	4/24/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	4/24/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.012 J	0.012 J
RAA4-F42	0-1	5/13/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.36	0.42	0.78
	1-6	5/13/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	6-15	5/13/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA4-F43	0-1	7/8/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	1-6	7/8/2002	ND(0.038) [ND(0.039)]	ND(0.038) [ND(0.039)]	ND(0.038) [ND(0.039)]	ND(0.038) [ND(0.039)]	ND(0.038) [ND(0.039)]	ND(0.038) [ND(0.039)]	ND(0.038) [ND(0.039)]	ND(0.038) [ND(0.039)]
	6-15	7/8/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)

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PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH 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
Averaging Area 4D (continued)										
RAA4-G35	0-1	6/24/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.26	0.26
	1-6	6/24/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	6/24/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA4-G36	0-1	5/14/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.045	0.045
	1-6	5/14/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.020 J	0.020 J
	6-15	5/14/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.022 J	0.044	0.066
RAA4-H33	0-1	6/20/2002	ND(0.43) [ND(0.43)]	ND(0.43) [ND(0.43)]	ND(0.43) [ND(0.43)]	ND(0.43) [ND(0.43)]	ND(0.43) [ND(0.43)]	1.3 [2.9]	1.6 [3.4]	2.9 [6.3]
	1-6	6/20/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.34	0.54	0.88
	6-15	6/20/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.21	0.21
RAA4-H34	0-1	6/6/2002	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	13	26	39
	1-6	6/6/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.76	1.0	1.76
	6-15	6/6/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA4-H35	0-1	4/23/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.12	0.28	0.40
	1-6	4/23/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-15	4/23/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA4-I31	0-1	5/29/2002	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	120	110	230
	1-6	5/29/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.22	0.34	0.56
	6-15	5/29/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.015 J	0.015 J
RAA4-I33	0-1	6/6/2002	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	3.4	5.7	9.1
	1-6	6/6/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.45	0.86	1.31
	6-15	6/6/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.043	0.043
RAA4-I34	0-1	6/6/2002	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	1.5	3.5	5.0
	1-6	6/6/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.067	0.12	0.187
	6-15	6/6/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA4-I35	0-1	6/6/2002	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.34	0.50	0.84
	1-6	6/6/2002	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	3.0	3.0
	6-15	6/6/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA4-K33	0-1	6/6/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.094	0.16	0.254
	1-6	6/6/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.033 J	0.037	0.070
	6-15	6/6/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.016 J	0.016 J
Averaging Area 4E										
RAA4-I30	0-1	6/25/2002	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	390	390
RAA4-J28	0-1	6/25/2002	ND(8.9)	ND(8.9)	ND(8.9)	ND(8.9)	ND(8.9)	ND(8.9)	54	54
RAA4-J29	0-1	6/25/2002	ND(0.73)	ND(0.73)	ND(0.73)	ND(0.73)	ND(0.73)	6.6	7.2	13.8
RAA4-J30	0-1	6/25/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	1.1	1.1
RAA4-J31	0-1	6/25/2002	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	8.5	15	23.5
RAA4-K27	0-1	6/17/2002	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	39	39
	1-3	6/17/2002	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	540	540
	3-6	6/17/2002	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	1100	1100
	6-15	6/17/2002	ND(4.9) [ND(9.6)]	ND(4.9) [ND(9.6)]	ND(4.9) [ND(9.6)]	ND(4.9) [ND(9.6)]	ND(4.9) [ND(9.6)]	ND(4.9) [ND(9.6)]	78 [270]	78 [270]
RAA4-K28	0-1	6/25/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.51	0.76	1.27
RAA4-K29	0-1	5/29/2002	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	2.4	2.2	4.6
	1-3	5/29/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.052	0.052
	3-6	5/29/2002	ND(0.040)	ND(0.040)	ND(0.040)	0.15	ND(0.040)	0.30	0.18	0.63
	6-15	5/29/2002	ND(39)	ND(39)	ND(39)	300	ND(39)	570	280	1150
RAA4-K30	0-1	4/22/2002	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	6.1	14	20.1
RAA4-K31	0-1	6/17/2002	ND(4.3)	ND(4.3)	ND(4.3)	ND(4.3)	ND(4.3)	16	29	45
	1-3	6/17/2002	ND(36)	ND(36)	ND(36)	ND(36)	ND(36)	110	120	230
	3-6	6/17/2002	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	220	220
	6-15	6/17/2002	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	140	140
RAA4-L27	0-1	6/25/2002	ND(88)	ND(88)	ND(88)	ND(88)	ND(88)	ND(88)	970	970
RAA4-L28	0-1	6/25/2002	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	1.2	1.5	2.7
RAA4-L29	0-1	6/25/2002	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	24	24
RAA4-L30	0-1	6/25/2002	ND(0.70)	ND(0.70)	ND(0.70)	ND(0.70)	ND(0.70)	ND(0.70)	4.1	4.1
RAA4-L31	0-1	6/25/2002	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	11	8.0	19

TABLE 1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH 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
Averaging Area 4E (continued)										
RAA4-M8	0-1	6/25/2002	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	3.5	3.1	6.6
RAA4-M9	0-1	7/2/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.13	0.063	0.193
	1-3	7/2/2002	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	0.059 [0.096]	0.021 J [0.049]	0.080 [0.145]
	3-6	7/2/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	7/2/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA4-M11	0-1	7/2/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.33	0.12	0.45
	1-3	7/2/2002	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)
	3-6	7/2/2002	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)
	6-15	7/2/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
RAA4-M13	0-1	6/28/2002	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	140	ND(18)	140
	1-3	6/28/2002	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	120	ND(3.9)	120
	3-6	6/28/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	6/28/2002	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.030 J	ND(0.045)	0.030 J
RAA4-M14	0-1	6/26/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.039	0.031 J	0.070
RAA4-M15	0-1	7/8/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.068	0.060	0.128
	1-3	7/8/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	3-6	7/8/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.017 J	0.018 J	0.035 J
	6-15	7/8/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.014 J	ND(0.041)	0.014 J
RAA4-M16	0-1	7/8/2002	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	85	47	132
RAA4-M17	6-15	6/10/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA4-M19	0-1	6/10/2002	ND(0.70)	ND(0.70)	ND(0.70)	ND(0.70)	ND(0.70)	2.3	0.85	3.15
	1-3	6/10/2002	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	8.5	2.6	11.1
	3-6	6/10/2002	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	22	8.0	30
	6-15	6/10/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.20	0.11	0.31
RAA4-M21	0-1	6/13/2002	ND(3.5)	ND(3.5)	ND(3.5)	ND(3.5)	ND(3.5)	78	20	98
	1-3	6/13/2002	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	140	33	173
	3-6	6/13/2002	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	44	ND(3.7)	44
	6-15	6/13/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.018 J	ND(0.042)	0.018 J
RAA4-M23	0-1	6/14/2002	ND(75)	ND(75)	ND(75)	ND(75)	ND(75)	1100	690	1790
	1-3	6/14/2002	ND(74)	ND(74)	ND(74)	ND(74)	ND(74)	ND(74)	970	970
	3-6	6/14/2002	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	110	110
	6-15	6/14/2002	ND(0.042) [ND(0.039)]	ND(0.042) [ND(0.039)]	ND(0.042) [ND(0.039)]	ND(0.042) [ND(0.039)]	ND(0.042) [ND(0.039)]	0.042 [0.034 J]	ND(0.042) [ND(0.039)]	0.042 [0.034 J]
RAA4-M27	0-1	5/29/2002	ND(0.76)	ND(0.76)	ND(0.76)	ND(0.76)	ND(0.76)	14	18	32
	1-3	5/29/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.33	0.45	0.78
	3-6	5/29/2002	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	1.4	ND(0.77)	1.4
	6-15	5/29/2002	ND(0.045) [ND(0.046)]	ND(0.045) [ND(0.046)]	ND(0.045) [ND(0.046)]	ND(0.045) [0.066]	ND(0.045) [ND(0.046)]	0.058 [0.17]	0.068 [0.16]	0.126 [0.396]
RAA4-M28	0-1	6/25/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.026 J	0.041	0.067
RAA4-M29	0-1	6/18/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.22	0.22	0.44
	1-3	6/18/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.86	0.75	1.61
	3-6	6/18/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA4-M30	0-1	4/22/2002	ND(0.72)	ND(0.72)	ND(0.72)	ND(0.72)	ND(0.72)	15	34	49
RAA4-N5	0-1	6/26/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
RAA4-N8	0-1	6/25/2002	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	6.5	13	19.5
RAA4-N16	0-1	6/26/2002	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	23	5.6	28.6
RAA4-O3	0-1	6/12/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.017 J	0.070	0.087
	1-3	6/12/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.043	0.043
	3-6	6/12/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.020 J	0.020 J
	6-15	6/12/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.025 J	0.025 J
RAA4-O4	0-1	6/26/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.33	0.34	0.67
RAA4-O5	0-1	6/12/2002	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	12	17	29
	1-3	6/12/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	1.1	0.56	1.66
	3-6	6/12/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.91	0.41	1.32
	6-15	6/12/2002	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	0.33 [ND(0.042)]	1.5 [ND(0.042)]	1.83 [ND(0.042)]
RAA4-O6	0-1	6/25/2002	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	1.2	3.1	4.3

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

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Averaging Area 4E (continued)										
RAA4-O7	0-1	7/3/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.22	0.21	0.43
	1-3	7/3/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.24	0.24	0.48
	3-6	7/3/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.12	0.088	0.208
	6-15	7/3/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA4-O9	0-1	6/12/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	1.0	0.92	1.92
	1-3	6/12/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.027 J	0.065	0.092
	3-6	6/12/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	6/12/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
RAA4-O11	0-1	7/2/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.074	0.045	0.119
	1-3	7/2/2002	ND(0.040) [ND(0.037)]	ND(0.040) [ND(0.037)]	ND(0.040) [ND(0.037)]	ND(0.040) [ND(0.037)]	ND(0.040) [ND(0.037)]	ND(0.040) [0.022 J]	ND(0.040) [0.034 J]	ND(0.040) [0.056 J]
	3-6	7/2/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	7/2/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA4-O13	0-1	6/12/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.13	0.10	0.23
	1-3	6/12/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.12	0.057	0.177
	3-6	6/12/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.041 J	0.041 J
	6-15	6/12/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA4-O14	0-1	6/26/2002	ND(0.70)	ND(0.70)	ND(0.70)	ND(0.70)	ND(0.70)	6.5	3.0	9.5
RAA4-O15	0-1	6/14/2002	ND(3.5)	ND(3.5)	ND(3.5)	ND(3.5)	ND(3.5)	ND(3.5)	97	97
	1-3	6/14/2002	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	75	28	103
	3-6	6/14/2002	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	4.3	2.0	6.3
	6-15	6/14/2002	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	1.6	ND(1.0)	1.6
RAA4-O16	0-1	6/26/2002	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	120	140	260
RAA4-O17	0-1	6/10/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.31	0.64	0.95
	1-3	6/10/2002	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	15	52	67
	3-6	6/10/2002	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	16	31	47
	6-15	6/10/2002	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	2.0	3.9	5.9
RAA4-O19	0-1	6/27/2002	ND(17)	ND(17)	ND(17)	ND(17)	ND(17)	180	600	780
	1-3	6/27/2002	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	32	23	55
	3-6	6/27/2002	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	24	24
	6-15	6/27/2002	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	8.5	ND(2.5)	8.5
RAA4-O25	6-15	6/14/2002	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	290	ND(20)	290
RAA4-P2	0-1	6/25/2002	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	2.6	2.3	4.9
RAA4-P3	0-1	7/8/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA4-P6	0-1	6/26/2002	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	1.2	1.3	2.5
RAA4-P9	0-1	6/25/2002	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	5.0	3.3	8.3
RAA4-P14	0-1	6/26/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.33	0.30	0.63
RAA4-Q3	0-1	6/28/2002	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	1.1	2.5	3.6
	1-3	6/28/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.50	0.42	0.92
	3-6	6/28/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	6/28/2002	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	0.032 J	ND(0.046)	0.032 J
RAA4-Q4	0-1	6/26/2002	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	19	19
RAA4-Q05	0-1	6/27/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.77	0.60	1.37
	1-3	6/27/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.13	0.23	0.36
	3-6	6/27/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	6/27/2002	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.014 J	0.018 J	0.032 J
RAA4-Q6	0-1	6/18/2002	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	2.5	2.5
	1-3	6/18/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.10	0.10
	3-6	6/18/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.083	0.083
	6-15	6/18/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.46	0.42	0.88
RAA4-Q8	0-1	6/26/2002	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	0.73	0.56	1.29
RAA4-Q9	0-1	6/26/2002	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.71)	17	11	28
RAA4-R4	0-1	6/26/2002	ND(2.0) [ND(4.0)]	ND(2.0) [ND(4.0)]	ND(2.0) [ND(4.0)]	ND(2.0) [ND(4.0)]	ND(2.0) [ND(4.0)]	70 [54]	ND(2.0) [ND(4.0)]	70 [54]
RAA4-R5	0-1	6/26/2002	ND(38)	ND(38)	ND(38)	ND(38)	ND(38)	1300	ND(38)	1300

TABLE 1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Duplicate sample results are presented in brackets.
4. 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).

Data Qualifiers:

Organics

J - Indicates that the associated numerical value is an estimated concentration.
R - Data was rejected due to a quality assurance/quality control deficiency.

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4A RAA4-E15 0-1 06/07/02	4A RAA4-G5 0-1 06/11/02	4A RAA4-G7 6-15 07/02/02	4A RAA4-G7 10-12 07/02/02	4A RAA4-G11 1-3 06/28/02
Volatile Organics						
1,1,1-Trichloroethane		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
1,1-Dichloroethane		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
1,2-Dichloroethane		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
2-Butanone		ND(0.011)	ND(0.011)	NS	ND(0.012)	ND(0.010)
2-Chloroethylvinylether		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Acetone		ND(0.021)	ND(0.023)	NS	ND(0.024)	ND(0.021)
Benzene		ND(0.00530)	ND(0.0057)	NS	ND(0.00590)	ND(0.00520)
Carbon Disulfide		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Chlorobenzene		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Ethylbenzene		ND(0.00530)	ND(0.0057)	NS	ND(0.00590)	ND(0.00520)
Methylene Chloride		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Styrene		ND(0.00530)	ND(0.0057)	NS	ND(0.00590)	ND(0.00520)
Tetrachloroethene		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Toluene		ND(0.00530)	ND(0.0057)	NS	ND(0.00590)	ND(0.00520)
Trichloroethene		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Trichlorofluoromethane		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Xylenes (total)		ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
1,2,4-Trichlorobenzene		ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
1,2-Dichlorobenzene		ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
1,2-Diphenylhydrazine		ND(0.35)	ND(0.61)	ND(0.43)	NS	NS
1,3-Dichlorobenzene		ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
1,3-Dinitrobenzene		ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
1,4-Dichlorobenzene		ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
2,4-Dimethylphenol		ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
2-Chloronaphthalene		ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
2-Chlorophenol		ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
2-Methylnaphthalene		ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
2-Methylphenol		ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
2-Nitroaniline		ND(1.80)	ND(3.00)	ND(2.20)	NS	NS
3&4-Methylphenol		ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
4-Chloroaniline		ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
4-Chlorobenzilate		ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
4-Phenylenediamine		ND(0.71) J	ND(0.76) J	ND(0.79) J	NS	NS
Acenaphthene		ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Acenaphthylene		ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Acetophenone		ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Aniline		ND(0.350)	2.50	ND(0.430)	NS	NS
Anthracene		ND(0.350)	0.150 J	ND(0.430)	NS	NS
Benzo(a)anthracene		ND(0.350)	0.870	ND(0.430)	NS	NS
Benzo(a)pyrene		ND(0.350)	1.00	ND(0.430)	NS	NS
Benzo(b)fluoranthene		ND(0.350)	1.10	ND(0.430)	NS	NS
Benzo(g,h,i)perylene		ND(0.350)	0.880	ND(0.430)	NS	NS
Benzo(k)fluoranthene		ND(0.350)	0.960	ND(0.430)	NS	NS
Benzyl Alcohol		ND(0.710)	ND(1.20)	ND(0.860)	NS	NS
bis(2-Ethylhexyl)phthalate		ND(0.350)	0.590	ND(0.390)	NS	NS
Chrysene		ND(0.350)	1.10	ND(0.430)	NS	NS
Dibenzo(a,h)anthracene		ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Dibenzofuran		ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Diethylphthalate		ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Dimethylphthalate		ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Di-n-Butylphthalate		ND(0.350)	0.270 J	ND(0.430)	NS	NS
Diphenylamine		ND(0.35)	ND(0.61)	ND(0.43)	NS	NS
Fluoranthene		ND(0.350)	2.10	ND(0.430)	NS	NS
Fluorene		ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Hexachlorobenzene		ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Indeno(1,2,3-cd)pyrene		ND(0.350)	0.670	ND(0.430)	NS	NS
Naphthalene		ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Nitrobenzene		ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
N-Nitrosodiphenylamine		ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
o-Toluidine		ND(0.350)	ND(0.610)	ND(0.430)	NS	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4A RAA4-E15 0-1 06/07/02	4A RAA4-G5 0-1 06/11/02	4A RAA4-G7 6-15 07/02/02	4A RAA4-G7 10-12 07/02/02	4A RAA4-G11 1-3 06/28/02
Semivolatile Organics (continued)						
Pentachlorobenzene		ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Pentachlorophenol		ND(1.80)	ND(3.00)	ND(2.20)	NS	NS
Phenanthrene		ND(0.350)	0.930	ND(0.430)	NS	NS
Phenol		ND(0.350)	0.160 J	ND(0.430)	NS	NS
Pyrene		ND(0.350)	1.70	ND(0.430)	NS	NS
Pyridine		ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Furans						
2,3,7,8-TCDF		0.0000023 Y	0.000076 Y	0.00000015 J	NS	NS
TCDFs (total)		0.000030	0.00085 Q	0.00000025	NS	NS
1,2,3,7,8-PeCDF		0.0000015 JQ	0.000042	ND(0.00000026)	NS	NS
2,3,4,7,8-PeCDF		0.0000086 Q	0.00010	ND(0.00000026)	NS	NS
PeCDFs (total)		0.00014 Q	0.0015 QI	ND(0.00000026)	NS	NS
1,2,3,4,7,8-HxCDF		0.0000033	0.000079	ND(0.00000026)	NS	NS
1,2,3,6,7,8-HxCDF		0.0000033 Q	0.000053	ND(0.00000026)	NS	NS
1,2,3,7,8,9-HxCDF		0.00000098 J	0.000013	ND(0.00000026)	NS	NS
2,3,4,6,7,8-HxCDF		0.000011	0.00013	ND(0.00000026)	NS	NS
HxCDFs (total)		0.00017 Q	0.0018 I	ND(0.00000026)	NS	NS
1,2,3,4,6,7,8-HpCDF		0.0000084	0.00017	ND(0.00000010) X	NS	NS
1,2,3,4,7,8,9-HpCDF		0.0000010 J	0.000019	ND(0.00000026)	NS	NS
HpCDFs (total)		0.000023	0.00040	ND(0.00000026)	NS	NS
OCDF		0.0000044 J	0.00012	ND(0.00000053)	NS	NS
Dioxins						
2,3,7,8-TCDD		ND(0.00000014)	0.0000010	ND(0.00000011)	NS	NS
TCDDs (total)		ND(0.00000014)	0.000022 Q	ND(0.00000037)	NS	NS
1,2,3,7,8-PeCDD		ND(0.00000026)	ND(0.0000037) X	ND(0.00000026)	NS	NS
PeCDDs (total)		ND(0.00000026)	0.000035	ND(0.00000043)	NS	NS
1,2,3,4,7,8-HxCDD		ND(0.00000028) XQ	0.0000051	ND(0.00000026)	NS	NS
1,2,3,6,7,8-HxCDD		0.00000042 JQ	0.000010	ND(0.00000026)	NS	NS
1,2,3,7,8,9-HxCDD		0.00000027 JQ	0.0000075	ND(0.00000026)	NS	NS
HxCDDs (total)		0.0000033 Q	0.000098	0.00000011	NS	NS
1,2,3,4,6,7,8-HpCDD		0.0000032	0.00011	0.00000054 J	NS	NS
HpCDDs (total)		0.0000068	0.00023	0.0000010	NS	NS
OCDD		0.000020 J	0.00068	0.000016	NS	NS
Total TEQs (WHO TEFs)		0.0000069	0.000095	0.00000037	NS	NS
Inorganics						
Antimony		1.40 B	61.0	ND(6.00)	NS	NS
Arsenic		1.70	3.10	3.00	NS	NS
Barium		ND(20.0)	38.0	ND(20.0) J	NS	NS
Beryllium		0.120 B	0.150 B	ND(0.500)	NS	NS
Cadmium		ND(0.500)	0.610	ND(0.500)	NS	NS
Chromium		2.90	16.0	6.20	NS	NS
Cobalt		ND(5.00)	13.0 J	5.70 J	NS	NS
Copper		9.50	83.0	26.0	NS	NS
Cyanide		ND(0.110)	ND(0.110)	ND(0.120)	NS	NS
Lead		4.40 J	86.0	4.90	NS	NS
Mercury		ND(0.110)	0.120	ND(0.120)	NS	NS
Nickel		6.10	20.0	9.10	NS	NS
Selenium		ND(1.00)	ND(1.00) J	ND(1.00)	NS	NS
Silver		ND(1.00)	ND(1.00)	ND(1.00) J	NS	NS
Sulfide		36.0	33.0	24.0	NS	NS
Thallium		ND(1.10)	ND(1.70) J	ND(1.80) J	NS	NS
Tin		ND(10.0)	ND(10.0)	4.00 B	NS	NS
Vanadium		ND(5.00)	12.0	6.70	NS	NS
Zinc		21.0	1100	40.0 J	NS	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	Averaging Area:	4A	4A	4A	4A	4A
	Sample ID:	RAA4-G11	RAA4-G14	RAA4-G17	RAA4-H3	RAA4-H7
	Sample Depth(Feet):	1-6	1-6	0-1	6-15	1-2
Parameter	Date Collected:	06/28/02	07/08/02	06/07/02	06/11/02	06/13/02
Volatile Organics						
1,1,1-Trichloroethane		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
1,1-Dichloroethane		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
1,2-Dichloroethane		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
2-Butanone		NS	NS	NS	NS	ND(0.011) [ND(0.011)]
2-Chloroethylvinylether		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Acetone		NS	NS	NS	NS	ND(0.022) J [ND(0.022) J]
Benzene		NS	NS	NS	NS	ND(0.00550) [ND(0.00550)]
Carbon Disulfide		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Chlorobenzene		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Ethylbenzene		NS	NS	NS	NS	ND(0.00550) [ND(0.00550)]
Methylene Chloride		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Styrene		NS	NS	NS	NS	ND(0.00550) [ND(0.00550)]
Tetrachloroethene		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Toluene		NS	NS	NS	NS	ND(0.00550) [ND(0.00550)]
Trichloroethene		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Trichlorofluoromethane		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Xylenes (total)		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(1.00)	NS	NS	NS	NS
1,2,4-Trichlorobenzene		ND(1.00)	NS	NS	NS	NS
1,2-Dichlorobenzene		ND(1.00)	NS	NS	NS	NS
1,2-Diphenylhydrazine		ND(1.0)	NS	NS	NS	NS
1,3-Dichlorobenzene		ND(1.00)	NS	NS	NS	NS
1,3-Dinitrobenzene		ND(1.00)	NS	NS	NS	NS
1,4-Dichlorobenzene		ND(1.00)	NS	NS	NS	NS
2,4-Dimethylphenol		ND(1.00)	NS	NS	NS	NS
2-Chloronaphthalene		ND(1.00)	NS	NS	NS	NS
2-Chlorophenol		ND(1.00)	NS	NS	NS	NS
2-Methylnaphthalene		0.300 J	NS	NS	NS	NS
2-Methylphenol		ND(1.00)	NS	NS	NS	NS
2-Nitroaniline		ND(5.20)	NS	NS	NS	NS
3&4-Methylphenol		ND(1.00)	NS	NS	NS	NS
4-Chloroaniline		ND(1.00)	NS	NS	NS	NS
4-Chlorobenzilate		ND(1.00)	NS	NS	NS	NS
4-Phenylenediamine		ND(1.0) J	NS	NS	NS	NS
Acenaphthene		1.60	NS	NS	NS	NS
Acenaphthylene		ND(1.00)	NS	NS	NS	NS
Acetophenone		ND(1.00)	NS	NS	NS	NS
Aniline		ND(1.00)	NS	NS	NS	NS
Anthracene		1.70	NS	NS	NS	NS
Benzo(a)anthracene		3.90	NS	NS	NS	NS
Benzo(a)pyrene		3.80	NS	NS	NS	NS
Benzo(b)fluoranthene		3.40	NS	NS	NS	NS
Benzo(g,h,i)perylene		1.80	NS	NS	NS	NS
Benzo(k)fluoranthene		4.00	NS	NS	NS	NS
Benzyl Alcohol		ND(2.10)	NS	NS	NS	NS
bis(2-Ethylhexyl)phthalate		ND(0.520)	NS	NS	NS	NS
Chrysene		4.40	NS	NS	NS	NS
Dibenzo(a,h)anthracene		ND(1.00)	NS	NS	NS	NS
Dibenzofuran		0.660 J	NS	NS	NS	NS
Diethylphthalate		ND(1.00)	NS	NS	NS	NS
Dimethylphthalate		ND(1.00)	NS	NS	NS	NS
Di-n-Butylphthalate		ND(1.00)	NS	NS	NS	NS
Diphenylamine		ND(1.0)	NS	NS	NS	NS
Fluoranthene		8.00	NS	NS	NS	NS
Fluorene		1.00 J	NS	NS	NS	NS
Hexachlorobenzene		ND(1.00)	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene		1.80	NS	NS	NS	NS
Naphthalene		1.80	NS	NS	NS	NS
Nitrobenzene		ND(1.00)	NS	NS	NS	NS
N-Nitrosodiphenylamine		ND(1.00)	NS	NS	NS	NS
o-Toluidine		ND(1.00)	NS	NS	NS	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	Averaging Area:	4A	4A	4A	4A	4A
	Sample ID:	RAA4-G11	RAA4-G14	RAA4-G17	RAA4-H3	RAA4-H7
	Sample Depth(Feet):	1-6	1-6	0-1	6-15	1-2
Parameter	Date Collected:	06/28/02	07/08/02	06/07/02	06/11/02	06/13/02
Semivolatile Organics (continued)						
Pentachlorobenzene		ND(1.00)	NS	NS	NS	NS
Pentachlorophenol		ND(5.20)	NS	NS	NS	NS
Phenanthrene		10.0	NS	NS	NS	NS
Phenol		ND(1.00)	NS	NS	NS	NS
Pyrene		10.0	NS	NS	NS	NS
Pyridine		ND(1.00)	NS	NS	NS	NS
Furans						
2,3,7,8-TCDF		0.0000038 Y	0.000016 Y	0.00023 Y	ND(0.00000021)	NS
TCDFs (total)		0.000023	0.00016	0.0034 QI	0.0000034	NS
1,2,3,7,8-PeCDF		0.0000013 J	0.0000078	0.00022	ND(0.00000020)	NS
2,3,4,7,8-PeCDF		0.0000031	0.000021	0.00073	ND(0.00000030)	NS
PeCDFs (total)		0.000030 Q	0.00023 I	0.012 QI	0.0000025 Q	NS
1,2,3,4,7,8-HxCDF		0.0000034	0.000016	0.00068	ND(0.00000033) X	NS
1,2,3,6,7,8-HxCDF		0.0000020 J	0.000012	0.00050	ND(0.00000029)	NS
1,2,3,7,8,9-HxCDF		0.00000074 J	0.0000021 J	0.000094	ND(0.00000027)	NS
2,3,4,6,7,8-HxCDF		0.0000039	0.000025	0.00096	ND(0.00000037)	NS
HxCDFs (total)		0.000043	0.00034	0.014	0.0000021	NS
1,2,3,4,6,7,8-HpCDF		0.0000060	0.000034	0.0013 EJ	0.00000096 J	NS
1,2,3,4,7,8,9-HpCDF		ND(0.00000096) X	0.0000043	0.00017	ND(0.00000027)	NS
HpCDFs (total)		0.0000065	0.000078	0.0025	0.0000011	NS
OCDF		0.0000050	0.000022	0.0014	0.00000057 J	NS
Dioxins						
2,3,7,8-TCDD		ND(0.00000015) X	ND(0.00000032) X	0.0000025	ND(0.00000011)	NS
TCDDs (total)		0.0000026	0.0000065	0.000056 Q	0.00000013	NS
1,2,3,7,8-PeCDD		0.00000024 J	0.00000096 J	ND(0.000036) X	ND(0.00000011) X	NS
PeCDDs (total)		0.0000038 Q	0.0000097	0.00013 Q	ND(0.00000057)	NS
1,2,3,4,7,8-HxCDD		0.00000046 J	0.00000082 J	0.000017	ND(0.00000012) X	NS
1,2,3,6,7,8-HxCDD		0.00000071 J	0.0000015 J	0.000026	ND(0.00000018)	NS
1,2,3,7,8,9-HxCDD		0.00000055 J	0.0000011 J	0.000021	0.00000017 J	NS
HxCDDs (total)		0.0000092	0.000021	0.00034	ND(0.00000053)	NS
1,2,3,4,6,7,8-HpCDD		0.0000026	0.0000074	0.00013	ND(0.0000012)	NS
HpCDDs (total)		0.0000053	0.000017	0.00026	0.0000026	NS
OCDD		0.000013	0.000086	0.00055	0.000017	NS
Total TEQs (WHO TEFs)		0.0000036	0.000020	0.00067	0.00000031	NS
Inorganics						
Antimony		ND(6.00)	NS	NS	ND(6.00)	NS
Arsenic		6.50	NS	NS	4.80	NS
Barium		55.0	NS	NS	35.0	NS
Beryllium		ND(0.500)	NS	NS	ND(0.500)	NS
Cadmium		ND(0.500)	NS	NS	ND(0.500)	NS
Chromium		7.80	NS	NS	11.0	NS
Cobalt		6.40 J	NS	NS	8.60 J	NS
Copper		81.0	NS	NS	36.0	NS
Cyanide		ND(0.100)	NS	NS	ND(0.130)	NS
Lead		100	NS	NS	41.0	NS
Mercury		0.200	NS	NS	ND(0.130)	NS
Nickel		11.0	NS	NS	19.0	NS
Selenium		ND(1.00) J	NS	NS	ND(1.00) J	NS
Silver		ND(1.00) J	NS	NS	ND(1.00)	NS
Sulfide		39.0	NS	NS	81.0	NS
Thallium		ND(1.60) J	NS	NS	ND(1.80)	NS
Tin		ND(12.0)	NS	NS	63.0	NS
Vanadium		6.00	NS	NS	15.0	NS
Zinc		180 J	NS	NS	72.0	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	4A RAA4-H7 1-6 06/13/02	4A RAA4-I3 0-1 06/24/02	4A RAA4-I5 6-15 07/03/02	4A RAA4-I5 8-10 07/03/02
Volatile Organics				
1,1,1-Trichloroethane	NS	ND(0.0060)	NS	ND(0.0069)
1,1-Dichloroethane	NS	ND(0.0060)	NS	ND(0 0069)
1,2-Dichloroethane	NS	ND(0.0060)	NS	ND(0.0069)
2-Butanone	NS	ND(0.012)	NS	ND(0.014)
2-Chloroethylvinylether	NS	ND(0.0060)	NS	ND(0.0069)
Acetone	NS	ND(0.024)	NS	ND(0.028)
Benzene	NS	ND(0.00600)	NS	ND(0.00690)
Carbon Disulfide	NS	ND(0.0060)	NS	ND(0 0069)
Chlorobenzene	NS	ND(0.0050)	NS	ND(0.0059)
Ethylbenzene	NS	ND(0.00600)	NS	2.00
Methylene Chloride	NS	ND(0.0060)	NS	ND(0.0069)
Styrene	NS	ND(0.00600)	NS	ND(0.00690)
Tetrachloroethene	NS	ND(0.0060)	NS	ND(0.0069)
Toluene	NS	ND(0.00600)	NS	0.0190
Trichloroethene	NS	ND(0.0060)	NS	ND(0.0069)
Trichlorofluoromethane	NS	ND(0.0060)	NS	ND(0.0069)
Xylenes (total)	NS	ND(0.0060)	NS	13
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
1,2,4-Trichlorobenzene	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
1,2-Dichlorobenzene	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
1,2-Diphenylhydrazine	ND(0.37) [ND(0.36)]	ND(0.40)	ND(0.46)	NS
1,3-Dichlorobenzene	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
1,3-Dinitrobenzene	ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
1,4-Dichlorobenzene	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
2,4-Dimethylphenol	ND(0.370) [ND(0.360)]	ND(0.400)	0.410 J	NS
2-Chloronaphthalene	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.46) J	NS
2-Chlorophenol	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
2-Methylnaphthalene	0.0840 J [ND(0.360)]	ND(0.400)	ND(0.460)	NS
2-Methylphenol	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
2-Nitroaniline	ND(1.90) [ND(1.90)]	ND(2.00)	ND(2.40)	NS
3&4-Methylphenol	ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
4-Chloroaniline	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
4-Chlorobenzilate	ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
4-Phenylenediamine	ND(0.74) J [ND(0.73) J]	ND(0.81) J	ND(0.93) J	NS
Acenaphthene	ND(0.370) [ND(0.360)]	0.220 J	ND(0.460)	NS
Acenaphthylene	0.650 [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Acetophenone	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Aniline	ND(0.370) [ND(0.360)]	1.90	ND(0.460)	NS
Anthracene	0.300 J [ND(0.360)]	0.410	ND(0.460)	NS
Benzo(a)anthracene	2.0 J [0.35 J]	0.880	ND(0.460)	NS
Benzo(a)pyrene	2.9 J [0.46 J]	0.820	ND(0.460)	NS
Benzo(b)fluoranthene	2.5 J [0.50 J]	1.00	ND(0.460)	NS
Benzo(g,h,i)perylene	3.4 J [0.27 J]	0.340 J	ND(0.460)	NS
Benzo(k)fluoranthene	2.3 J [0.42 J]	0.740	ND(0.460)	NS
Benzyl Alcohol	ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
bis(2-Ethylhexyl)phthalate	ND(0.360) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Chrysene	2.0 J [0.40 J]	0.930	ND(0.460)	NS
Dibenzo(a,h)anthracene	0.820 [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Dibenzofuran	ND(0.370) [ND(0.360)]	0.110 J	ND(0.460)	NS
Diethylphthalate	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Dimethylphthalate	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Di-n-Butylphthalate	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Diphenylamine	ND(0.37) [ND(0.36)]	ND(0.40)	ND(0.46)	NS
Fluoranthene	2.5 J [0.55 J]	2.00	ND(0.460)	NS
Fluorene	ND(0.370) [ND(0.360)]	0.160 J	ND(0.460)	NS
Hexachlorobenzene	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Indeno(1,2,3-cd)pyrene	2.1 J [0.19 J]	0.270 J	ND(0.460)	NS
Naphthalene	0.250 J [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Nitrobenzene	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
N-Nitrosodiphenylamine	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
o-Toluidine	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4A RAA4-H7 1-6 06/13/02	4A RAA4-I3 0-1 06/24/02	4A RAA4-I5 6-15 07/03/02	4A RAA4-I5 8-10 07/03/02
Semivolatile Organics (continued)					
Pentachlorobenzene		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Pentachlorophenol		ND(1.90) [ND(1.90)]	ND(2.00)	ND(2.40)	NS
Phenanthrene		0.73 J [0.19 J]	2.00	ND(0.460)	NS
Phenol		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Pyrene		3.2 J [0.63 J]	3.00	ND(0.460)	NS
Pyridine		ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Furans					
2,3,7,8-TCDF		0.00000018 J [ND(0.00000032) X]	0.000028 Y	ND(0.00000018)	NS
TCDFs (total)		0.0000020 [0.0000012]	0.00024	ND(0.00000018)	NS
1,2,3,7,8-PeCDF		0.00000012 J [ND(0.00000014) X]	0.000014	ND(0.00000012) X	NS
2,3,4,7,8-PeCDF		0.00000022 J [0.00000022 J]	0.000024	ND(0.00000015) X	NS
PeCDFs (total)		0.0000012 Q [0.0000015 QI]	0.00031 QI	0.00000050	NS
1,2,3,4,7,8-HxCDF		0.00000014 J [0.00000050 J]	0.000026	ND(0.00000032)	NS
1,2,3,6,7,8-HxCDF		ND(0.00000018) X [0.00000043 J]	0.000011	0.00000014 J	NS
1,2,3,7,8,9-HxCDF		ND(0.00000023) [ND(0.00000022)]	0.0000035	ND(0.00000032)	NS
2,3,4,6,7,8-HxCDF		ND(0.00000012) X [0.00000022 J]	0.000018	0.000000048 J	NS
HxCDFs (total)		0.00000058 J [0.0000021 J]	0.00028	0.00000019	NS
1,2,3,4,6,7,8-HpCDF		0.00000034 J [0.00000088 J]	0.000040	ND(0.00000018) X	NS
1,2,3,4,7,8,9-HpCDF		ND(0.00000023) [ND(0.00000023)]	0.0000068	ND(0.00000032)	NS
HpCDFs (total)		0.00000042 J [0.0000011 J]	0.000084	ND(0.00000032)	NS
OCDF		0.00000055 J [0.0000011 J]	0.000045	ND(0.00000064)	NS
Dioxins					
2,3,7,8-TCDD		ND(0.00000018) [ND(0.000000088)]	ND(0.00000038) X	ND(0.00000016)	NS
TCDDs (total)		ND(0.00000026) [0.00000071]	0.0000058	ND(0.00000040)	NS
1,2,3,7,8-PeCDD		ND(0.00000023) [ND(0.00000022)]	ND(0.0000012) X	ND(0.00000032)	NS
PeCDDs (total)		0.00000043 [ND(0.00000035)]	0.0000088	ND(0.00000052)	NS
1,2,3,4,7,8-HxCDD		ND(0.00000023) [ND(0.00000022)]	0.0000017 J	ND(0.00000032)	NS
1,2,3,6,7,8-HxCDD		ND(0.00000013) X [ND(0.00000022)]	0.0000022 J	ND(0.00000032)	NS
1,2,3,7,8,9-HxCDD		0.00000012 J [ND(0.00000022)]	0.0000018 J	ND(0.00000032)	NS
HxCDDs (total)		0.0000012 J [0.00000054 J]	0.000030	ND(0.00000034)	NS
1,2,3,4,6,7,8-HpCDD		0.0000016 J [ND(0.0000012) X]	0.000033	0.0000010 J	NS
HpCDDs (total)		0.0000036 J [0.0000011 J]	0.000063	0.0000023	NS
OCDD		0.000071 J [0.000036 J]	0.00030	0.000020	NS
Total TEQs (WHO TEFs)		0.00000044 [0.00000046]	0.000024	0.00000040	NS
Inorganics					
Antimony		1.00 B [ND(6.00)]	6.10	ND(6.00)	NS
Arsenic		6.30 [6.40]	5.60	2.90	NS
Barium		25.0 [28.0]	44.0	74.0	NS
Beryllium		ND(0.500) [ND(0.500)]	ND(0.500)	0.560	NS
Cadmium		ND(0.500) [0.160 B]	ND(0.500)	ND(0.500)	NS
Chromium		7.00 [7.20]	10.0	14.0	NS
Cobalt		6.40 [7.30]	6.60	9.40	NS
Copper		20.0 [21.0]	120	23.0	NS
Cyanide		ND(0.220) [ND(0.220)]	0.110 B	ND(0.140)	NS
Lead		76.0 [56.0]	46.0	13.0	NS
Mercury		0.280 J [ND(0.110) J]	0.390	0.0560 B	NS
Nickel		12.0 [13.0]	12.0	15.0	NS
Selenium		ND(1.00) J [ND(1.00) J]	ND(1.00)	ND(1.00)	NS
Silver		ND(1.00) [ND(1.00)]	ND(1.00)	ND(1.00)	NS
Sulfide		65.0 [75.0]	35.0	250	NS
Thallium		1.50 J [1.50 J]	ND(1.80)	1.80 B	NS
Tin		ND(10.0) [ND(10.0)]	ND(10.0)	ND(5.50)	NS
Vanadium		9.90 [9.00]	21.0	16.0	NS
Zinc		48.0 [40.0]	140	55.0	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4A RAA4-I9 0-1 06/17/02	4A RAA4-I13 0-1 07/02/02	4A RAA4-I13 6-15 07/02/02	4A RAA4-I15 0-1 04/25/02	4A RAA4-K3 1-5 06/11/02
Volatile Organics						
1,1,1-Trichloroethane		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
1,1-Dichloroethane		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
1,2-Dichloroethane		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
2-Butanone		ND(0.011)	ND(0.010)	NS	ND(0.011)	NS
2-Chloroethylvinylether		ND(0.0057)	ND(0.0052)	NS	ND(0.0057) J	NS
Acetone		ND(0.023)	ND(0.021)	NS	ND(0.023)	NS
Benzene		ND(0.00570)	ND(0.00520)	NS	ND(0.00570)	NS
Carbon Disulfide		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Chlorobenzene		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Ethylbenzene		ND(0.00570)	ND(0.00520)	NS	ND(0.00570)	NS
Methylene Chloride		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Styrene		ND(0.00570)	ND(0.00520)	NS	ND(0.00570)	NS
Tetrachloroethene		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Toluene		ND(0.00570)	ND(0.00520)	NS	ND(0.00570)	NS
Trichloroethene		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Trichlorofluoromethane		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Xylenes (total)		ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
1,2,4-Trichlorobenzene		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
1,2-Dichlorobenzene		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
1,2-Diphenylhydrazine		ND(7.4)	ND(0.38)	NS	ND(0.57)	ND(0.40)
1,3-Dichlorobenzene		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
1,3-Dinitrobenzene		ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
1,4-Dichlorobenzene		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
2,4-Dimethylphenol		23.0	ND(0.380)	NS	4.00	ND(0.400)
2-Chloronaphthalene		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
2-Chlorophenol		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
2-Methylnaphthalene		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
2-Methylphenol		15.0	ND(0.380)	NS	3.40	ND(0.400)
2-Nitroaniline		ND(37.0)	ND(1.90)	NS	ND(2.80)	ND(2.00)
3&4-Methylphenol		28.0	ND(0.700)	NS	5.40	ND(0.790)
4-Chloroaniline		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
4-Chlorobenzilate		ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
4-Phenylenediamine		ND(7.4) J	ND(0.70) J	NS	ND(0.76) J	ND(0.79) J
Acenaphthene		2.50 J	ND(0.380)	NS	0.420 J	ND(0.400)
Acenaphthylene		ND(7.40)	ND(0.380)	NS	0.150 J	ND(0.400)
Acetophenone		ND(7.40)	ND(0.380)	NS	0.470 J	ND(0.400)
Aniline		530	ND(0.380)	NS	66.0	ND(0.400)
Anthracene		6.10 J	ND(0.380)	NS	1.70	ND(0.400)
Benzo(a)anthracene		11.0	ND(0.380)	NS	6.00	ND(0.400)
Benzo(a)pyrene		10.0	ND(0.380)	NS	7.00	ND(0.400)
Benzo(b)fluoranthene		9.50	ND(0.380)	NS	6.30	ND(0.400)
Benzo(g,h,i)perylene		5.70 J	ND(0.380)	NS	5.20	ND(0.400)
Benzo(k)fluoranthene		8.20	ND(0.380)	NS	6.00	ND(0.400)
Benzyl Alcohol		ND(15) J	ND(0.760)	NS	ND(1.10)	ND(0.790)
bis(2-Ethylhexyl)phthalate		ND(3.70)	ND(0.340)	NS	ND(0.370)	ND(0.390)
Chrysene		9.10	ND(0.380)	NS	5.70	ND(0.400)
Dibenzo(a,h)anthracene		ND(7.40)	ND(0.380)	NS	1.70	ND(0.400)
Dibenzofuran		ND(7.40)	ND(0.380)	NS	0.230 J	ND(0.400)
Diethylphthalate		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Dimethylphthalate		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Di-n-Butylphthalate		2.20 J	ND(0.380)	NS	0.470 J	ND(0.400)
Diphenylamine		ND(7.4)	ND(0.38)	NS	ND(0.57)	ND(0.40)
Fluoranthene		24.0	ND(0.380)	NS	10.0	ND(0.400)
Fluorene		2.80 J	ND(0.380)	NS	0.530 J	ND(0.400)
Hexachlorobenzene		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Indeno(1,2,3-cd)pyrene		5.00 J	ND(0.380)	NS	5.70	ND(0.400)
Naphthalene		2.70 J	ND(0.380)	NS	0.320 J	ND(0.400)
Nitrobenzene		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
N-Nitrosodiphenylamine		ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
o-Toluidine		38.0	ND(0.380)	NS	ND(0.570)	ND(0.400)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:				
	4A / RAA4-I9 / 0-1 / 06/17/02	4A / RAA4-I13 / 0-1 / 07/02/02	4A / RAA4-I13 / 6-15 / 07/02/02	4A / RAA4-I15 / 0-1 / 04/25/02	4A / RAA4-K3 / 1-6 / 06/11/02
Semivolatile Organics (continued)					
Pentachlorobenzene	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Pentachlorophenol	ND(37.0)	ND(1.90)	NS	ND(2.80)	ND(2.00)
Phenanthrene	25.0	ND(0.380)	NS	5.80	ND(0.400)
Phenol	73.0	ND(0.380)	NS	12 EJ	ND(0.400)
Pyrene	29.0	ND(0.380)	NS	8.20	ND(0.400)
Pyridine	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Furans					
2,3,7,8-TCDF	0.000079 Y	0.0000054 Y	0.0000026 Y	0.000019 Y	0.00000066 J
TCDFs (total)	0.00065 Q	0.000079 I	0.000024	0.00031	0.0000062
1,2,3,7,8-PeCDF	0.000049	0.0000041	0.0000014 J	0.0000056	ND(0.00000032)
2,3,4,7,8-PeCDF	0.000076	0.000017	0.0000027	0.000012	ND(0.00000041)
PeCDFs (total)	0.00065 QI	0.00017 I	0.000025	0.00041	0.0000049
1,2,3,4,7,8-HxCDF	0.000055	0.0000093	0.0000031	0.000025	0.00000050 J
1,2,3,6,7,8-HxCDF	0.000035	0.0000067	0.0000018 J	0.000012	ND(0.00000030)
1,2,3,7,8,9-HxCDF	0.0000074 Q	0.0000021 J	0.00000048 J	ND(0.0000051) X	0.000000067 J
2,3,4,6,7,8-HxCDF	0.000059	0.000014	0.0000024 J	0.000024	ND(0.00000034)
HxCDFs (total)	0.00078 Q	0.00018	0.000033	0.00040	0.0000033
1,2,3,4,6,7,8-HpCDF	0.000087	0.000016	0.0000044	0.000035	0.00000080 J
1,2,3,4,7,8,9-HpCDF	0.000012	0.0000029	0.00000084 J	0.0000042 J	ND(0.00000010) X
HpCDFs (total)	0.00019	0.000042	0.000010	0.000094	0.0000012
OCDF	0.000070	0.0000097	0.0000037 J	0.000039	0.00000083 J
Dioxins					
2,3,7,8-TCDD	0.00000061 JQ	0.00000016 J	ND(0.00000016) X	0.00000035 J	ND(0.000000098)
TCDDs (total)	0.000031 Q	0.0000015	0.00000046	0.0000052	0.00000013
1,2,3,7,8-PeCDD	ND(0.0000038) X	ND(0.00000057) X	ND(0.00000027)	0.0000011 J	ND(0.00000013) X
PeCDDs (total)	0.000038 Q	0.0000032	0.0000011	0.0000046	ND(0.00000042)
1,2,3,4,7,8-HxCDD	0.0000037	0.00000034 J	0.00000015 J	0.0000011 J	ND(0.000000073) X
1,2,3,6,7,8-HxCDD	0.000011	0.0000010 J	0.00000022 J	0.0000039 J	ND(0.00000011) X
1,2,3,7,8,9-HxCDD	0.0000066	0.00000065 J	ND(0.00000018) X	0.0000026 J	ND(0.00000011)
HxCDDs (total)	0.00010	0.000010	0.0000023	0.000060	ND(0.00000052)
1,2,3,4,6,7,8-HpCDD	0.000068	0.0000040	0.0000011 J	0.00011	ND(0.00000078)
HpCDDs (total)	0.00015	0.0000086	0.0000021	0.00089	0.0000016
OCDD	0.00042	0.000022	ND(0.0000058)	0.0011	0.0000099
Total TEQs (WHO TEFs)	0.000070	0.000013	0.0000028	0.000018	0.00000041
Inorganics					
Antimony	15.0	ND(6.00)	NS	6.60 J	ND(6.00)
Arsenic	6.50	3.50	NS	25.0 J	1.50 J
Barium	86.0	ND(20.0) J	NS	23.0 J	21.0
Beryllium	ND(0.500)	0.0990 B	NS	0.140 B	ND(0.500)
Cadmium	0.740	ND(0.500)	NS	0.530	ND(0.500)
Chromium	11.0	3.00	NS	7.20	9.00
Cobalt	8.70	24.0 J	NS	5.00	9.10 J
Copper	93.0 J	16.0	NS	97.0	19.0
Cyanide	0.280 J	ND(0.210)	NS	ND(0.110)	ND(0.120)
Lead	110	5.30	NS	50.0 J	15.0
Mercury	0.470	ND(0.100)	NS	0.540	ND(0.120)
Nickel	12.0	22.0	NS	10.0 J	15.0
Selenium	ND(1.00) J	ND(1.00)	NS	ND(1.00) J	ND(1.00) J
Silver	ND(1.00)	ND(1.00) J	NS	ND(1.00)	ND(1.00)
Sulfide	46.0 J	6.60	NS	27.0	34.0
Thallium	ND(1.70) J	ND(1.60) J	NS	ND(1.10) J	ND(1.80) J
Tin	ND(10.0)	ND(3.60)	NS	ND(10.0)	ND(4.00)
Vanadium	12.0	ND(5.00)	NS	9.30 J	9.40
Zinc	370 J	32.0 J	NS	130 J	60.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4A RAA4-K3 4-6 06/11/02	4A RAA4-K11 1-6 07/02/02	4A RAA4-K11 4-6 07/02/02	4A RAA4-K15 1-6 06/18/02	4A RAA4-L8 0-1 06/13/02
Volatile Organics						
1,1,1-Trichloroethane		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
1,1-Dichloroethane		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
1,2-Dichloroethane		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
2-Butanone		ND(0.012)	NS	ND(0.011)	NS	ND(0.011)
2-Chloroethylvinylether		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Acetone		0.015 J	NS	ND(0.022)	NS	ND(0.023)
Benzene		ND(0.00590)	NS	ND(0.00550)	NS	ND(0.00570)
Carbon Disulfide		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Chlorobenzene		0.0031 J	NS	ND(0.0055)	NS	ND(0.0057)
Ethylbenzene		ND(0.00590)	NS	ND(0.00550)	NS	ND(0.00570)
Methylene Chloride		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Styrene		ND(0.00590)	NS	ND(0.00550)	NS	ND(0.00570)
Tetrachloroethene		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Toluene		ND(0.00590)	NS	ND(0.00550)	NS	ND(0.00570)
Trichloroethene		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Trichlorofluoromethane		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Xylenes (total)		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		NS	ND(0.400)	NS	NS	ND(0.380)
1,2,4-Trichlorobenzene		NS	ND(0.400)	NS	NS	ND(0.380)
1,2-Dichlorobenzene		NS	ND(0.400)	NS	NS	ND(0.380)
1,2-Diphenylhydrazine		NS	ND(0.40)	NS	NS	ND(0.38)
1,3-Dichlorobenzene		NS	ND(0.400)	NS	NS	ND(0.380)
1,3-Dinitrobenzene		NS	ND(0.740)	NS	NS	ND(0.760)
1,4-Dichlorobenzene		NS	ND(0.400)	NS	NS	ND(0.380)
2,4-Dimethylphenol		NS	ND(0.400)	NS	NS	0.600
2-Chloronaphthalene		NS	ND(0.400)	NS	NS	ND(0.380)
2-Chlorophenol		NS	ND(0.400)	NS	NS	ND(0.380)
2-Methylnaphthalene		NS	ND(0.400)	NS	NS	ND(0.380)
2-Methylphenol		NS	ND(0.400)	NS	NS	0.360 J
2-Nitroaniline		NS	ND(2.00)	NS	NS	ND(1.90)
3&4-Methylphenol		NS	ND(0.740)	NS	NS	0.690 J
4-Chloroaniline		NS	ND(0.400)	NS	NS	ND(0.380)
4-Chlorobenzilate		NS	ND(0.740)	NS	NS	ND(0.760)
4-Phenylenediamine		NS	ND(0.74) J	NS	NS	ND(0.76) J
Acenaphthene		NS	ND(0.400)	NS	NS	ND(0.380)
Acenaphthylene		NS	ND(0.400)	NS	NS	ND(0.380)
Acetophenone		NS	ND(0.400)	NS	NS	ND(0.380)
Aniline		NS	1.30	NS	NS	ND(0.380)
Anthracene		NS	ND(0.400)	NS	NS	ND(0.380)
Benzo(a)anthracene		NS	0.120 J	NS	NS	ND(0.380)
Benzo(a)pyrene		NS	0.160 J	NS	NS	ND(0.380)
Benzo(b)fluoranthene		NS	ND(0.400)	NS	NS	ND(0.380)
Benzo(g,h,i)perylene		NS	ND(0.400)	NS	NS	ND(0.380)
Benzo(k)fluoranthene		NS	ND(0.400)	NS	NS	ND(0.380)
Benzyl Alcohol		NS	ND(0.810)	NS	NS	ND(0.760)
bis(2-Ethylhexyl)phthalate		NS	ND(0.360)	NS	NS	ND(0.380)
Chrysene		NS	0.160 J	NS	NS	ND(0.380)
Dibenzo(a,h)anthracene		NS	ND(0.400)	NS	NS	ND(0.380)
Dibenzofuran		NS	ND(0.400)	NS	NS	ND(0.380)
Diethylphthalate		NS	ND(0.400)	NS	NS	ND(0.380)
Dimethylphthalate		NS	ND(0.400)	NS	NS	ND(0.380)
Di-n-Butylphthalate		NS	ND(0.400)	NS	NS	0.200 J
Diphenylamine		NS	ND(0.40)	NS	NS	ND(0.38)
Fluoranthene		NS	0.220 J	NS	NS	ND(0.380)
Fluorene		NS	ND(0.400)	NS	NS	ND(0.380)
Hexachlorobenzene		NS	ND(0.400)	NS	NS	ND(0.380)
Indeno(1,2,3-cd)pyrene		NS	ND(0.400)	NS	NS	ND(0.380)
Naphthalene		NS	ND(0.400)	NS	NS	0.150 J
Nitrobenzene		NS	ND(0.400)	NS	NS	ND(0.380)
N-Nitrosodiphenylamine		NS	ND(0.400)	NS	NS	ND(0.380)
o-Toluidine		NS	ND(0.400)	NS	NS	ND(0.380)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	Averaging Area:	4A	4A	4A	4A	4A
	Sample ID:	RAA4-K3	RAA4-K11	RAA4-K11	RAA4-K15	RAA4-L8
	Sample Depth(Feet):	4-6	1-6	4-6	1-6	0-1
Parameter	Date Collected:	06/11/02	07/02/02	07/02/02	06/18/02	06/13/02
Semivolatile Organics (continued)						
Pentachlorobenzene		NS	ND(0.400)	NS	NS	ND(0.380)
Pentachlorophenol		NS	ND(2.00)	NS	NS	ND(1.90)
Phenanthrene		NS	0.130 J	NS	NS	ND(0.380)
Phenol		NS	ND(0.400)	NS	NS	0.780
Pyrene		NS	0.220 J	NS	NS	ND(0.380)
Pyridine		NS	ND(0.400)	NS	NS	ND(0.380)
Furans						
2,3,7,8-TCDF		NS	ND(0.00000029) X	NS	0.0010 YEIJ [0.00080 YEIJ]	0.0000028 Y
TCDFs (total)		NS	0.0000031	NS	0.0075 QI [0.0065 QI]	0.000083
1,2,3,7,8-PeCDF		NS	0.00000021 J	NS	0.00040 Q [0.00027 Q]	ND(0.0000011)
2,3,4,7,8-PeCDF		NS	0.00000035 J	NS	0.0020 EJ [0.0016 EJ]	0.000016
PeCDFs (total)		NS	0.0000026 Q	NS	0.022 QI [0.016 QI]	0.00023 I
1,2,3,4,7,8-HxCDF		NS	0.00000032 J	NS	0.0027 EJ [0.0018 EJ]	ND(0.000010)
1,2,3,6,7,8-HxCDF		NS	0.00000030 J	NS	0.0014 EJ [0.00096]	0.0000035
1,2,3,7,8,9-HxCDF		NS	0.00000011 J	NS	0.00054 [0.00036]	ND(0.000011)
2,3,4,6,7,8-HxCDF		NS	0.00000031 J	NS	0.0023 EJ [0.0017 EJ]	0.000014
HxCDFs (total)		NS	0.0000022	NS	0.030 I [0.023]	0.00019
1,2,3,4,6,7,8-HpCDF		NS	0.00000095 J	NS	0.0023 EJ [0.0016 EJ]	0.000012
1,2,3,4,7,8,9-HpCDF		NS	0.000000095 J	NS	0.00070 J [0.00041 J]	0.0000011 J
HpCDFs (total)		NS	0.0000010	NS	0.0086 [0.0057]	0.000033
OCDF		NS	0.0000011 J	NS	0.0013 [0.00081]	0.0000055
Dioxins						
2,3,7,8-TCDD		NS	ND(0.00000010)	NS	0.0000024 [0.0000021]	ND(0.00000019)
TCDDs (total)		NS	0.00000014	NS	0.000051 Q [0.000042 Q]	ND(0.00000019)
1,2,3,7,8-PeCDD		NS	ND(0.000000095) X	NS	0.000025 [0.000018]	ND(0.0000016) X
PeCDDs (total)		NS	0.00000085	NS	0.000078 QJ [0.00014 QJ]	ND(0.00000023)
1,2,3,4,7,8-HxCDD		NS	ND(0.00000026)	NS	0.000030 [0.000022]	ND(0.00000034)
1,2,3,6,7,8-HxCDD		NS	ND(0.00000014) X	NS	0.000033 [0.000024]	ND(0.00000055) X
1,2,3,7,8,9-HxCDD		NS	0.00000013 J	NS	0.000025 [0.000018]	ND(0.00000031)
HxCDDs (total)		NS	0.0000012	NS	0.00039 [0.00030]	0.0000038
1,2,3,4,6,7,8-HpCDD		NS	0.00000072 J	NS	0.00022 [0.00016]	0.0000037
HpCDDs (total)		NS	0.0000012	NS	0.00042 [0.00032]	0.0000080
OCDD		NS	ND(0.0000049)	NS	0.00096 [0.00075]	0.000020
Total TEQs (WHO TEFs)		NS	0.00000045	NS	0.0019 [0.0014]	0.000012
Inorganics						
Antimony		NS	1.60 B	NS	NS	ND(6.00)
Arsenic		NS	7.90	NS	NS	16.0
Barium		NS	100 J	NS	NS	50.0
Beryllium		NS	ND(0.500)	NS	NS	ND(0.500)
Cadmium		NS	0.880	NS	NS	ND(0.500)
Chromium		NS	8.20	NS	NS	6.20
Cobalt		NS	10.0 J	NS	NS	5.30
Copper		NS	80.0	NS	NS	44.0
Cyanide		NS	ND(0.220)	NS	NS	ND(0.230)
Lead		NS	88.0	NS	NS	22.0
Mercury		NS	0.340	NS	NS	ND(0.110) J
Nickel		NS	20.0	NS	NS	11.0
Selenium		NS	ND(1.00)	NS	NS	ND(1.00) J
Silver		NS	ND(1.00) J	NS	NS	ND(1.00)
Sulfide		NS	140	NS	NS	90.0
Thallium		NS	ND(1.60) J	NS	NS	1.20 J
Tin		NS	ND(14.0)	NS	NS	ND(10.0)
Vanadium		NS	8.20	NS	NS	9.30
Zinc		NS	120 J	NS	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 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	4A / RAA4-M3 / 0-1 / 06/11/02	4A / RAA4-M5 / 0-1 / 04/25/02	4A / RAA4-M7 / 0-1 / 07/03/02	4A / RAA4-O1 / 0-1 / 04/25/02	4B / RAA4-1 / 0-1 / 01/30/01	4B / RAA4-2 / 6-8 / 01/24/01
Volatile Organics						
1,1,1-Trichloroethane	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
1,1-Dichloroethane	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
1,2-Dichloroethane	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
2-Butanone	ND(0.013)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.10)	ND(8.7)
2-Chloroethylvinylether	ND(0.0064)	ND(0.0057) J	ND(0.0054)	ND(0.0055) J	ND(0.0069)	ND(0.43) J
Acetone	ND(0.025)	ND(0.023)	ND(0.022)	ND(0.022)	ND(0.10)	ND(8.7)
Benzene	ND(0.00640)	ND(0.00570)	0.0050 J	ND(0.00550)	ND(0.00690)	0.570
Carbon Disulfide	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.010)	ND(0.87)
Chlorobenzene	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
Ethylbenzene	ND(0.00640)	ND(0.00570)	ND(0.0054)	ND(0.00550)	ND(0.00690)	2.40
Methylene Chloride	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
Styrene	ND(0.00640)	ND(0.00570)	ND(0.0054)	ND(0.00550)	ND(0.00690)	ND(0.430)
Tetrachloroethene	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
Toluene	ND(0.00640)	ND(0.00570)	0.13	ND(0.00550)	ND(0.00690)	2.80
Trichloroethene	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43)
Trichlorofluoromethane	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069) J	ND(0.43)
Xylenes (total)	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	10
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
1,2,4-Trichlorobenzene	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
1,2-Dichlorobenzene	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
1,2-Diphenylhydrazine	ND(0.42)	ND(0.50)	ND(0.36)	ND(0.37)	ND(4.6)	NS
1,3-Dichlorobenzene	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
1,3-Dinitrobenzene	ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(23.0)	NS
1,4-Dichlorobenzene	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
2,4-Dimethylphenol	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
2-Chloronaphthalene	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
2-Chlorophenol	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
2-Methylnaphthalene	ND(0.420)	ND(0.500)	0.160 J	ND(0.370)	ND(4.60)	NS
2-Methylphenol	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
2-Nitroaniline	ND(2.20)	ND(2.50)	ND(1.80)	ND(1.90)	ND(23.0)	NS
3&4-Methylphenol	ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(9.20)	NS
4-Chloroaniline	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(9.20)	NS
4-Chlorobenzilate	ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(23.0)	NS
4-Phenylenediamine	ND(0.85) J	ND(0.77) J	ND(0.72) J	ND(0.74) J	ND(23.0)	NS
Acenaphthene	ND(0.420)	0.270 J	ND(0.360)	ND(0.370)	ND(4.60)	NS
Acenaphthylene	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	4.00 J	NS
Acetophenone	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
Aniline	5.50	8.60	0.230 J	0.370	ND(4.60)	NS
Anthracene	ND(0.420)	0.360 J	ND(0.360)	ND(0.370)	1.20 J	NS
Benzo(a)anthracene	0.0910 J	1.20	0.490	0.270 J	10.0	NS
Benzo(a)pyrene	0.110 J	1.40	0.740	0.370	11.0	NS
Benzo(b)fluoranthene	0.110 J	1.40	1.60	0.380	6.10	NS
Benzo(g,h,i)perylene	0.100 J	0.970	0.860	0.320 J	8.10	NS
Benzo(k)fluoranthene	0.120 J	1.40	0.790	0.290 J	7.80	NS
Benzyl Alcohol	ND(0.850)	ND(0.990)	ND(0.720)	ND(0.740)	ND(9.20)	NS
bis(2-Ethylhexyl)phthalate	ND(0.420)	ND(0.380)	ND(0.360)	ND(0.360)	ND(4.60)	NS
Chrysene	0.120 J	1.40	0.770	0.290 J	9.60	NS
Dibenzo(a,h)anthracene	ND(0.420)	ND(0.500)	0.360	ND(0.370)	ND(9.20)	NS
Dibenzofuran	ND(0.420)	0.110 J	ND(0.360)	ND(0.370)	ND(4.60)	NS
Diethylphthalate	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
Dimethylphthalate	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
Di-n-Butylphthalate	0.200 J	0.370 J	ND(0.360)	0.130 J	ND(4.60)	NS
Diphenylamine	ND(0.42)	ND(0.50)	ND(0.36)	ND(0.37)	ND(4.6)	NS
Fluoranthene	0.170 J	2.50	0.720	0.570	12.0	NS
Fluorene	ND(0.420)	0.180 J	ND(0.360)	ND(0.370)	ND(4.60)	NS
Hexachlorobenzene	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
Indeno(1,2,3-cd)pyrene	ND(0.420)	0.780	0.740	0.320 J	7.20 J	NS
Naphthalene	ND(0.420)	0.110 J	0.120 J	ND(0.370)	ND(4.60)	NS
Nitrobenzene	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
N-Nitrosodiphenylamine	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
o-Toluidine	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4A RAA4-M3 0-1 06/11/02	4A RAA4-M5 0-1 04/25/02	4A RAA4-M7 0-1 07/03/02	4A RAA4-O1 0-1 04/25/02	4B RAA4-1 0-1 01/30/01	4B RAA4-2 6-8 01/24/01
Semivolatile Organics (continued)							
Pentachlorobenzene		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
Pentachlorophenol		ND(2.20)	ND(2.50)	ND(1.80)	ND(1.90)	ND(23.0)	NS
Phenanthrene		ND(0.420)	1.80	0.360 J	0.330 J	2.00 J	NS
Phenol		ND(0.420)	0.890	ND(0.360)	ND(0.370)	ND(4.60)	NS
Pyrene		0.150 J	2.60	0.690	0.430	22.0	NS
Pyridine		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.6) J	NS
Furans							
2,3,7,8-TCDF		0.000021 Y	0.000019 YJ	0.0000014 Y	0.00017 Y	0.000018	NS
TCDFs (total)		0.00021	0.00036 J	0.0000072	0.0022 SEJ	0.00012	NS
1,2,3,7,8-PeCDF		0.0000098	0.000069	0.00000062 J	0.000088	0.0000052	NS
2,3,4,7,8-PeCDF		0.000011	0.000014 J	0.00000075 J	0.00014	0.0000074	NS
PeCDFs (total)		0.00014	0.00061 J	0.0000061 Q	0.0056 SEJ	0.000084 Q	NS
1,2,3,4,7,8-HxCDF		0.000015	0.000037	0.00000080 J	0.00044	0.0000049	NS
1,2,3,6,7,8-HxCDF		0.0000080	0.000011	0.00000043 J	0.00027	0.0000030 J	NS
1,2,3,7,8,9-HxCDF		0.0000016 J	0.0000041 J	ND(0.00000026)	ND(0.00047) X	ND(0.00000079) X	NS
2,3,4,6,7,8-HxCDF		0.0000083	0.000017	0.00000053 J	0.00079	0.0000042	NS
HxCDFs (total)		0.00012	0.00036	0.0000060	0.0085 SEJ	0.000062	NS
1,2,3,4,6,7,8-HpCDF		0.000023	0.000031	0.0000014 J	0.0010	0.000018	NS
1,2,3,4,7,8,9-HpCDF		0.0000025 J	0.0000035 J	0.00000020 J	0.00010	0.0000011 J	NS
HpCDFs (total)		0.000038	0.000065	0.0000031	0.0027	0.000032	NS
OCDF		0.000020	0.000026	0.0000019 J	0.00039	0.000011	NS
Dioxins							
2,3,7,8-TCDD		ND(0.00000030) X	0.00000045 J	ND(0.00000015)	0.0000028	ND(0.00000034) X	NS
TCDDs (total)		0.000012	0.0000041 J	0.00000041	0.000038	0.00000082	NS
1,2,3,7,8-PeCDD		ND(0.0000014) X	ND(0.00000010) J	0.00000022 J	0.000016	0.00000043 J	NS
PeCDDs (total)		0.000010	ND(0.0000030) XJ	0.0000028 Q	0.000058	0.0000039 Q	NS
1,2,3,4,7,8-HxCDD		0.00000077 J	ND(0.00000020) J	0.00000031 J	0.000021	0.00000045 J	NS
1,2,3,6,7,8-HxCDD		0.0000012 J	ND(0.0000014) X	0.00000050 J	0.000030	0.00000078 J	NS
1,2,3,7,8,9-HxCDD		0.0000011 J	ND(0.0000020) X	0.00000068 J	0.000027	0.00000067 J	NS
HxCDDs (total)		0.000018	0.0000021 J	0.0000078	0.00030	0.0000089	NS
1,2,3,4,6,7,8-HpCDD		0.000013	0.000013	0.000011	0.00022	0.0000080	NS
HpCDDs (total)		0.000027	0.000027	0.000023	0.00051	0.000016	NS
OCDD		0.00014	0.000098	0.00022	0.00086	ND(0.000043)	NS
Total TEQs (WHO TEFs)		0.000013	0.000020	0.0000013	0.00030	0.0000081	NS
Inorganics							
Antimony		ND(6.00)	ND(6.00) J	0.890 B	1.40 J	ND(12.0)	NS
Arsenic		10.0	20.0 J	6.60	5.20 J	ND(21.0)	NS
Barium		44.0	40.0 J	73.0	69.0 J	ND(42.0)	NS
Beryllium		ND(0.500)	ND(0.500)	ND(0.500)	0.140 B	0.360	NS
Cadmium		ND(0.500)	2.30	ND(0.500)	0.590	ND(2.10)	NS
Chromium		19.0	16.0	7.00	7.40	9.90	NS
Cobalt		6.30	8.90	16.0	ND(5.00)	ND(10.0)	NS
Copper		160	130	42.0	85.0	39.0	NS
Cyanide		ND(0.130)	0.260 J	0.0770 B	ND(0.110)	5.40	NS
Lead		50.0	40.0 J	14.0	49.0 J	29.0	NS
Mercury		0.160	ND(0.110)	0.0660 B	0.310	ND(0.280)	NS
Nickel		22.0	15.0 J	10.0	11.0 J	21.0	NS
Selenium		ND(1.00) J	1.50 J	0.500 B	ND(1.00) J	ND(1.00) J	NS
Silver		ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	NS
Sulfide		45.0	77.0	520	60.0	20.0	NS
Thallium		ND(2.50)	ND(1.10) J	2.40	ND(1.10) J	ND(2.10)	NS
Tin		15.0	ND(11.0)	ND(4.10)	ND(10.0)	ND(62.0)	NS
Vanadium		28.0	34.0 J	12.0	6.80 J	14.0	NS
Zinc		96.0	86.0 J	33.0	110 J	55.0	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-2 6-15 01/24/01	4B RAA4-4 6-15 01/24/01	4B RAA4-4 12-14 01/24/01	4B RAA4-5 0-1 01/30/01	4B RAA4-8 0-1 01/30/01
Volatile Organics						
1,1,1-Trichloroethane		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
1,1-Dichloroethane		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
1,2-Dichloroethane		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
2-Butanone		NS	NS	ND(320)	ND(0.10)	ND(0.10) [ND(0.10)]
2-Chloroethylvinylether		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Acetone		NS	NS	ND(320)	ND(0.10)	ND(0.10) [ND(0.10)]
Benzene		NS	NS	100	ND(0.00670)	ND(0.00660) [ND(0.00800)]
Carbon Disulfide		NS	NS	ND(32)	ND(0.010)	ND(0.010) [ND(0.010)]
Chlorobenzene		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Ethylbenzene		NS	NS	280	ND(0.00670)	ND(0.00660) [ND(0.00800)]
Methylene Chloride		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Styrene		NS	NS	ND(16.0)	ND(0.00670)	ND(0.00660) [ND(0.00800)]
Tetrachloroethene		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Toluene		NS	NS	640	ND(0.00670)	ND(0.00660) [ND(0.00800)]
Trichloroethene		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Trichlorofluoromethane		NS	NS	ND(16)	ND(0.0067) J	ND(0.0066) J [ND(0.0080)]
Xylenes (total)		NS	NS	450	ND(0.0067)	ND(0.013) [ND(0.016)]
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
1,2,4-Trichlorobenzene		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
1,2-Dichlorobenzene		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
1,2-Diphenylhydrazine		ND(4.6)	ND(4.3)	NS	ND(8.9)	ND(4.3) [ND(5.3)]
1,3-Dichlorobenzene		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
1,3-Dinitrobenzene		ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
1,4-Dichlorobenzene		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
2,4-Dimethylphenol		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
2-Chloronaphthalene		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
2-Chlorophenol		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
2-Methylnaphthalene		130	330	NS	20.0	2.00 J [2.80 J]
2-Methylphenol		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
2-Nitroaniline		ND(23) J	ND(21) J	NS	ND(44.0)	ND(22.0) [ND(26.0)]
3&4-Methylphenol		ND(9.30)	ND(8.60)	NS	ND(18.0)	ND(8.70) [ND(10.0)]
4-Chloroaniline		ND(9.30)	ND(8.60)	NS	ND(18.0)	ND(8.70) [ND(10.0)]
4-Chlorobenzilate		ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
4-Phenylenediamine		ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
Acenaphthene		9.50	180	NS	8.00 J	2.70 J [ND(5.30)]
Acenaphthylene		56.0	150	NS	71.0	ND(4.30) [1.40 J]
Acetophenone		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Aniline		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Anthracene		58.0	290	NS	21.0	9.10 [1.80 J]
Benzo(a)anthracene		46.0	56.0	NS	63.0	15.0 [4.50 J]
Benzo(a)pyrene		30.0	50.0	NS	64.0	10.0 [3.10 J]
Benzo(b)fluoranthene		17.0	14.0	NS	40.0	6.70 [1.50 J]
Benzo(g,h,i)perylene		14.0	26.0	NS	81.0	7.80 [2.50 J]
Benzo(k)fluoranthene		22.0	30.0	NS	43.0	9.90 [2.80 J]
Benzyl Alcohol		ND(9.30)	ND(8.60)	NS	ND(18.0)	ND(8.70) [ND(10.0)]
bis(2-Ethylhexyl)phthalate		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Chrysene		38.0	55.0	NS	46.0	15.0 [5.00 J]
Dibenzo(a,h)anthracene		ND(9.30)	ND(8.60)	NS	7.40 J	ND(8.70) [ND(10.0)]
Dibenzofuran		ND(4.60)	11.0	NS	2.00 J	2.40 J [ND(5.30)]
Diethylphthalate		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Dimethylphthalate		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Di-n-Butylphthalate		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Diphenylamine		ND(4.6)	ND(4.3)	NS	ND(8.9)	ND(4.3) [ND(5.3)]
Fluoranthene		57.0	81.0	NS	110	29.0 [7.30]
Fluorene		40.0	160	NS	38.0	3.90 J [1.80 J]
Hexachlorobenzene		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Indeno(1,2,3-cd)pyrene		ND(9.30)	16.0	NS	55.0	6.70 J [1.50 J]
Naphthalene		250	540	NS	6.90 J	3.70 J [4.50 J]
Nitrobenzene		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
N-Nitrosodiphenylamine		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
o-Toluidine		ND(4.6) J	ND(4.3) J	NS	ND(8.90)	ND(4.30) [ND(5.30)]

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

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-2 6-15 01/24/01	4B RAA4-4 6-15 01/24/01	4B RAA4-4 12-14 01/24/01	4B RAA4-5 0-1 01/30/01	4B RAA4-8 0-1 01/30/01
Semivolatile Organics (continued)						
Pentachlorobenzene		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Pentachlorophenol		ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
Phenanthrene		86.0	390	NS	150	36.0 [14.0]
Phenol		ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Pyrene		190	420	NS	140	28.0 [10.0]
Pyridine		ND(4.60)	ND(4.30)	NS	ND(8.9) J	ND(4.3) J [ND(5.3) J]
Furans						
2,3,7,8-TCDF		ND(0.000040)	ND(0.00014)	NS	0.000014	0.000044 [0.000032]
TCDFs (total)		ND(0.000040)	ND(0.00014)	NS	0.00016	0.00043 I [0.00033 I]
1,2,3,7,8-PeCDF		ND(0.000052)	ND(0.000095)	NS	0.0000069	0.000014 [0.000011]
2,3,4,7,8-PeCDF		ND(0.000051)	ND(0.000094)	NS	0.000027	0.000076 [0.000057]
PeCDFs (total)		ND(0.000052)	ND(0.000095)	NS	0.00026	0.0010 [0.00081]
1,2,3,4,7,8-HxCDF		0.000053 J	ND(0.00012)	NS	0.000014	0.000018 [0.000013]
1,2,3,6,7,8-HxCDF		0.000060 J	ND(0.00011)	NS	0.0000097	0.000031 [0.000025]
1,2,3,7,8,9-HxCDF		0.000064 J	ND(0.00013)	NS	0.0000039 J	0.0000078 [0.0000062]
2,3,4,6,7,8-HxCDF		0.000058 J	ND(0.00012)	NS	0.000021	0.00013 [0.000096]
HxCDFs (total)		0.00029	ND(0.00012)	NS	0.00028	0.0018 [0.0014]
1,2,3,4,6,7,8-HpCDF		0.00013 J	ND(0.000082)	NS	0.000042	0.00012 [0.000092]
1,2,3,4,7,8,9-HpCDF		ND(0.000075)	ND(0.000099)	NS	0.0000061	0.000011 [0.0000098]
HpCDFs (total)		0.00013	ND(0.000089)	NS	0.000092	0.00034 [0.00027]
OCDF		ND(0.00011) X	ND(0.000095)	NS	0.000032	0.000040 [0.000036]
Dioxins						
2,3,7,8-TCDD		ND(0.000042)	ND(0.00016)	NS	ND(0.0000011) X	ND(0.00000054) X [ND(0.00000043) X]
TCDDs (total)		ND(0.000042)	ND(0.00016)	NS	0.0000019	0.0000047 [0.0000057]
1,2,3,7,8-PeCDD		ND(0.000059)	ND(0.00018)	NS	0.0000021	0.0000014 [0.0000011 J]
PeCDDs (total)		ND(0.000059)	ND(0.00018)	NS	0.0000089	0.000013 [0.000012]
1,2,3,4,7,8-HxCDD		ND(0.000039)	ND(0.00015)	NS	0.0000016 J	0.0000013 J [0.0000012 J]
1,2,3,6,7,8-HxCDD		ND(0.000039)	ND(0.00015)	NS	0.0000028 J	0.0000021 J [0.0000018 J]
1,2,3,7,8,9-HxCDD		ND(0.000056) X	ND(0.00014)	NS	0.0000019 J	0.0000015 [0.0000012 J]
HxCDDs (total)		ND(0.000038)	ND(0.00014)	NS	0.000018	0.000025 [0.000022]
1,2,3,4,6,7,8-HpCDD		ND(0.000054)	ND(0.000078)	NS	0.000015	0.000027 [0.000020]
HpCDDs (total)		ND(0.000054)	ND(0.000078)	NS	0.000030	0.000053 [0.000040]
OCDD		0.00022 J	ND(0.00015) X	NS	0.000072	0.00011 [0.000080]
Total TEQs (WHO TEFs)		0.000099	0.00025	NS	0.000024	0.000066 [0.000049]
Inorganics						
Antimony		ND(12.0)	ND(12.0)	NS	ND(12.0)	ND(12.0) [ND(14.0)]
Arsenic		ND(21.0)	ND(15.0)	NS	ND(20.0)	ND(15.0) [ND(15.0)]
Barium		ND(42.0)	ND(30.0)	NS	ND(40.0)	40.0 [54.0]
Beryllium		0.300	0.260	NS	0.280	0.290 [0.370]
Cadmium		ND(2.10)	ND(1.90)	NS	ND(2.00)	ND(2.00) [ND(2.40)]
Chromium		12.0	7.70	NS	12.0	11.0 [13.0]
Cobalt		11.0	12.0	NS	ND(10.0)	11.0 [15.0]
Copper		33.0	25.0	NS	34.0	46.0 [51.0]
Cyanide		ND(1.00)	ND(1.00)	NS	9.20	ND(1.00) [ND(1.00)]
Lead		34.0 J	17.0 J	NS	34.0	44.0 [46.0]
Mercury		ND(0.280)	ND(0.260)	NS	ND(0.270)	0.300 [ND(0.320)]
Nickel		21.0	19.0	NS	14.0	19.0 [24.0]
Selenium		ND(1.00)	ND(0.970)	NS	ND(1.00) J	ND(0.990) J [ND(1.20) J]
Silver		ND(1.00)	ND(0.970)	NS	ND(1.00)	ND(0.990) [ND(1.20)]
Sulfide		160 J	770 J	NS	21.0	16.0 [ND(8.00)]
Thallium		ND(2.10)	ND(1.90)	NS	ND(2.00)	ND(2.00) [ND(2.40)]
Tin		ND(62.0)	ND(58.0)	NS	ND(60.0)	ND(59.0) [ND(72.0)]
Vanadium		11.0	ND(9.70)	NS	12.0	16.0 [19.0]
Zinc		91.0 J	54.0 J	NS	49.0	75.0 [97.0]

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-10 0-1 01/30/01	4B RAA4-13 0-1 01/30/01	4B RAA4-15 0-1 01/30/01	4B RAA4-16 6-15 01/24/01	4B RAA4-16 12-14 01/24/01	4B RAA4-17 0-1 01/29/01
Volatile Organics							
1,1,1-Trichloroethane		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
1,1-Dichloroethane		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
1,2-Dichloroethane		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
2-Butanone		ND(0.10)	ND(0.10)	ND(0.10)	NS	ND(16)	ND(0.10)
2-Chloroethylvinylether		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
Acetone		ND(0.10)	ND(0.10)	ND(0.10)	NS	ND(16)	ND(0.10)
Benzene		ND(0.00730)	ND(0.00830)	ND(0.00690)	NS	5.50	ND(0.00800)
Carbon Disulfide		ND(0.010)	ND(0.010)	ND(0.010)	NS	ND(1.6)	ND(0.010)
Chlorobenzene		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	0.66 J	ND(0.0080)
Ethylbenzene		ND(0.00730)	ND(0.00830)	ND(0.00690)	NS	21.0	ND(0.00800)
Methylene Chloride		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
Styrene		ND(0.00730)	ND(0.00830)	ND(0.00690)	NS	ND(0.820)	ND(0.00800)
Tetrachloroethene		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
Toluene		ND(0.00730)	ND(0.00830)	ND(0.00690)	NS	27.0	ND(0.00800)
Trichloroethene		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
Trichlorofluoromethane		ND(0.0073) J	ND(0.0083) J	ND(0.0069) J	NS	ND(0.82)	ND(0.0080) J
Xylenes (total)		ND(0.015)	ND(0.0083)	ND(0.014)	NS	87	ND(0.0080)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
1,2,4-Trichlorobenzene		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
1,2-Dichlorobenzene		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
1,2-Diphenylhydrazine		ND(0.48)	ND(5.5)	ND(0.88)	ND(5.0)	NS	ND(0.53)
1,3-Dichlorobenzene		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
1,3-Dinitrobenzene		ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
1,4-Dichlorobenzene		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
2,4-Dimethylphenol		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
2-Chloronaphthalene		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
2-Chlorophenol		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
2-Methylnaphthalene		ND(0.480)	ND(5.50)	ND(0.880)	95.0	NS	ND(0.530)
2-Methylphenol		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
2-Nitroaniline		ND(2.50)	ND(28.0)	ND(4.40)	ND(25) J	NS	ND(2.70)
3&4-Methylphenol		ND(0.980)	ND(11.0)	ND(1.80)	ND(10.0)	NS	ND(1.10)
4-Chloroaniline		ND(0.980)	ND(11.0)	ND(1.80)	ND(10.0)	NS	ND(1.10)
4-Chlorobenzilate		ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
4-Phenylenediamine		ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
Acenaphthene		ND(0.480)	ND(5.50)	ND(0.880)	8.60	NS	ND(0.530)
Acenaphthylene		ND(0.480)	4.80 J	ND(0.880)	36.0	NS	0.180 J
Acetophenone		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Aniline		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Anthracene		ND(0.480)	4.70 J	ND(0.880)	80.0	NS	ND(0.530)
Benzo(a)anthracene		0.250 J	49.0	0.210 J	44.0	NS	0.280 J
Benzo(a)pyrene		ND(0.480)	38.0	ND(0.880)	37.0	NS	0.210 J
Benzo(b)fluoranthene		ND(0.480)	34.0	ND(0.880)	14.0	NS	0.170 J
Benzo(g,h,i)perylene		0.140 J	25.0	ND(0.880)	22.0	NS	0.270 J
Benzo(k)fluoranthene		ND(0.480)	35.0	ND(0.880)	26.0	NS	0.310 J
Benzyl Alcohol		ND(0.980)	ND(11.0)	ND(1.80)	ND(10.0)	NS	ND(1.10)
bis(2-Ethylhexyl)phthalate		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Chrysene		0.280 J	43.0	0.340 J	40.0	NS	0.390 J
Dibenzo(a,h)anthracene		ND(0.980)	6.20 J	ND(1.80)	ND(10.0)	NS	ND(1.10)
Dibenzofuran		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Diethylphthalate		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Dimethylphthalate		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Di-n-Butylphthalate		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Diphenylamine		ND(0.48)	ND(5.5)	ND(0.88)	ND(5.0)	NS	ND(0.53)
Fluoranthene		0.560	71.0	0.590 J	76.0	NS	0.290 J
Fluorene		ND(0.480)	ND(5.50)	ND(0.880)	64.0	NS	ND(0.530)
Hexachlorobenzene		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Indeno(1,2,3-cd)pyrene		0.120 J	25.0	ND(1.80)	13.0	NS	ND(1.10)
Naphthalene		ND(0.480)	ND(5.50)	ND(0.880)	880	NS	ND(0.530)
Nitrobenzene		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
N-Nitrosodiphenylamine		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
o-Toluidine		ND(0.480)	ND(5.50)	ND(0.880)	ND(5.0) J	NS	ND(0.530)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	4B / RAA4-10 / 0-1 / 01/30/01	4B / RAA4-13 / 0-1 / 01/30/01	4B / RAA4-15 / 0-1 / 01/30/01	4B / RAA4-16 / 6-15 / 01/24/01	4B / RAA4-16 / 12-14 / 01/24/01	4B / RAA4-17 / 0-1 / 01/29/01
Semivolatile Organics (continued)						
Pentachlorobenzene	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Pentachlorophenol	ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
Phenanthrene	0.520	2.30 J	0.440 J	280	NS	0.260 J
Phenol	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Pyrene	0.520	76.0	0.530 J	230	NS	0.810
Pyridine	ND(0.48) J	ND(5.5) J	ND(0.88) J	ND(5.00)	NS	ND(0.530)
Furans						
2,3,7,8-TCDF	0.0000038	0.000032	0.00013	ND(0.000062)	NS	0.0000087
TCDFs (total)	0.000033	0.00034	0.0010	ND(0.000062)	NS	0.00012 I
1,2,3,7,8-PeCDF	0.0000013 J	0.000012	0.000031	ND(0.000059)	NS	0.0000038
2,3,4,7,8-PeCDF	0.0000024	0.00018	0.000049	ND(0.000058)	NS	0.000035
PeCDFs (total)	0.000024	0.0016 Q	0.00055 Q	ND(0.000058)	NS	0.00052
1,2,3,4,7,8-HxCDF	0.0000026	0.000017	0.000022	ND(0.000054)	NS	ND(0.0000076) X
1,2,3,6,7,8-HxCDF	0.0000013 J	0.000030	0.000016	ND(0.000050)	NS	0.000016
1,2,3,7,8,9-HxCDF	0.00000037 J	0.0000078	0.0000038	ND(0.000059)	NS	ND(0.0000033)
2,3,4,6,7,8-HxCDF	0.0000016 J	0.000089	0.000026	ND(0.000055)	NS	0.000063
HxCDFs (total)	0.000023	0.0011	0.00035	ND(0.000054)	NS	0.00086
1,2,3,4,6,7,8-HpCDF	ND(0.0000056)	0.000041	0.000042	ND(0.000092)	NS	0.000059
1,2,3,4,7,8,9-HpCDF	0.00000098 J	0.0000054	0.0000050	ND(0.00011)	NS	0.0000052
HpCDFs (total)	0.000012	0.00011	0.000091	ND(0.00010)	NS	0.00017
OCDF	0.000011	0.000030	0.000032	ND(0.00011)	NS	0.000016
Dioxins						
2,3,7,8-TCDD	ND(0.000000095)	ND(0.00000055) X	0.0000011	ND(0.000084)	NS	0.00000083
TCDDs (total)	0.00000030	0.0000012	0.000023	ND(0.000084)	NS	0.0000083
1,2,3,7,8-PeCDD	ND(0.000000070)	0.0000019 J	0.0000018 J	ND(0.000080)	NS	ND(0.0000011) X
PeCDDs (total)	ND(0.00000082)	0.000022 Q	0.000026 Q	ND(0.000080)	NS	0.000023
1,2,3,4,7,8-HxCDD	ND(0.000000097)	0.0000014 J	0.00000086 J	ND(0.000064)	NS	0.00000071 J
1,2,3,6,7,8-HxCDD	0.00000026	ND(0.0000035) X	0.0000018 J	ND(0.000063)	NS	ND(0.00000098) X
1,2,3,7,8,9-HxCDD	ND(0.00000011) X	0.0000020 J	0.0000011 J	ND(0.000058)	NS	0.00000071 J
HxCDDs (total)	0.0000012	0.000038 Q	0.000020	ND(0.000062)	NS	0.000031
1,2,3,4,6,7,8-HpCDD	ND(0.0000025)	0.000029	0.000017	ND(0.000077)	NS	0.000011
HpCDDs (total)	0.0000063	0.000056	0.000036	ND(0.000077)	NS	0.000022
OCDD	ND(0.000014)	0.00017	0.000094	ND(0.00012)	NS	0.000041
Total TEQs (WHO TEFs)	0.0000024	0.00011	0.000050	0.00012	NS	0.000029
Inorganics						
Antimony	ND(13.0)	ND(15.0)	ND(12.0)	ND(12.0)	NS	ND(14.0)
Arsenic	ND(15.0)	ND(25.0)	ND(15.0)	ND(15.0)	NS	ND(24.0)
Barium	97.0	ND(50.0)	38.0	36.0	NS	ND(48.0)
Beryllium	0.330	0.310	0.340	0.350	NS	0.430
Cadmium	ND(2.20)	ND(2.50)	ND(2.10)	ND(2.00)	NS	ND(2.40)
Chromium	15.0	11.0	16.0	9.80	NS	11.0
Cobalt	16.0	ND(12.0)	14.0	16.0	NS	ND(12.0)
Copper	78.0	35.0	41.0	36.0	NS	33.0
Cyanide	ND(1.00)	ND(1.00)	ND(1.00)	79.0	NS	ND(1.00)
Lead	76.0	37.0	46.0	13.0 J	NS	28.0
Mercury	ND(0.290)	ND(0.330)	ND(0.280)	ND(0.260)	NS	ND(0.320)
Nickel	30.0	20.0	25.0	27.0	NS	21.0
Selenium	ND(1.10) J	ND(1.20) J	ND(1.00) J	ND(0.980)	NS	ND(1.20) J
Silver	ND(1.10)	ND(1.20)	ND(1.00)	ND(0.980)	NS	ND(1.20)
Sulfide	25.0	ND(8.30)	ND(6.90)	1600 J	NS	23.0
Thallium	2.30	ND(2.50)	ND(2.10)	ND(2.00)	NS	ND(2.40)
Tin	ND(66.0)	ND(75.0)	ND(62.0)	ND(59.0)	NS	ND(72.0)
Vanadium	16.0	14.0	14.0	12.0	NS	16.0
Zinc	160	67.0	95.0	52.0 J	NS	63.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area:	4B	4B	4B	4B	4B	4B
Sample ID:	RAA4-18	RAA4-18	RAA4-19	RAA4-19	RAA4-19	RAA4-21
Sample Depth(Feet):	1-6	4-6	0-1	1-6	3-4	6-15
Date Collected:	01/29/01	01/29/01	01/29/01	01/29/01	01/29/01	01/29/01
Volatile Organics						
1,1,1-Trichloroethane	NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
1,1-Dichloroethane	NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
1,2-Dichloroethane	NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
2-Butanone	NS	ND(0.10)	ND(0.10)	NS	ND(0.10)	NS
2-Chloroethylvinylether	NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
Acetone	NS	ND(0.10)	ND(0.10)	NS	ND(0.10)	NS
Benzene	NS	ND(0.00570)	ND(0.00720)	NS	ND(0.00540)	NS
Carbon Disulfide	NS	ND(0.010)	ND(0.010)	NS	ND(0.010)	NS
Chlorobenzene	NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
Ethylbenzene	NS	ND(0.00570)	ND(0.00720)	NS	ND(0.00540)	NS
Methylene Chloride	NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
Styrene	NS	ND(0.00570)	ND(0.00720)	NS	ND(0.00540)	NS
Tetrachloroethene	NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
Toluene	NS	ND(0.00570)	ND(0.00720)	NS	ND(0.00540)	NS
Trichloroethene	NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
Trichlorofluoromethane	NS	ND(0.0057) J	ND(0.0072) J	NS	ND(0.0054) J	NS
Xylenes (total)	NS	ND(0.011)	ND(0.014)	NS	ND(0.011)	NS
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
1,2,4-Trichlorobenzene	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
1,2-Dichlorobenzene	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
1,2-Diphenylhydrazine	ND(0.38)	NS	ND(0.48)	ND(0.36)	NS	ND(0.55)
1,3-Dichlorobenzene	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
1,3-Dinitrobenzene	ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
1,4-Dichlorobenzene	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
2,4-Dimethylphenol	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
2-Chloronaphthalene	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
2-Chlorophenol	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
2-Methylnaphthalene	ND(0.380)	NS	0.0970 J	ND(0.360)	NS	ND(0.550)
2-Methylphenol	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
2-Nitroaniline	ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
3&4-Methylphenol	ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)
4-Chloroaniline	ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)
4-Chlorobenzilate	ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
4-Phenylenediamine	ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
Acenaphthene	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Acenaphthylene	ND(0.380)	NS	0.200 J	ND(0.360)	NS	ND(0.550)
Acetophenone	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Aniline	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Anthracene	ND(0.380)	NS	0.170 J	ND(0.360)	NS	ND(0.550)
Benzo(a)anthracene	ND(0.380)	NS	0.570	ND(0.360)	NS	ND(0.550)
Benzo(a)pyrene	ND(0.380)	NS	0.580	ND(0.360)	NS	ND(0.550)
Benzo(b)fluoranthene	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Benzo(g,h,i)perylene	ND(0.380)	NS	0.520	ND(0.360)	NS	ND(0.550)
Benzo(k)fluoranthene	ND(0.380)	NS	0.470 J	ND(0.360)	NS	ND(0.550)
Benzyl Alcohol	ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)
bis(2-Ethylhexyl)phthalate	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Chrysene	0.0880 J	NS	0.610	ND(0.360)	NS	ND(0.550)
Dibenzo(a,h)anthracene	ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)
Dibenzofuran	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Diethylphthalate	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Dimethylphthalate	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Di-n-Butylphthalate	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Diphenylamine	ND(0.38)	NS	ND(0.48)	ND(0.36)	NS	ND(0.55)
Fluoranthene	0.0820 J	NS	1.00	ND(0.360)	NS	ND(0.550)
Fluorene	ND(0.380)	NS	0.160 J	ND(0.360)	NS	ND(0.550)
Hexachlorobenzene	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Indeno(1,2,3-cd)pyrene	ND(0.760)	NS	0.400 J	ND(0.720)	NS	ND(1.10)
Naphthalene	ND(0.380)	NS	0.200 J	ND(0.360)	NS	ND(0.550)
Nitrobenzene	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
N-Nitrosodiphenylamine	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
o-Toluidine	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4B	4B	4B	4B	4B	4B
	Sample ID:	RAA4-18	RAA4-18	RAA4-19	RAA4-19	RAA4-19	RAA4-21
	Sample Depth(Feet):	1-6	4-6	0-1	1-6	3-4	6-15
Parameter	Date Collected:	01/29/01	01/29/01	01/29/01	01/29/01	01/29/01	01/29/01
Semivolatile Organics (continued)							
Pentachlorobenzene		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Pentachlorophenol		ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
Phenanthrene		ND(0.380)	NS	1.10	ND(0.360)	NS	0.120 J
Phenol		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Pyrene		0.100 J	NS	1.10	ND(0.360)	NS	ND(0.550)
Pyridine		ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Furans							
2,3,7,8-TCDF		ND(0.000010)	NS	0.000018	ND(0.000011)	NS	ND(0.000014)
TCDFs (total)		ND(0.000010)	NS	0.000161	ND(0.000011)	NS	ND(0.000014)
1,2,3,7,8-PeCDF		ND(0.000020)	NS	0.0000049	ND(0.000015)	NS	ND(0.000017)
2,3,4,7,8-PeCDF		ND(0.000019)	NS	0.0000080	ND(0.000015)	NS	ND(0.000017)
PeCDFs (total)		0.000042	NS	0.00011	ND(0.000015)	NS	ND(0.000017)
1,2,3,4,7,8-HxCDF		ND(0.00018)	NS	0.0000044	ND(0.0000094)	NS	ND(0.000012)
1,2,3,6,7,8-HxCDF		ND(0.00017)	NS	0.0000039	ND(0.0000088)	NS	ND(0.000011)
1,2,3,7,8,9-HxCDF		ND(0.00020)	NS	0.00000088 J	ND(0.000010)	NS	ND(0.000013)
2,3,4,6,7,8-HxCDF		ND(0.00018)	NS	0.0000077	ND(0.0000095)	NS	ND(0.000012)
HxCDFs (total)		0.000066	NS	0.00011	ND(0.0000095)	NS	ND(0.000012)
1,2,3,4,6,7,8-HpCDF		0.000021 J	NS	0.000012	ND(0.0000087)	NS	ND(0.000012)
1,2,3,4,7,8,9-HpCDF		ND(0.000053)	NS	0.0000014 J	ND(0.000010)	NS	ND(0.000014)
HpCDFs (total)		0.000021	NS	0.000028	ND(0.0000095)	NS	ND(0.000013)
OCDF		ND(0.000023)	NS	0.0000089	ND(0.000022)	NS	ND(0.000020)
Dioxins							
2,3,7,8-TCDD		ND(0.000016)	NS	ND(0.00000030) X	ND(0.000018)	NS	ND(0.000019)
TCDDs (total)		ND(0.000016)	NS	0.0000027	ND(0.000018)	NS	ND(0.000019)
1,2,3,7,8-PeCDD		ND(0.000026)	NS	ND(0.00000093) X	ND(0.000017)	NS	ND(0.000020)
PeCDDs (total)		ND(0.000026)	NS	0.0000034	ND(0.000017)	NS	ND(0.000020)
1,2,3,4,7,8-HxCDD		ND(0.000014)	NS	0.00000028 J	ND(0.000011)	NS	ND(0.000012)
1,2,3,6,7,8-HxCDD		ND(0.000014)	NS	0.00000050 J	ND(0.000011)	NS	ND(0.000012)
1,2,3,7,8,9-HxCDD		ND(0.000013)	NS	0.00000039 J	ND(0.000010)	NS	ND(0.000011)
HxCDDs (total)		ND(0.000014)	NS	0.0000051	ND(0.000011)	NS	ND(0.000012)
1,2,3,4,6,7,8-HpCDD		ND(0.000023)	NS	0.0000072	ND(0.000018)	NS	ND(0.000021)
HpCDDs (total)		ND(0.000023)	NS	0.000017	ND(0.000018)	NS	ND(0.000021)
OCDD		ND(0.000026)	NS	0.000057	ND(0.000027)	NS	ND(0.000036)
Total TEQs (WHO TEFs)		0.000066	NS	0.0000087	0.000026	NS	0.000029
Inorganics							
Antimony		ND(10.0)	NS	ND(13.0)	ND(9.70)	NS	ND(15.0)
Arsenic		ND(15.0)	NS	ND(15.0)	ND(15.0)	NS	ND(25.0)
Barium		32.0	NS	53.0	ND(30.0)	NS	76.0
Beryllium		0.290	NS	0.410	0.250	NS	0.680
Cadmium		ND(1.70)	NS	ND(2.20)	ND(1.60)	NS	ND(2.50)
Chromium		7.30	NS	11.0	6.90	NS	17.0
Cobalt		9.80	NS	ND(11.0)	8.20	NS	18.0
Copper		ND(17.0)	NS	54.0	17.0	NS	30.0
Cyanide		ND(1.00)	NS	ND(1.00)	ND(1.00)	NS	ND(1.00)
Lead		12.0	NS	60.0	8.40	NS	18.0
Mercury		ND(0.230)	NS	ND(0.290)	ND(0.220)	NS	ND(0.330)
Nickel		15.0	NS	22.0	14.0	NS	32.0
Selenium		ND(0.850) J	NS	ND(1.20) J	ND(0.810) J	NS	ND(1.20) J
Silver		ND(0.850)	NS	ND(1.10)	ND(0.810)	NS	ND(1.20)
Sulfide		13.0	NS	23.0	6.90	NS	16.0
Thallium		ND(1.70)	NS	ND(2.20)	ND(1.60)	NS	ND(2.50)
Tin		ND(51.0)	NS	ND(65.0)	ND(48.0)	NS	ND(74.0)
Vanadium		ND(8.50)	NS	24.0	ND(8.10)	NS	17.0
Zinc		48.0	NS	86.0	32.0	NS	88.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-21 12-14 01/29/01	4B RAA4-22 1-6 01/31/01	4B RAA4-22 4-6 01/31/01	4B RAA4-A33 0-1 05/16/02	4B RAA4-A34 1-6 05/16/02	4B RAA4-A35 0-1 05/16/02
Volatile Organics							
1,1,1-Trichloroethane		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
1,1-Dichloroethane		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
1,2-Dichloroethane		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
2-Butanone		ND(0.10)	NS	ND(0.10)	ND(0.012)	NS	ND(0.011)
2-Chloroethylvinylether		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
Acetone		ND(0.10)	NS	ND(0.10)	ND(0.024)	NS	ND(0.022)
Benzene		ND(0.00830)	NS	ND(0.00680)	ND(0.00610)	NS	ND(0.00560)
Carbon Disulfide		ND(0.010)	NS	ND(0.010)	ND(0.0061)	NS	ND(0.0056)
Chlorobenzene		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
Ethylbenzene		ND(0.00830)	NS	ND(0.00680)	ND(0.00610)	NS	ND(0.00560)
Methylene Chloride		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
Styrene		ND(0.00830)	NS	ND(0.00680)	ND(0.00610)	NS	ND(0.00560)
Tetrachloroethene		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
Toluene		ND(0.00830)	NS	ND(0.00680)	ND(0.00610)	NS	ND(0.00560)
Trichloroethene		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
Trichlorofluoromethane		ND(0.0083) J	NS	ND(0.0068) J	ND(0.0061)	NS	ND(0.0056)
Xylenes (total)		ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
1,2,4-Trichlorobenzene		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
1,2-Dichlorobenzene		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
1,2-Diphenylhydrazine		NS	ND(0.54)	NS	ND(0.41)	NS	ND(0.37)
1,3-Dichlorobenzene		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
1,3-Dinitrobenzene		NS	ND(2.70)	NS	ND(0.820)	NS	ND(0.750)
1,4-Dichlorobenzene		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
2,4-Dimethylphenol		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
2-Chloronaphthalene		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
2-Chlorophenol		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
2-Methylnaphthalene		NS	ND(0.540)	NS	0.110 J	NS	ND(0.370)
2-Methylphenol		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
2-Nitroaniline		NS	ND(2.70)	NS	ND(2.10)	NS	ND(1.90)
3&4-Methylphenol		NS	ND(1.10)	NS	ND(0.820)	NS	ND(0.750)
4-Chloroaniline		NS	ND(1.10)	NS	ND(0.410)	NS	ND(0.370)
4-Chlorobenzilate		NS	ND(2.70)	NS	ND(0.820)	NS	ND(0.750)
4-Phenylenediamine		NS	ND(2.70)	NS	ND(0.82) J	NS	ND(0.75) J
Acenaphthene		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Acenaphthylene		NS	ND(0.540)	NS	0.720	NS	ND(0.370)
Acetophenone		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Aniline		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Anthracene		NS	0.140 J	NS	0.360 J	NS	ND(0.370)
Benzo(a)anthracene		NS	0.110 J	NS	1.20	NS	0.150 J
Benzo(a)pyrene		NS	0.110 J	NS	1.30	NS	0.170 J
Benzo(b)fluoranthene		NS	ND(0.540)	NS	0.680	NS	0.160 J
Benzo(g,h,i)perylene		NS	ND(0.540)	NS	1.00	NS	0.120 J
Benzo(k)fluoranthene		NS	ND(0.540)	NS	0.950	NS	0.130 J
Benzyl Alcohol		NS	ND(1.10)	NS	ND(0.820)	NS	ND(0.750)
bis(2-Ethylhexyl)phthalate		NS	ND(0.540)	NS	ND(0.400)	NS	ND(0.370)
Chrysene		NS	0.110 J	NS	1.30	NS	0.170 J
Dibenzo(a,h)anthracene		NS	ND(1.10)	NS	ND(0.410)	NS	ND(0.370)
Dibenzofuran		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Diethylphthalate		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Dimethylphthalate		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Di-n-Butylphthalate		NS	ND(0.540)	NS	0.180 J	NS	ND(0.370)
Diphenylamine		NS	ND(0.54)	NS	ND(0.41)	NS	ND(0.37)
Fluoranthene		NS	0.310 J	NS	1.80	NS	0.290 J
Fluorene		NS	ND(0.540)	NS	0.150 J	NS	ND(0.370)
Hexachlorobenzene		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Indeno(1,2,3-cd)pyrene		NS	ND(1.10)	NS	0.680	NS	ND(0.370)
Naphthalene		NS	0.520 J	NS	0.250 J	NS	ND(0.370)
Nitrobenzene		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
N-Nitrosodiphenylamine		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
o-Toluidine		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4B	4B	4B	4B	4B	4B
	Sample ID:	RAA4-21	RAA4-22	RAA4-22	RAA4-A33	RAA4-A34	RAA4-A35
	Sample Depth(Feet):	12-14	1-6	4-6	0-1	1-6	0-1
Parameter	Date Collected:	01/29/01	01/31/01	01/31/01	05/16/02	05/16/02	05/16/02
Semivolatile Organics (continued)							
Pentachlorobenzene		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Pentachlorophenol		NS	ND(2.70)	NS	ND(2.10)	NS	ND(1.90)
Phenanthrene		NS	0.540	NS	1.50	NS	0.150 J
Phenol		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Pyrene		NS	0.330 J	NS	2.30	NS	0.240 J
Pyridine		NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Furans							
2,3,7,8-TCDF		NS	ND(0.000014)	NS	0.000023	0.000022	0.0000052
TCDFs (total)		NS	ND(0.000014)	NS	0.00013	0.00016 I	0.000034
1,2,3,7,8-PeCDF		NS	ND(0.000020)	NS	0.0000078	0.0000063	0.0000023
2,3,4,7,8-PeCDF		NS	ND(0.000020)	NS	0.000024	0.000021	0.0000055
PeCDFs (total)		NS	ND(0.000020)	NS	0.00021 QI	0.00022 QI	0.000068 Q
1,2,3,4,7,8-HxCDF		NS	ND(0.000062)	NS	0.000014	0.000012	0.0000054
1,2,3,6,7,8-HxCDF		NS	ND(0.000058)	NS	0.0000087	0.0000084	0.0000029
1,2,3,7,8,9-HxCDF		NS	ND(0.000068)	NS	0.0000031	0.0000020 J	0.0000018 J
2,3,4,6,7,8-HxCDF		NS	ND(0.000063)	NS	0.000019	0.000017	0.0000081
HxCDFs (total)		NS	ND(0.0052)	NS	0.00032	0.00023	0.00010
1,2,3,4,6,7,8-HpCDF		NS	ND(0.000040)	NS	0.00022	0.000051	0.000016
1,2,3,4,7,8,9-HpCDF		NS	ND(0.000048)	NS	0.0000042	0.0000036	0.0000029
HpCDFs (total)		NS	ND(0.000044)	NS	0.00040	0.00011	0.000042
OCDF		NS	ND(0.000038)	NS	0.00017	0.000052	0.000034
Dioxins							
2,3,7,8-TCDD		NS	ND(0.000020)	NS	0.00000073	0.00000037 J	ND(0.00000021) X
TCDDs (total)		NS	ND(0.000020)	NS	0.0000038	0.0000039	0.00000029
1,2,3,7,8-PeCDD		NS	ND(0.00021)	NS	0.0000020 J	ND(0.0000011) X	ND(0.00000047) X
PeCDDs (total)		NS	ND(0.00021)	NS	0.000015 Q	0.0000067 Q	0.0000019 Q
1,2,3,4,7,8-HxCDD		NS	ND(0.000084)	NS	0.0000025 J	0.0000010 J	0.00000053 J
1,2,3,6,7,8-HxCDD		NS	ND(0.000083)	NS	0.0000084	0.0000026	0.0000012 J
1,2,3,7,8,9-HxCDD		NS	ND(0.000076)	NS	0.0000054	0.0000017 J	0.00000077 J
HxCDDs (total)		NS	ND(0.000081)	NS	0.000070	0.000022	0.000010 Q
1,2,3,4,6,7,8-HpCDD		NS	ND(0.000080)	NS	0.00012	0.000038	0.000025
HpCDDs (total)		NS	ND(0.000080)	NS	0.00020	0.000080	0.000050
OCDD		NS	ND(0.000040)	NS	0.00084	0.00033	0.00024
Total TEQs (WHO TEFs)		NS	0.00015	NS	0.000027	0.000019	0.0000063
Inorganics							
Antimony		NS	ND(12.0)	NS	ND(6.00)	NS	1.50 B
Arsenic		NS	ND(20.0)	NS	5.10	NS	4.40
Barium		NS	ND(40.0)	NS	34.0	NS	30.0
Beryllium		NS	0.310	NS	ND(0.500)	NS	ND(0.500)
Cadmium		NS	ND(2.00)	NS	ND(0.500)	NS	ND(0.500)
Chromium		NS	13.0	NS	13.0	NS	5.20
Cobalt		NS	16.0	NS	6.90	NS	5.30
Copper		NS	32.0	NS	39.0	NS	21.0
Cyanide		NS	ND(1.00)	NS	0.500	NS	0.220
Lead		NS	21.0	NS	86.0	NS	24.0
Mercury		NS	ND(0.270)	NS	0.300	NS	0.0770 B
Nickel		NS	27.0	NS	13.0	NS	8.90
Selenium		NS	ND(1.00) J	NS	ND(1.00)	NS	ND(1.00)
Silver		NS	ND(1.00)	NS	ND(1.00)	NS	ND(1.00)
Sulfide		NS	ND(6.80)	NS	23.0	NS	25.0
Thallium		NS	ND(2.00)	NS	ND(1.20) J	NS	ND(1.10) J
Tin		NS	ND(61.0)	NS	ND(5.20)	NS	ND(4.50)
Vanadium		NS	11.0	NS	13.0	NS	6.50
Zinc		NS	75.0	NS	75.0	NS	42.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	4B / RAA4-B29 / 0-1 / 05/20/02	4B / RAA4-B34 / 1-3 / 05/16/02	4B / RAA4-B34 / 1-6 / 05/16/02	4B / RAA4-B35 / 0-1 / 05/15/02	4B / RAA4-C27 / 0-1 / 04/22/02	4B / RAA4-C29 / 1-6 / 05/21/02
Volatile Organics						
1,1,1-Trichloroethane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
1,1-Dichloroethane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
1,2-Dichloroethane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
2-Butanone	ND(0.012)	ND(0.013)	NS	ND(0.013)	ND(0.011)	NS
2-Chloroethylvinylether	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
Acetone	ND(0.024)	ND(0.026)	NS	0.014 J	0.012 J	NS
Benzene	ND(0.00600)	ND(0.00640)	NS	ND(0.00640)	ND(0.00570)	NS
Carbon Disulfide	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
Chlorobenzene	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
Ethylbenzene	ND(0.00600)	ND(0.00640)	NS	ND(0.00640)	ND(0.00570)	NS
Methylene Chloride	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
Styrene	ND(0.00600)	ND(0.00640)	NS	ND(0.00640)	ND(0.00570)	NS
Tetrachloroethene	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
Toluene	ND(0.00600)	ND(0.00640)	NS	ND(0.00640)	ND(0.00570)	NS
Trichloroethene	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
Trichlorofluoromethane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	0.0076	NS
Xylenes (total)	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	0.016	NS
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
1,2,4-Trichlorobenzene	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
1,2-Dichlorobenzene	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
1,2-Diphenylhydrazine	ND(0.40)	NS	ND(0.43)	ND(0.42)	ND(0.46)	ND(0.38)
1,3-Dichlorobenzene	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
1,3-Dinitrobenzene	ND(0.800)	NS	ND(0.860)	ND(0.860)	0.920	ND(0.770)
1,4-Dichlorobenzene	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
2,4-Dimethylphenol	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
2-Chloronaphthalene	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
2-Chlorophenol	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
2-Methylnaphthalene	1.90	NS	1.00	0.0980 J	0.110 J	0.260 J
2-Methylphenol	0.110 J	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
2-Nitroaniline	ND(2.00)	NS	ND(2.20)	ND(2.20)	ND(2.30)	ND(1.9) J
3&4-Methylphenol	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
4-Chloroaniline	0.100 J	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
4-Chlorobenzilate	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
4-Phenylenediamine	ND(0.80) J	NS	ND(0.86) J	ND(0.86) J	ND(0.77) J	ND(0.77) J
Acenaphthene	ND(0.400)	NS	0.210 J	ND(0.420)	ND(0.460)	ND(0.380)
Acenaphthylene	1.00	NS	0.920	0.190 J	1.00	4.00
Acetophenone	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Aniline	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Anthracene	0.680	NS	0.720	0.230 J	0.830	1.80
Benzo(a)anthracene	3.80	NS	1.20	0.650	3.50	7.90
Benzo(a)pyrene	5.8 J	NS	1.10	0.720	3.60	20.0
Benzo(b)fluoranthene	3.9 J	NS	0.480	0.440	2.10	18.0
Benzo(g,h,i)perylene	5.2 J	NS	0.670	0.460	2.20	24.0
Benzo(k)fluoranthene	4.8 J	NS	0.760	0.660	2.30	17.0
Benzyl Alcohol	ND(0.80) J	NS	ND(0.86) J	ND(0.860)	ND(0.920)	ND(0.770)
bis(2-Ethylhexyl)phthalate	ND(0.390)	NS	ND(0.420)	ND(0.420)	ND(0.380)	ND(0.380)
Chrysene	3.50	NS	1.40	0.700	4.00	8.20
Dibenzo(a,h)anthracene	0.640	NS	ND(0.430)	ND(0.420)	0.880	7.6 J
Dibenzofuran	0.150 J	NS	0.130 J	ND(0.420)	ND(0.460)	0.220 J
Diethylphthalate	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Dimethylphthalate	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Di-n-Butylphthalate	ND(0.400)	NS	ND(0.430)	ND(0.420)	0.280 J	ND(0.380)
Diphenylamine	ND(0.40)	NS	ND(0.43)	ND(0.42)	ND(0.46)	ND(0.38)
Fluoranthene	7.50	NS	2.10	1.10	5.20	10.0
Fluorene	0.870	NS	1.10	ND(0.420)	0.350 J	0.850
Hexachlorobenzene	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Indeno(1,2,3-cd)pyrene	4.9 J	NS	0.590	ND(0.420)	2.10	19.0
Naphthalene	3.80	NS	1.40	0.240 J	0.220 J	0.460
Nitrobenzene	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
N-Nitrosodiphenylamine	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
o-Toluidine	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	4B / RAA4-B29 / 0-1 / 05/20/02	4B / RAA4-B34 / 1-3 / 05/16/02	4B / RAA4-B34 / 1-6 / 05/16/02	4B / RAA4-B35 / 0-1 / 05/15/02	4B / RAA4-C27 / 0-1 / 04/22/02	4B / RAA4-C29 / 1-6 / 05/21/02
Semivolatile Organics (continued)						
Pentachlorobenzene	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Pentachlorophenol	ND(2.00)	NS	ND(2.20)	ND(2.20)	ND(2.30)	ND(1.90)
Phenanthrene	6.80	NS	4.60	0.760	4.70	8.20
Phenol	0.620	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Pyrene	11.0	NS	2.80	1.50	7.90	15.0
Pyridine	ND(0.400)	NS	1.40	ND(0.420)	ND(0.460)	ND(0.380)
Furans						
2,3,7,8-TCDF	0.000037	NS	0.000042	0.0000097	0.000069 Y	0.000072
TCDFs (total)	0.00030	NS	0.00034	0.000067	0.00065 X	0.00042
1,2,3,7,8-PeCDF	0.000014 J	NS	0.0000099 J	0.0000032	0.000037	0.000018 J
2,3,4,7,8-PeCDF	0.000029 J	NS	0.000014 J	0.0000094	0.000031 Q	0.000027
PeCDFs (total)	0.00031	NS	0.00014	0.00011 Q	0.00069 X	0.00032 Q
1,2,3,4,7,8-HxCDF	0.000019 J	NS	0.0000091 J	0.0000073 J	0.000085	0.000019 J
1,2,3,6,7,8-HxCDF	0.000015 J	NS	0.0000059 J	0.0000042 J	0.000034	0.000010 J
1,2,3,7,8,9-HxCDF	ND(0.0000034) X	NS	ND(0.0000020) X	0.0000012 J	ND(0.000018) X	0.0000026 J
2,3,4,6,7,8-HxCDF	0.000033 J	NS	0.000011 J	0.0000083	0.000040	0.000015 J
HxCDFs (total)	0.00042	NS	0.00014	0.00012 QJ	0.00067	0.00022
1,2,3,4,6,7,8-HpCDF	0.000068	NS	0.000040 J	0.000051 J	0.00012	0.000042
1,2,3,4,7,8,9-HpCDF	0.0000056 J	NS	0.0000036 J	0.0000028	0.000019	0.0000042 J
HpCDFs (total)	0.00014	NS	0.000079	0.000092 J	0.00026	0.000087
OCDF	0.000055 J	NS	0.000022 J	0.000036	0.00018	0.000024 J
Dioxins						
2,3,7,8-TCDD	ND(0.0000030)	NS	ND(0.0000025)	0.0000072	0.0000012	ND(0.0000011)
TCDDs (total)	ND(0.0000061)	NS	ND(0.0000050)	0.000058	0.000011 Q	0.000014
1,2,3,7,8-PeCDD	ND(0.0000026) X	NS	ND(0.0000016) X	0.0000026	0.0000030 J	0.0000099 J
PeCDDs (total)	0.0000060	NS	0.0000018	0.000074 Q	0.0000080	0.000065 Q
1,2,3,4,7,8-HxCDD	ND(0.000011)	NS	ND(0.0000093)	0.00000072 J	0.0000020 J	0.0000080 J
1,2,3,6,7,8-HxCDD	0.0000061 J	NS	ND(0.0000093)	0.0000027	0.0000068	0.000026
1,2,3,7,8,9-HxCDD	0.0000045 J	NS	ND(0.0000093)	0.0000026	0.0000068	0.000030
HxCDDs (total)	0.000031	NS	0.0000077	0.00012 Q	0.000041	0.00028
1,2,3,4,6,7,8-HpCDD	0.000065	NS	0.000012 J	0.000028	0.000070	0.00028
HpCDDs (total)	0.00012	NS	0.000022	0.000055	0.00014	0.00051
OCDD	0.00030	NS	0.000060 J	0.00018	0.00024	0.00042
Total TEQs (WHO TEFs)	0.000032	NS	0.000018	0.000019	0.000049	0.000046
Inorganics						
Antimony	ND(6.00)	NS	1.20 B	ND(6.00)	1.70 B	ND(6.00)
Arsenic	6.50	NS	9.00	5.30	9.70	30.0
Barium	44.0	NS	23.0	41.0	59.0	40.0
Beryllium	ND(0.500)	NS	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
Cadmium	0.590	NS	ND(0.500)	ND(0.500)	0.630	0.520
Chromium	8.80	NS	14.0	18.0	11.0	10.0
Cobalt	6.50	NS	11.0	8.30	8.60	6.90
Copper	61.0	NS	37.0	32.0	73.0	52.0
Cyanide	2.00	NS	3.00	0.600	1.40	1.40
Lead	440	NS	110	36.0	96.0	94.0 J
Mercury	0.360	NS	ND(0.130)	ND(0.130)	0.230 J	0.470
Nickel	15.0	NS	18.0	14.0	19.0	20.0
Selenium	ND(1.00) J	NS	ND(1.00)	ND(1.00)	ND(1.00)	8.40 J
Silver	ND(1.00)	NS	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	29.0	NS	33.0	8.20	92.0	84.0
Thallium	ND(1.80)	NS	ND(1.30) J	ND(1.30) J	ND(1.10) J	ND(1.70)
Tin	4.70 B	NS	ND(4.40)	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium	19.0	NS	9.60	14.0	19.0	17.0
Zinc	87.0	NS	66.0	83.0	100	54.0 J

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-C29 4-6 05/21/02	4B RAA4-C31 0-1 05/20/02	4B RAA4-C33 0-1 05/20/02	4B RAA4-C35 6-15 05/17/02	4B RAA4-C35 13-15 05/17/02	4B RAA4-C36 0-1 05/15/02
Volatile Organics							
1,1,1-Trichloroethane		ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
1,1-Dichloroethane		ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
1,2-Dichloroethane		ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
2-Butanone		ND(0.011)	ND(0.011)	ND(0.011)	NS	ND(0.013)	ND(0.011)
2-Chloroethylvinylether		ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Acetone		ND(0.023)	ND(0.023)	ND(0.022)	NS	ND(0.025)	ND(0.022)
Benzene		ND(0.00570)	ND(0.00570)	ND(0.00550)	NS	ND(0.00640)	ND(0.00550)
Carbon Disulfide		ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Chlorobenzene		ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Ethylbenzene		ND(0.00570)	ND(0.00570)	ND(0.00550)	NS	ND(0.00640)	ND(0.00550)
Methylene Chloride		ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Styrene		ND(0.00570)	ND(0.00570)	ND(0.00550)	NS	ND(0.00640)	ND(0.00550)
Tetrachloroethene		ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Toluene		ND(0.00570)	ND(0.00570)	ND(0.00550)	NS	ND(0.00640)	ND(0.00550)
Trichloroethene		ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Trichlorofluoromethane		ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Xylenes (total)		ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
1,2,4-Trichlorobenzene		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
1,2-Dichlorobenzene		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
1,2-Diphenylhydrazine		NS	ND(0.38)	ND(0.73)	ND(0.42)	NS	ND(0.37)
1,3-Dichlorobenzene		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
1,3-Dinitrobenzene		NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
1,4-Dichlorobenzene		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
2,4-Dimethylphenol		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
2-Chloronaphthalene		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
2-Chlorophenol		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
2-Methylnaphthalene		NS	0.110 J	0.850	ND(0.420)	NS	0.200 J
2-Methylphenol		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
2-Nitroaniline		NS	ND(1.90)	ND(3.60)	ND(2.20)	NS	ND(1.90)
3&4-Methylphenol		NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
4-Chloroaniline		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
4-Chlorobenzilate		NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
4-Phenylenediamine		NS	ND(0.76) J	ND(0.73) J	ND(0.85) J	NS	ND(0.74) J
Acenaphthene		NS	ND(0.380)	0.680 J	0.110 J	NS	0.150 J
Acenaphthylene		NS	ND(0.380)	0.700 J	0.320 J	NS	1.70
Acetophenone		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	0.180 J
Aniline		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Anthracene		NS	0.220 J	1.40	0.180 J	NS	0.230 J
Benzo(a)anthracene		NS	0.810	3.00	0.510	NS	0.680
Benzo(a)pyrene		NS	1.00	2.30	0.540	NS	0.810
Benzo(b)fluoranthene		NS	1.00	1.70	ND(0.420)	NS	0.610
Benzo(g,h,i)perylene		NS	1.10	1.90	0.370 J	NS	1.20
Benzo(k)fluoranthene		NS	0.800	2.10	0.440	NS	0.730
Benzyl Alcohol		NS	ND(0.76) J	ND(1.4) J	ND(0.85) J	NS	ND(0.740)
bis(2-Ethylhexyl)phthalate		NS	ND(0.370)	ND(0.360)	ND(0.420)	NS	ND(0.360)
Chrysene		NS	1.00	2.90	0.500	NS	0.720
Dibenzo(a,h)anthracene		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Dibenzofuran		NS	ND(0.380)	0.400 J	ND(0.420)	NS	ND(0.370)
Diethylphthalate		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Dimethylphthalate		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Di-n-Butylphthalate		NS	0.160 J	ND(0.730)	ND(0.420)	NS	0.200 J
Diphenylamine		NS	ND(0.38)	ND(0.73)	ND(0.42)	NS	ND(0.37)
Fluoranthene		NS	1.10	5.40	0.770	NS	1.10
Fluorene		NS	ND(0.380)	1.80	0.110 J	NS	ND(0.370)
Hexachlorobenzene		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Indeno(1,2,3-cd)pyrene		NS	0.810	1.50	ND(0.420)	NS	0.850
Naphthalene		NS	0.280 J	2.00	ND(0.420)	NS	0.280 J
Nitrobenzene		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
N-Nitrosodiphenylamine		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
o-Toluidine		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4B	4B	4B	4B	4B	4B
	Sample ID:	RAA4-C29	RAA4-C31	RAA4-C33	RAA4-C35	RAA4-C35	RAA4-C36
	Sample Depth(Feet):	4-6	0-1	0-1	6-15	13-15	0-1
Parameter	Date Collected:	05/21/02	05/20/02	05/20/02	05/17/02	05/17/02	05/15/02
Semivolatile Organics (continued)							
Pentachlorobenzene		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Pentachlorophenol		NS	ND(1.90)	ND(3.60)	ND(2.20)	NS	ND(1.90)
Phenanthrene		NS	0.680	10.0	0.340 J	NS	0.600
Phenol		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Pyrene		NS	1.30	6.70	1.20	NS	1.10
Pyridine		NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Furans							
2,3,7,8-TCDF		NS	0.000060	0.000033	NS	NS	0.000024
TCDFs (total)		NS	0.00048	0.00026	NS	NS	0.00017 I
1,2,3,7,8-PeCDF		NS	0.000028 J	0.000016 J	NS	NS	0.0000078
2,3,4,7,8-PeCDF		NS	0.000066	0.000037 J	NS	NS	0.000029
PeCDFs (total)		NS	0.00069	0.00036	NS	NS	0.00034 QI
1,2,3,4,7,8-HxCDF		NS	0.000072	0.000042 J	NS	NS	0.000032 J
1,2,3,6,7,8-HxCDF		NS	0.000035 J	0.000022 J	NS	NS	0.000012 J
1,2,3,7,8,9-HxCDF		NS	0.000012 J	0.000011 J	NS	NS	0.0000078
2,3,4,6,7,8-HxCDF		NS	0.000074	0.000034 J	NS	NS	0.000029
HxCDFs (total)		NS	0.00096	0.00046	NS	NS	0.00037 J
1,2,3,4,6,7,8-HpCDF		NS	0.00020	0.000059	NS	NS	0.000051 J
1,2,3,4,7,8,9-HpCDF		NS	0.000028 J	0.000011 J	NS	NS	0.000016
HpCDFs (total)		NS	0.00045	0.00013	NS	NS	0.00013 J
OCDF		NS	0.00030	0.000071 J	NS	NS	0.000083
Dioxins							
2,3,7,8-TCDD		NS	ND(0.0000021)	ND(0.0000024)	NS	NS	0.00000062
TCDDs (total)		NS	0.0000065	0.0000029	NS	NS	0.0000075
1,2,3,7,8-PeCDD		NS	ND(0.0000038) X	ND(0.0000023) X	NS	NS	ND(0.0000019) X
PeCDDs (total)		NS	0.0000068	0.0000050	NS	NS	0.000011 Q
1,2,3,4,7,8-HxCDD		NS	0.0000035 J	ND(0.0000016) X	NS	NS	0.0000015 J
1,2,3,6,7,8-HxCDD		NS	0.0000078 J	ND(0.0000039) X	NS	NS	0.0000029
1,2,3,7,8,9-HxCDD		NS	ND(0.0000045) X	0.0000026 J	NS	NS	0.0000017 J
HxCDDs (total)		NS	0.000053	0.0000068	NS	NS	0.000035 Q
1,2,3,4,6,7,8-HpCDD		NS	0.000058	0.000023 J	NS	NS	0.000025
HpCDDs (total)		NS	0.00011	0.000041	NS	NS	0.000050
OCDD		NS	0.00035	0.00010 J	NS	NS	0.00013
Total TEQs (WHO TEFs)		NS	0.000067	0.000037	NS	NS	0.000028
Inorganics							
Antimony		NS	ND(6.00)	ND(6.00)	NS	NS	1.40 B
Arsenic		NS	6.50	5.70	NS	NS	5.50
Barium		NS	54.0	34.0	NS	NS	26.0
Beryllium		NS	ND(0.500)	ND(0.500)	NS	NS	0.140 B
Cadmium		NS	0.550	ND(0.500)	NS	NS	ND(0.500)
Chromium		NS	13.0	11.0	NS	NS	11.0
Cobalt		NS	7.50	7.40	NS	NS	6.70
Copper		NS	40.0	48.0	NS	NS	56.0
Cyanide		NS	11.0	3.80	NS	NS	2.90
Lead		NS	85.0	33.0	NS	NS	52.0
Mercury		NS	0.680	0.0790 B	NS	NS	0.220
Nickel		NS	14.0	14.0	NS	NS	12.0
Selenium		NS	ND(1.00) J	ND(1.00) J	NS	NS	ND(1.00)
Silver		NS	ND(1.00)	ND(1.00)	NS	NS	ND(1.00)
Sulfide		NS	71.0	260	NS	NS	64.0
Thallium		NS	ND(1.70)	ND(1.60)	NS	NS	ND(1.10) J
Tin		NS	ND(10.0)	4.40 B	NS	NS	21.0
Vanadium		NS	13.0	12.0	NS	NS	11.0
Zinc		NS	73.0	56.0	NS	NS	ND(59.0)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4B	4B	4B	4B	4B	4B
	Sample ID:	RAA4-C36	RAA4-C36	RAA4-C36	RAA4-D21	RAA4-D23	RAA4-D23
	Sample Depth(Feet):	1-6	3-5	6-15	0-1	1-6	3-4
Parameter	Date Collected:	05/15/02	05/15/02	05/15/02	05/30/02	05/30/02	05/30/02
Volatile Organics							
1,1,1-Trichloroethane		NS	ND(0.0054)	NS	ND(0.0052)	NS	ND(0.0067)
1,1-Dichloroethane		NS	ND(0.0054)	NS	ND(0.0052)	NS	ND(0.0067)
1,2-Dichloroethane		NS	ND(0.0054)	NS	ND(0.0052)	NS	ND(0.0067)
2-Butanone		NS	ND(0.011)	NS	ND(0.010)	NS	ND(0.013)
2-Chloroethylvinylether		NS	ND(0.0054)	NS	ND(0.0052)	NS	ND(0.0067)
Acetone		NS	ND(0.021)	NS	ND(0.021)	NS	ND(0.027)
Benzene		NS	ND(0.00540)	NS	ND(0.00520)	NS	ND(0.0067)
Carbon Disulfide		NS	ND(0.0054)	NS	ND(0.0052)	NS	ND(0.0067)
Chlorobenzene		NS	ND(0.0054)	NS	ND(0.0052)	NS	ND(0.0067)
Ethylbenzene		NS	ND(0.00540)	NS	ND(0.00520)	NS	ND(0.0067)
Methylene Chloride		NS	ND(0.0054)	NS	ND(0.0052)	NS	ND(0.0067)
Styrene		NS	ND(0.00540)	NS	ND(0.00520)	NS	ND(0.0067)
Tetrachloroethene		NS	ND(0.0054)	NS	ND(0.0052)	NS	ND(0.0067)
Toluene		NS	ND(0.00540)	NS	ND(0.00520)	NS	ND(0.0067)
Trichloroethene		NS	ND(0.0054)	NS	ND(0.0052)	NS	ND(0.0067)
Trichlorofluoromethane		NS	ND(0.0054)	NS	ND(0.0052)	NS	ND(0.0067)
Xylenes (total)		NS	ND(0.0054)	NS	ND(0.0052)	NS	ND(0.0067)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.360)	NS	NS	ND(0.350)	ND(0.370)	NS
1,2,4-Trichlorobenzene		ND(0.360)	NS	NS	ND(0.350)	ND(0.370)	NS
1,2-Dichlorobenzene		ND(0.360)	NS	NS	ND(0.350)	ND(0.370)	NS
1,2-Diphenylhydrazine		ND(0.36)	NS	NS	ND(0.35)	ND(0.37)	NS
1,3-Dichlorobenzene		ND(0.360)	NS	NS	ND(0.350)	ND(0.370)	NS
1,3-Dinitrobenzene		ND(0.720)	NS	NS	ND(0.700)	ND(0.740)	NS
1,4-Dichlorobenzene		ND(0.360)	NS	NS	0.430	ND(0.370)	NS
2,4-Dimethylphenol		ND(0.360)	NS	NS	ND(0.350)	ND(0.370)	NS
2-Chloronaphthalene		ND(0.360)	NS	NS	ND(0.350)	ND(0.370)	NS
2-Chlorophenol		ND(0.360)	NS	NS	ND(0.350)	ND(0.370)	NS
2-Methylnaphthalene		0.190 J	NS	NS	ND(0.350)	ND(0.370)	NS
2-Methylphenol		ND(0.360)	NS	NS	ND(0.350)	ND(0.370)	NS
2-Nitroaniline		ND(1.80)	NS	NS	ND(1.8) J	ND(1.9) J	NS
3&4-Methylphenol		ND(0.720)	NS	NS	ND(0.700)	ND(0.740)	NS
4-Chloroaniline		ND(0.360)	NS	NS	ND(0.350)	ND(0.370)	NS
4-Chlorobenzilate		ND(0.720)	NS	NS	ND(0.700)	ND(0.740)	NS
4-Phenylenediamine		ND(0.72) J	NS	NS	ND(0.70) J	ND(0.74) J	NS
Acenaphthene		ND(0.360)	NS	NS	ND(0.350)	0.190 J	NS
Acenaphthylene		0.310 J	NS	NS	ND(0.350)	ND(0.370)	NS
Acetophenone		ND(0.360)	NS	NS	ND(0.350)	ND(0.370)	NS
Aniline		ND(0.360)	NS	NS	ND(0.350)	ND(0.370)	NS
Anthracene		ND(0.360)	NS	NS	ND(0.350)	0.940	NS
Benzo(a)anthracene		0.190 J	NS	NS	0.190 J	2.00	NS
Benzo(a)pyrene		0.310 J	NS	NS	0.170 J	1.50	NS
Benzo(b)fluoranthene		0.280 J	NS	NS	0.130 J	1.10	NS
Benzo(g,h,i)perylene		0.360	NS	NS	ND(0.350)	1.00	NS
Benzo(k)fluoranthene		0.210 J	NS	NS	0.120 J	1.00	NS
Benzyl Alcohol		ND(0.720)	NS	NS	ND(0.700)	ND(0.740)	NS
bis(2-Ethylhexyl)phthalate		ND(0.350)	NS	NS	ND(0.350)	ND(0.370)	NS
Chrysene		0.210 J	NS	NS	0.200 J	1.70	NS
Dibenzo(a,h)anthracene		ND(0.360)	NS	NS	ND(0.350)	0.280 J	NS
Dibenzofuran		ND(0.360)	NS	NS	ND(0.350)	0.110 J	NS
Diethylphthalate		ND(0.360)	NS	NS	ND(0.350)	ND(0.370)	NS
Dimethylphthalate		ND(0.360)	NS	NS	ND(0.350)	ND(0.370)	NS
Di-n-Butylphthalate		ND(0.360)	NS	NS	ND(0.350)	ND(0.370)	NS
Diphenylamine		ND(0.36)	NS	NS	ND(0.35)	ND(0.37)	NS
Fluoranthene		0.180 J	NS	NS	0.400	3.40	NS
Fluorene		ND(0.360)	NS	NS	ND(0.350)	0.270 J	NS
Hexachlorobenzene		ND(0.360)	NS	NS	ND(0.350)	ND(0.370)	NS
Indeno(1,2,3-cd)pyrene		0.310 J	NS	NS	0.110 J	0.900	NS
Naphthalene		0.230 J	NS	NS	ND(0.350)	0.100 J	NS
Nitrobenzene		ND(0.360)	NS	NS	ND(0.350)	ND(0.370)	NS
N-Nitrosodiphenylamine		ND(0.360)	NS	NS	ND(0.350)	ND(0.370)	NS
o-Toluidine		ND(0.360)	NS	NS	ND(0.350)	ND(0.370)	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4B	4B	4B	4B	4B	4B
	Sample ID:	RAA4-C36	RAA4-C36	RAA4-C36	RAA4-D21	RAA4-D23	RAA4-D23
	Sample Depth(Feet):	1-6	3-5	6-15	0-1	1-6	3-4
Parameter	Date Collected:	05/15/02	05/15/02	05/15/02	05/30/02	05/30/02	05/30/02
Semivolatile Organics (continued)							
Pentachlorobenzene		ND(0.360)	NS	NS	ND(0.350)	ND(0.370)	NS
Pentachlorophenol		ND(1.80)	NS	NS	ND(1.80)	ND(1.90)	NS
Phenanthrene		0.0810 J	NS	NS	0.210 J	2.70	NS
Phenol		ND(0.360)	NS	NS	ND(0.350)	ND(0.370)	NS
Pyrene		0.160 J	NS	NS	0.330 J	3.90	NS
Pyridine		ND(0.360)	NS	NS	ND(0.350)	ND(0.370)	NS
Furans							
2,3,7,8-TCDF		0.0000011	NS	0.00000091	0.00000091 Y	ND(0.0000015)	NS
TCDFs (total)		0.0000068	NS	0.0000086	0.000010	ND(0.0000015)	NS
1,2,3,7,8-PeCDF		ND(0.00000029) X	NS	0.00000054 J	0.00000056 J	ND(0.00000094) X	NS
2,3,4,7,8-PeCDF		0.00000050 J	NS	0.0000016 J	0.0000018 J	0.0000011 J	NS
PeCDFs (total)		0.0000046	NS	0.000014 I	0.000025	0.0000044	NS
1,2,3,4,7,8-HxCDF		0.00000034 J	NS	0.000012	ND(0.00000088) X	ND(0.0000010) X	NS
1,2,3,6,7,8-HxCDF		ND(0.00000026) XJ	NS	0.0000017 J	0.0000010 J	0.0000010 J	NS
1,2,3,7,8,9-HxCDF		ND(0.00000022)	NS	0.0000014 J	0.00000025 J	ND(0.0000026)	NS
2,3,4,6,7,8-HxCDF		0.00000030 J	NS	0.0000015 J	0.0000027 J	0.00000082 J	NS
HxCDFs (total)		0.0000034 J	NS	0.000030 I	0.000032	0.0000029	NS
1,2,3,4,6,7,8-HpCDF		0.0000013 J	NS	0.000010	0.0000051 J	0.0000017 J	NS
1,2,3,4,7,8,9-HpCDF		ND(0.00000022)	NS	0.0000076	0.00000038 J	ND(0.0000026)	NS
HpCDFs (total)		0.0000013 J	NS	0.000033 I	0.0000055	0.0000017	NS
OCDF		0.00000092 J	NS	0.000045	0.0000059 J	ND(0.0000014) X	NS
Dioxins							
2,3,7,8-TCDD		ND(0.00000011)	NS	ND(0.00000011)	ND(0.00000023)	ND(0.0000021)	NS
TCDDs (total)		0.00000075	NS	0.00000063	ND(0.00000039)	ND(0.0000033)	NS
1,2,3,7,8-PeCDD		ND(0.00000022)	NS	0.00000025 J	ND(0.00000022) X	ND(0.0000026)	NS
PeCDDs (total)		0.00000067	NS	0.0000028	0.00000060	ND(0.0000044)	NS
1,2,3,4,7,8-HxCDD		ND(0.00000022)	NS	0.00000035 J	0.00000020 J	ND(0.0000026)	NS
1,2,3,6,7,8-HxCDD		ND(0.00000022)	NS	0.00000064 J	0.00000037 J	ND(0.0000026)	NS
1,2,3,7,8,9-HxCDD		ND(0.00000022)	NS	0.00000039 J	0.00000032 J	ND(0.0000026)	NS
HxCDDs (total)		0.00000034	NS	0.0000081	0.0000027	ND(0.0000026)	NS
1,2,3,4,6,7,8-HpCDD		0.00000096 J	NS	0.0000027	0.0000040 J	ND(0.0000030) X	NS
HpCDDs (total)		0.0000018	NS	0.0000056	0.0000074	ND(0.0000026)	NS
OCDD		0.0000047	NS	0.0000090	0.000027	0.000012 J	NS
Total TEQs (WHO TEFs)		0.00000068	NS	0.0000032	0.0000019	0.0000038	NS
Inorganics							
Antimony		1.00 B	NS	NS	ND(6.00)	1.30 B	NS
Arsenic		13.0	NS	NS	3.90	7.60	NS
Barium		110	NS	NS	ND(20.0)	130	NS
Beryllium		ND(0.500)	NS	NS	ND(0.500)	ND(0.500)	NS
Cadmium		ND(0.500)	NS	NS	0.100 B	ND(0.500)	NS
Chromium		15.0	NS	NS	5.40	6.60	NS
Cobalt		6.20	NS	NS	7.00	9.00	NS
Copper		60.0	NS	NS	18.0	50.0	NS
Cyanide		7.10	NS	NS	ND(0.100)	0.100 B	NS
Lead		66.0	NS	NS	15.0 J	52.0 J	NS
Mercury		ND(0.110)	NS	NS	ND(0.100)	0.130	NS
Nickel		14.0	NS	NS	12.0	12.0	NS
Selenium		ND(1.00)	NS	NS	ND(1.00)	ND(1.00)	NS
Silver		ND(1.00)	NS	NS	ND(1.00)	ND(1.00)	NS
Sulfide		55.0	NS	NS	24.0	18.0	NS
Thallium		ND(1.10) J	NS	NS	ND(1.00) J	ND(1.10) J	NS
Tin		ND(3.30)	NS	NS	ND(3.60)	ND(10.0)	NS
Vanadium		7.30	NS	NS	7.80	6.80	NS
Zinc		45.0	NS	NS	41.0	120	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: 4B Sample ID: Sample Depth(Feet): Date Collected:	4B RAA4-D23 13-14 05/30/02	4B RAA4-D23 13-15 05/30/02	4B RAA4-D25 0-1 04/24/02	4B RAA4-D29 0-1 04/23/02	4B RAA4-D29 8-10 04/23/02	4B RAA4-D31 0-1 05/21/02
Volatile Organics							
1,1,1-Trichloroethane		ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)	NS
1,1-Dichloroethane		ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)	NS
1,2-Dichloroethane		ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)	NS
2-Butanone		ND(0.011)	NS	ND(0.010)	ND(0.011)	ND(0.030)	NS
2-Chloroethylvinylether		ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)	NS
Acetone		0.011 J	NS	ND(0.021)	ND(0.022)	ND(0.060)	NS
Benzene		ND(0.0054)	NS	ND(0.00530)	ND(0.00540)	ND(0.0300)	NS
Carbon Disulfide		ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)	NS
Chlorobenzene		ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	1.2	NS
Ethylbenzene		ND(0.0054)	NS	ND(0.00530)	ND(0.00540)	ND(0.0300)	NS
Methylene Chloride		ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)	NS
Styrene		ND(0.0054)	NS	ND(0.00530)	ND(0.00540)	ND(0.0300)	NS
Tetrachloroethene		ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)	NS
Toluene		ND(0.0054)	NS	ND(0.00530)	ND(0.00540)	ND(0.0300)	NS
Trichloroethene		ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)	NS
Trichlorofluoromethane		ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)	NS
Xylenes (total)		ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)	NS
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		NS	ND(0.370)	ND(0.530)	ND(0.440)	NS	NS
1,2,4-Trichlorobenzene		NS	ND(0.370)	ND(0.530)	0.280 J	NS	NS
1,2-Dichlorobenzene		NS	ND(0.370)	ND(0.530)	ND(0.440)	NS	NS
1,2-Diphenylhydrazine		NS	ND(0.37)	ND(0.53)	ND(0.44)	NS	NS
1,3-Dichlorobenzene		NS	ND(0.370)	ND(0.530)	ND(0.440)	NS	NS
1,3-Dinitrobenzene		NS	ND(0.750)	ND(0.710)	ND(0.730)	NS	NS
1,4-Dichlorobenzene		NS	0.0780 J	ND(0.530)	ND(0.440)	NS	NS
2,4-Dimethylphenol		NS	ND(0.370)	ND(0.530)	ND(0.440)	NS	NS
2-Chloronaphthalene		NS	ND(0.370)	ND(0.530)	ND(0.440)	NS	NS
2-Chlorophenol		NS	ND(0.370)	ND(0.530)	ND(0.440)	NS	NS
2-Methylnaphthalene		NS	ND(0.370)	ND(0.530)	ND(0.440)	NS	NS
2-Methylphenol		NS	ND(0.370)	ND(0.530)	ND(0.440)	NS	NS
2-Nitroaniline		NS	ND(1.9) J	ND(2.60)	ND(2.20)	NS	NS
3&4-Methylphenol		NS	ND(0.750)	ND(0.710)	ND(0.730)	NS	NS
4-Chloroaniline		NS	ND(0.370)	ND(0.530)	ND(0.440)	NS	NS
4-Chlorobenzilate		NS	ND(0.750)	ND(0.710)	ND(0.730)	NS	NS
4-Phenylenediamine		NS	ND(0.75) J	ND(0.71) J	ND(0.73) J	NS	NS
Acenaphthene		NS	ND(0.370)	ND(0.530)	ND(0.440)	NS	NS
Acenaphthylene		NS	ND(0.370)	0.180 J	ND(0.440)	NS	NS
Acetophenone		NS	ND(0.370)	ND(0.530)	ND(0.440)	NS	NS
Aniline		NS	ND(0.370)	ND(0.530)	ND(0.440)	NS	NS
Anthracene		NS	ND(0.370)	ND(0.530)	0.120 J	NS	NS
Benzo(a)anthracene		NS	ND(0.370)	ND(0.530)	0.490	NS	NS
Benzo(a)pyrene		NS	ND(0.370)	ND(0.530)	0.420 J	NS	NS
Benzo(b)fluoranthene		NS	ND(0.370)	0.190 J	0.270 J	NS	NS
Benzo(g,h,i)perylene		NS	ND(0.370)	0.230 J	0.230 J	NS	NS
Benzo(k)fluoranthene		NS	ND(0.370)	ND(0.530)	0.300 J	NS	NS
Benzyl Alcohol		NS	ND(0.750)	ND(1.00)	ND(0.870)	NS	NS
bis(2-Ethylhexyl)phthalate		NS	ND(0.370)	ND(0.350)	0.770	NS	NS
Chrysene		NS	ND(0.370)	ND(0.530)	0.550	NS	NS
Dibenzo(a,h)anthracene		NS	ND(0.370)	ND(0.530)	ND(0.440)	NS	NS
Dibenzofuran		NS	ND(0.370)	ND(0.530)	ND(0.440)	NS	NS
Diethylphthalate		NS	ND(0.370)	ND(0.530)	ND(0.440)	NS	NS
Dimethylphthalate		NS	ND(0.370)	ND(0.530)	ND(0.440)	NS	NS
Di-n-Butylphthalate		NS	ND(0.370)	ND(0.530)	0.320 J	NS	NS
Diphenylamine		NS	ND(0.37)	ND(0.53)	ND(0.44)	NS	NS
Fluoranthene		NS	ND(0.370)	ND(0.530)	0.780	NS	NS
Fluorene		NS	ND(0.370)	ND(0.530)	ND(0.440)	NS	NS
Hexachlorobenzene		NS	ND(0.370)	ND(0.530)	ND(0.440)	NS	NS
Indeno(1,2,3-cd)pyrene		NS	ND(0.370)	ND(0.530)	0.190 J	NS	NS
Naphthalene		NS	ND(0.370)	ND(0.530)	0.100 J	NS	NS
Nitrobenzene		NS	ND(0.370)	ND(0.530)	ND(0.440)	NS	NS
N-Nitrosodiphenylamine		NS	ND(0.370)	ND(0.530)	ND(0.440)	NS	NS
o-Toluidine		NS	ND(0.370)	ND(0.530)	ND(0.440)	NS	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-D23 13-14 05/30/02	4B RAA4-D23 13-15 05/30/02	4B RAA4-D25 0-1 04/24/02	4B RAA4-D29 0-1 04/23/02	4B RAA4-D29 8-10 04/23/02	4B RAA4-D31 0-1 05/21/02
Semivolatile Organics (continued)							
Pentachlorobenzene		NS	ND(0.370)	ND(0.530)	0.200 J	NS	NS
Pentachlorophenol		NS	ND(1.90)	ND(2.60)	ND(2.20)	NS	NS
Phenanthrene		NS	ND(0.370)	ND(0.530)	0.480	NS	NS
Phenol		NS	ND(0.370)	ND(0.530)	ND(0.440)	NS	NS
Pyrene		NS	ND(0.370)	ND(0.530)	1.40	NS	NS
Pyridine		NS	ND(0.370)	ND(0.530)	ND(0.440)	NS	NS
Furans							
2,3,7,8-TCDF		NS	NS	0.0000010 YB	0.00016 Y	NS	0.000022
TCDFs (total)		NS	NS	ND(0.000021) X	0.0011 X	NS	0.00012
1,2,3,7,8-PeCDF		NS	NS	ND(0.00000066)	0.00010	NS	0.0000093 J
2,3,4,7,8-PeCDF		NS	NS	ND(0.00000091) X	0.00014	NS	0.000026
PeCDFs (total)		NS	NS	ND(0.000047) X	0.0014	NS	0.00027
1,2,3,4,7,8-HxCDF		NS	NS	0.0000022 JB	0.00044	NS	0.000021 J
1,2,3,6,7,8-HxCDF		NS	NS	0.0000011 JB	0.00016	NS	0.000012 J
1,2,3,7,8,9-HxCDF		NS	NS	ND(0.00000030)	ND(0.000018) X	NS	0.0000042 J
2,3,4,6,7,8-HxCDF		NS	NS	ND(0.0000021) X	0.00012	NS	0.000027
HxCDFs (total)		NS	NS	ND(0.000030) X	0.0018	NS	0.00036
1,2,3,4,6,7,8-HpCDF		NS	NS	ND(0.0000032) X	0.00044	NS	0.00011
1,2,3,4,7,8,9-HpCDF		NS	NS	ND(0.00000070)	0.00011	NS	0.0000074 J
HpCDFs (total)		NS	NS	ND(0.0000069) X	0.00097	NS	0.00023
OCDF		NS	NS	ND(0.0000030)	0.0011	NS	0.000088
Dioxins							
2,3,7,8-TCDD		NS	NS	ND(0.00000020)	0.0000016	NS	ND(0.0000012) X
TCDDs (total)		NS	NS	ND(0.00000020)	0.000015	NS	0.0000050
1,2,3,7,8-PeCDD		NS	NS	ND(0.00000030)	ND(0.0000042) X	NS	ND(0.0000061) X
PeCDDs (total)		NS	NS	ND(0.0000021) X	0.0000034	NS	0.0000023
1,2,3,4,7,8-HxCDD		NS	NS	ND(0.00000050)	0.0000033 J	NS	ND(0.0000016) X
1,2,3,6,7,8-HxCDD		NS	NS	ND(0.00000060)	0.0000098	NS	ND(0.0000038) X
1,2,3,7,8,9-HxCDD		NS	NS	ND(0.00000060)	0.000013	NS	0.0000021 J
HxCDDs (total)		NS	NS	ND(0.00000060)	0.000068	NS	0.000019
1,2,3,4,6,7,8-HpCDD		NS	NS	ND(0.0000032) X	0.000078	NS	0.000050
HpCDDs (total)		NS	NS	0.0000046	0.00017	NS	0.000099
OCDD		NS	NS	0.000026	0.00043	NS	0.00047
Total TEQs (WHO TEFs)		NS	NS	0.0000012	0.00018	NS	0.000028
Inorganics							
Antimony		NS	NS	ND(6.00)	ND(6.00)	NS	NS
Arsenic		NS	NS	4.70	11.0	NS	NS
Barium		NS	NS	22.0	42.0	NS	NS
Beryllium		NS	NS	ND(0.500)	ND(0.500)	NS	NS
Cadmium		NS	NS	0.520	1.50	NS	NS
Chromium		NS	NS	6.20	44.0	NS	NS
Cobalt		NS	NS	6.20	9.40	NS	NS
Copper		NS	NS	15.0	170	NS	NS
Cyanide		NS	NS	ND(0.100)	0.760	NS	NS
Lead		NS	NS	14.0 J	100	NS	NS
Mercury		NS	NS	ND(0.100)	2.00	NS	NS
Nickel		NS	NS	12.0	45.0	NS	NS
Selenium		NS	NS	ND(1.00) J	ND(1.00)	NS	NS
Silver		NS	NS	ND(1.00)	ND(1.00)	NS	NS
Sulfide		NS	NS	8.40	78.0	NS	NS
Thallium		NS	NS	ND(1.00) J	ND(1.10) J	NS	NS
Tin		NS	NS	ND(10.0)	ND(14.0)	NS	NS
Vanadium		NS	NS	7.80	16.0	NS	NS
Zinc		NS	NS	41.0	140	NS	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area:	4B	4B	4B	4B	4B	4B
Sample ID:	RAA4-D33	RAA4-D34	RAA4-D34	RAA4-D34	RAA4-D35	RAA4-E17
Sample Depth(Feet):	0-1	0-1	6-8	6-15	6-15	0-1
Parameter Date Collected:	05/21/02	04/23/02	04/23/02	04/23/02	05/17/02	06/07/02
Volatile Organics						
1,1,1-Trichloroethane	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS	ND(0.0055)
1,1-Dichloroethane	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS	ND(0.0055)
1,2-Dichloroethane	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS	ND(0.0055)
2-Butanone	ND(0.011)	ND(0.011)	0.013	NS	NS	ND(0.011)
2-Chloroethylvinylether	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS	ND(0.0055)
Acetone	ND(0.023)	ND(0.023)	0.032	NS	NS	0.031
Benzene	ND(0.00570)	ND(0.00570)	ND(0.00610)	NS	NS	ND(0.00550)
Carbon Disulfide	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS	ND(0.0055)
Chlorobenzene	ND(0.0057)	ND(0.0057)	0.018	NS	NS	ND(0.0055)
Ethylbenzene	ND(0.00570)	ND(0.00570)	0.00310 J	NS	NS	ND(0.00550)
Methylene Chloride	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS	ND(0.0055)
Styrene	ND(0.00570)	ND(0.00570)	ND(0.00610)	NS	NS	ND(0.00550)
Tetrachloroethene	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS	ND(0.0055)
Toluene	ND(0.00570)	ND(0.00570)	ND(0.00610)	NS	NS	ND(0.00550)
Trichloroethene	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS	ND(0.0055)
Trichlorofluoromethane	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS	ND(0.0055)
Xylenes (total)	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS	ND(0.0055)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS	ND(0.360)
1,2,4-Trichlorobenzene	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS	ND(0.360)
1,2-Dichlorobenzene	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS	ND(0.360)
1,2-Diphenylhydrazine	ND(0.38)	ND(0.38)	NS	ND(0.41)	NS	ND(0.36)
1,3-Dichlorobenzene	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS	ND(0.360)
1,3-Dinitrobenzene	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS	ND(0.730)
1,4-Dichlorobenzene	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS	ND(0.360)
2,4-Dimethylphenol	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS	ND(0.360)
2-Chloronaphthalene	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS	ND(0.360)
2-Chlorophenol	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS	ND(0.360)
2-Methylnaphthalene	1.20	0.320 J	NS	3.40	NS	ND(0.360)
2-Methylphenol	ND(0.380)	ND(0.380)	NS	0.260 J	NS	ND(0.360)
2-Nitroaniline	ND(1.9) J	ND(1.90)	NS	ND(2.10)	NS	ND(1.80)
3&4-Methylphenol	ND(0.760)	ND(0.760)	NS	0.630 J	NS	ND(0.730)
4-Chloroaniline	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS	ND(0.360)
4-Chlorobenzilate	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS	ND(0.730)
4-Phenylenediamine	ND(0.76) J	ND(0.76) J	NS	ND(0.82) J	NS	ND(0.73) J
Acenaphthene	0.0940 J	ND(0.380)	NS	0.650	NS	ND(0.360)
Acenaphthylene	0.490	0.420	NS	1.60	NS	ND(0.360)
Acetophenone	ND(0.380)	0.190 J	NS	0.220 J	NS	ND(0.360)
Aniline	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS	ND(0.360)
Anthracene	0.420	0.420	NS	4.00	NS	ND(0.360)
Benzo(a)anthracene	2.00	1.30	NS	3.30	NS	ND(0.360)
Benzo(a)pyrene	2.50	1.30	NS	2.00	NS	ND(0.360)
Benzo(b)fluoranthene	1.90	1.70	NS	2.70	NS	ND(0.360)
Benzo(g,h,i)perylene	2.20	1.60	NS	0.690	NS	ND(0.360)
Benzo(k)fluoranthene	1.60	1.60	NS	1.80	NS	ND(0.360)
Benzyl Alcohol	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS	ND(0.730)
bis(2-Ethylhexyl)phthalate	ND(0.370)	ND(0.380)	NS	ND(0.400)	NS	ND(0.360)
Chrysene	2.10	1.30	NS	2.80	NS	ND(0.360)
Dibenzo(a,h)anthracene	0.600	0.660	NS	ND(0.410)	NS	ND(0.360)
Dibenzofuran	0.0920 J	0.0980 J	NS	3.10	NS	ND(0.360)
Diethylphthalate	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS	ND(0.360)
Dimethylphthalate	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS	ND(0.360)
Di-n-Butylphthalate	0.180 J	0.180 J	NS	ND(0.410)	NS	ND(0.360)
Diphenylamine	ND(0.38)	ND(0.38)	NS	ND(0.41)	NS	ND(0.36)
Fluoranthene	1.80	2.00	NS	15.0	NS	ND(0.360)
Fluorene	0.190 J	0.110 J	NS	3.20	NS	ND(0.360)
Hexachlorobenzene	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS	ND(0.360)
Indeno(1,2,3-cd)pyrene	1.80	1.70	NS	0.700	NS	ND(0.360)
Naphthalene	2.40	1.20	NS	12.0	NS	ND(0.360)
Nitrobenzene	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS	ND(0.360)
N-Nitrosodiphenylamine	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS	ND(0.360)
o-Toluidine	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS	ND(0.360)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-D33 0-1 05/21/02	4B RAA4-D34 0-1 04/23/02	4B RAA4-D34 6-8 04/23/02	4B RAA4-D34 6-15 04/23/02	4B RAA4-D35 6-15 05/17/02	4B RAA4-E17 0-1 06/07/02
Semivolatile Organics (continued)							
Pentachlorobenzene		ND(0.380)	ND(0.380)	NS	ND(0.410)	NS	ND(0.360)
Pentachlorophenol		ND(1.90)	ND(1.90)	NS	ND(2.10)	NS	ND(1.80)
Phenanthrene		1.60	1.30	NS	20.0	NS	ND(0.360)
Phenol		ND(0.380)	0.0930 J	NS	0.710	NS	ND(0.360)
Pyrene		5.40	2.80	NS	12.0	NS	ND(0.360)
Pyridine		ND(0.380)	ND(0.380)	NS	ND(0.410)	NS	ND(0.360)
Furans							
2,3,7,8-TCDF		0.000055	0.000022 J	NS	0.000011 YB	0.0000018	ND(0.00000015)
TCDFs (total)		0.00046	0.00024	NS	0.00014 X	0.000026 I	ND(0.00000014)
1,2,3,7,8-PeCDF		0.000017 J	0.0000096	NS	0.0000036 JB	0.0000020 J	ND(0.00000027)
2,3,4,7,8-PeCDF		0.000033	0.000012 J	NS	0.0000058	0.0000074	ND(0.00000027)
PeCDFs (total)		0.00034 Q	0.00021	NS	0.00025	0.000059 I	ND(0.00000034)
1,2,3,4,7,8-HxCDF		0.000027 J	0.000029	NS	0.0000088	0.000045	ND(0.00000027)
1,2,3,6,7,8-HxCDF		0.000016 J	0.000015	NS	0.000011	0.0000059	ND(0.00000027)
1,2,3,7,8,9-HxCDF		0.0000061 J	ND(0.0000023) X	NS	ND(0.0000030) X	0.0000067	ND(0.00000027)
2,3,4,6,7,8-HxCDF		0.000029	0.000028 YJ	NS	0.000035	0.0000064	ND(0.00000027)
HxCDFs (total)		0.00050	0.00046	NS	0.00054	0.00012 I	ND(0.00000027)
1,2,3,4,6,7,8-HpCDF		0.00028	0.00022	NS	0.000041	0.000039	0.00000012 J
1,2,3,4,7,8,9-HpCDF		0.0000091 J	0.0000082	NS	0.0000031 J	0.000030	ND(0.00000027)
HpCDFs (total)		0.00050	0.00039	NS	0.00010	0.00013	0.00000025
OCDF		0.00014	0.00012	NS	0.000012	0.00017	ND(0.00000055)
Dioxins							
2,3,7,8-TCDD		ND(0.0000023) X	0.00000092 JB	NS	ND(0.00000030)	0.00000026 J	ND(0.00000011)
TCDDs (total)		0.0000066	0.0000070	NS	0.0000023	0.0000060	ND(0.00000017)
1,2,3,7,8-PeCDD		ND(0.0000025) X	0.0000013 J	NS	ND(0.00000030)	0.0000013 J	ND(0.00000027)
PeCDDs (total)		0.0000099 Q	0.0000049	NS	0.00000063	0.0000070	ND(0.00000027)
1,2,3,4,7,8-HxCDD		0.0000020 J	0.0000011 J	NS	0.00000054 J	0.0000017 J	ND(0.00000027)
1,2,3,6,7,8-HxCDD		0.0000068 J	0.0000033 J	NS	0.00000077 J	0.0000030	ND(0.00000027)
1,2,3,7,8,9-HxCDD		0.0000050 J	0.0000017 J	NS	ND(0.00000077) X	0.0000017 J	ND(0.00000027)
HxCDDs (total)		0.000053	0.000019	NS	0.0000075	0.000033	ND(0.00000033)
1,2,3,4,6,7,8-HpCDD		0.00011	0.000047	NS	0.0000065	0.000011	0.00000028 J
HpCDDs (total)		0.00021	0.000092	NS	0.000012	0.000022	0.00000049
OCDD		0.00084	0.00038	NS	0.000025	0.000031	ND(0.0000024)
Total TEQs (WHO TEFs)		0.000039	0.000022	NS	0.000011	0.000013	0.00000037
Inorganics							
Antimony		0.940 B	1.50 B	NS	ND(6.00)	NS	ND(6.00)
Arsenic		7.50	6.60	NS	14.0	NS	4.80
Barium		34.0	26.0	NS	59.0	NS	21.0
Beryllium		ND(0.500)	ND(0.500)	NS	ND(0.500)	NS	ND(0.500)
Cadmium		0.530	ND(0.500)	NS	0.800	NS	ND(0.500)
Chromium		11.0	9.90	NS	17.0	NS	8.20
Cobalt		8.20	6.60	NS	6.30	NS	7.40
Copper		38.0	37.0	NS	92.0	NS	26.0
Cyanide		1.40	5.30	NS	7.00	NS	ND(0.110)
Lead		190 J	47.0	NS	180	NS	11.0 J
Mercury		ND(0.110)	0.260	NS	0.490	NS	ND(0.110)
Nickel		17.0	13.0	NS	20.0	NS	12.0
Selenium		0.570 J	ND(1.00)	NS	1.10	NS	ND(1.00)
Silver		ND(1.00)	ND(1.00)	NS	ND(1.00)	NS	ND(1.00)
Sulfide		34.0	82.0	NS	400	NS	17.0
Thallium		ND(1.70)	ND(1.10) J	NS	ND(1.20) J	NS	ND(1.10)
Tin		4.50 B	ND(10.0)	NS	63.0	NS	ND(3.40)
Vanadium		9.10	9.20	NS	17.0	NS	8.00
Zinc		74.0 J	64.0	NS	220	NS	44.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-E17 1-6 06/07/02	4B RAA4-E23 0-1 04/24/02	4B RAA4-E27 6-15 06/04/02	4B RAA4-E27 13-15 06/04/02	4B RAA4-E29 0-1 05/21/02	4B RAA4-E29 1-6 05/21/02
Volatile Organics							
1,1,1-Trichloroethane		NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)	NS
1,1-Dichloroethane		NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)	NS
1,2-Dichloroethane		NS	ND(0.0053)	NS	0.069	ND(0.36)	NS
2-Butanone		NS	ND(0.010)	NS	ND(0.031)	ND(7.2)	NS
2-Chloroethylvinylether		NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)	NS
Acetone		NS	ND(0.021)	NS	0.066	ND(7.2) J	NS
Benzene		NS	ND(0.00530)	NS	ND(0.0310)	ND(0.360)	NS
Carbon Disulfide		NS	ND(0.0053)	NS	ND(0.031)	ND(0.72)	NS
Chlorobenzene		NS	ND(0.0053)	NS	28	ND(0.36)	NS
Ethylbenzene		NS	ND(0.00530)	NS	0.480	5.80	NS
Methylene Chloride		NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)	NS
Styrene		NS	ND(0.00530)	NS	ND(0.0310)	ND(0.360)	NS
Tetrachloroethene		NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)	NS
Toluene		NS	ND(0.00530)	NS	0.0320	ND(0.360)	NS
Trichloroethene		NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)	NS
Trichlorofluoromethane		NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)	NS
Xylenes (total)		NS	ND(0.0053)	NS	3.0	10	NS
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		NS	ND(0.350)	ND(1.40)	NS	ND(0.380)	NS
1,2,4-Trichlorobenzene		NS	ND(0.350)	ND(1.40)	NS	1.60	NS
1,2-Dichlorobenzene		NS	ND(0.350)	ND(1.40)	NS	ND(0.380)	NS
1,2-Diphenylhydrazine		NS	ND(0.35)	ND(1.4)	NS	ND(0.38)	NS
1,3-Dichlorobenzene		NS	ND(0.350)	0.180 J	NS	ND(0.380)	NS
1,3-Dinitrobenzene		NS	ND(0.710)	ND(1.40)	NS	ND(0.770)	NS
1,4-Dichlorobenzene		NS	ND(0.350)	0.770 J	NS	1.90	NS
2,4-Dimethylphenol		NS	ND(0.350)	ND(1.40)	NS	ND(0.380)	NS
2-Chloronaphthalene		NS	ND(0.350)	ND(1.40)	NS	ND(0.380)	NS
2-Chlorophenol		NS	ND(0.350)	ND(1.40)	NS	ND(0.380)	NS
2-Methylnaphthalene		NS	ND(0.350)	1.30 J	NS	190	NS
2-Methylphenol		NS	ND(0.350)	ND(1.40)	NS	ND(0.380)	NS
2-Nitroaniline		NS	ND(1.80)	ND(7.20)	NS	ND(1.9) J	NS
3&4-Methylphenol		NS	0.200 J	ND(1.40)	NS	ND(0.770)	NS
4-Chloroaniline		NS	ND(0.350)	ND(1.40)	NS	ND(0.380)	NS
4-Chlorobenzilate		NS	ND(0.710)	ND(1.40)	NS	ND(0.770)	NS
4-Phenylenediamine		NS	ND(0.71) J	ND(1.4) J	NS	ND(0.77) J	NS
Acenaphthene		NS	ND(0.350)	9.10	NS	110	NS
Acenaphthylene		NS	ND(0.350)	0.880 J	NS	12.0	NS
Acetophenone		NS	ND(0.350)	ND(1.40)	NS	ND(0.380)	NS
Aniline		NS	0.500	ND(1.40)	NS	ND(0.380)	NS
Anthracene		NS	0.100 J	10.0	NS	61.0	NS
Benzo(a)anthracene		NS	0.220 J	7.20	NS	53.0	NS
Benzo(a)pyrene		NS	0.400	5.40	NS	42.0	NS
Benzo(b)fluoranthene		NS	0.350 J	2.70	NS	21.0	NS
Benzo(g,h,i)perylene		NS	0.390	2.80	NS	24.0	NS
Benzo(k)fluoranthene		NS	0.260 J	2.90	NS	27.0	NS
Benzyl Alcohol		NS	ND(0.710)	ND(2.90)	NS	ND(0.770)	NS
bis(2-Ethylhexyl)phthalate		NS	ND(0.350)	ND(0.720)	NS	ND(0.380)	NS
Chrysene		NS	0.240 J	6.40	NS	47.0	NS
Dibenzo(a,h)anthracene		NS	ND(0.350)	0.940 J	NS	11.0	NS
Dibenzofuran		NS	ND(0.350)	0.700 J	NS	ND(0.380)	NS
Diethylphthalate		NS	ND(0.350)	ND(1.40)	NS	ND(0.380)	NS
Dimethylphthalate		NS	ND(0.350)	ND(1.40)	NS	ND(0.380)	NS
Di-n-Butylphthalate		NS	0.400	ND(1.40)	NS	ND(0.380)	NS
Diphenylamine		NS	ND(0.35)	ND(1.4)	NS	ND(0.38)	NS
Fluoranthene		NS	0.480	9.90	NS	66.0	NS
Fluorene		NS	ND(0.350)	7.20	NS	65.0	NS
Hexachlorobenzene		NS	ND(0.350)	ND(1.40)	NS	ND(0.380)	NS
Indeno(1,2,3-cd)pyrene		NS	0.360	2.30	NS	21.0	NS
Naphthalene		NS	ND(0.350)	2.50	NS	410	NS
Nitrobenzene		NS	ND(0.350)	ND(1.40)	NS	ND(0.380)	NS
N-Nitrosodiphenylamine		NS	ND(0.350)	ND(1.40)	NS	ND(0.380)	NS
o-Toluidine		NS	ND(0.350)	ND(1.40)	NS	ND(0.380)	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4B	4B	4B	4B	4B	4B
	Sample ID:	RAA4-E17	RAA4-E23	RAA4-E27	RAA4-E27	RAA4-E29	RAA4-E29
	Sample Depth(Feet):	1-6	0-1	6-15	13-15	0-1	1-6
Parameter	Date Collected:	06/07/02	04/24/02	06/04/02	06/04/02	05/21/02	05/21/02
Semivolatile Organics (continued)							
Pentachlorobenzene		NS	ND(0.350)	ND(1.40)	NS	ND(0.380)	NS
Pentachlorophenol		NS	ND(1.80)	ND(7.20)	NS	ND(1.90)	NS
Phenanthrene		NS	0.380	38.0	NS	190	NS
Phenol		NS	0.260 J	ND(1.40)	NS	ND(0.380)	NS
Pyrene		NS	0.500	35.0	NS	120	NS
Pyridine		NS	ND(0.350)	ND(1.40)	NS	ND(0.380)	NS
Furans							
2,3,7,8-TCDF		ND(0.00000011)	0.000018 Y	NS	NS	0.000068	0.00029
TCDFs (total)		ND(0.00000011)	0.00020	NS	NS	0.00048 Q	0.0028 Q
1,2,3,7,8-PeCDF		ND(0.00000027)	0.0000071	NS	NS	0.000040	0.00011
2,3,4,7,8-PeCDF		ND(0.00000027)	0.000012	NS	NS	0.00012	0.00027
PeCDFs (total)		ND(0.00000027)	0.00048	NS	NS	0.00088 Q	0.0031 Q
1,2,3,4,7,8-HxCDF		ND(0.00000027)	0.000038	NS	NS	0.00018	0.00034
1,2,3,6,7,8-HxCDF		ND(0.00000027)	0.000016	NS	NS	0.000059	0.00012
1,2,3,7,8,9-HxCDF		ND(0.00000027)	ND(0.00012) X	NS	NS	0.000041	0.000060
2,3,4,6,7,8-HxCDF		ND(0.00000027)	0.000026	NS	NS	0.000081	0.00020
HxCDFs (total)		0.00000015	0.00094	NS	NS	0.0011	0.0030
1,2,3,4,6,7,8-HpCDF		ND(0.00000014) X	0.000063	NS	NS	0.00018	0.00051
1,2,3,4,7,8,9-HpCDF		ND(0.00000027)	ND(0.000011) X	NS	NS	0.000073	0.00018
HpCDFs (total)		ND(0.00000027)	0.00013	NS	NS	0.00044	0.0013
OCDF		ND(0.00000054)	ND(0.000045) X	NS	NS	0.00030	0.00076
Dioxins							
2,3,7,8-TCDD		ND(0.00000011)	ND(0.00000047)	NS	NS	ND(0.00000080)	0.000012
TCDDs (total)		ND(0.00000019)	0.0000057	NS	NS	0.000016	0.000089
1,2,3,7,8-PeCDD		ND(0.00000027)	0.0000045 J	NS	NS	ND(0.00000081) X	ND(0.000025) X
PeCDDs (total)		ND(0.00000027)	0.000016	NS	NS	0.000040 Q	0.00016
1,2,3,4,7,8-HxCDD		ND(0.00000027)	0.0000048 J	NS	NS	0.0000077 J	0.000022 J
1,2,3,6,7,8-HxCDD		ND(0.00000027)	0.0000080	NS	NS	0.0000099 J	0.000037 J
1,2,3,7,8,9-HxCDD		ND(0.00000027)	0.0000062	NS	NS	0.0000073 J	0.000030 J
HxCDDs (total)		ND(0.00000035)	0.000040	NS	NS	0.00012	0.00048
1,2,3,4,6,7,8-HpCDD		0.00000039 J	0.000045	NS	NS	0.000062	0.00023
HpCDDs (total)		0.00000039	0.00011	NS	NS	0.00012	0.00046
OCDD		0.0000025 J	0.00013	NS	NS	0.00023	0.00092
Total TEQs (WHO TEFs)		0.00000037	0.000030	NS	NS	0.00011	0.00028
Inorganics							
Antimony		NS	ND(6.00)	NS	NS	ND(6.00)	NS
Arsenic		NS	2.40	NS	NS	6.80	NS
Barium		NS	ND(20.0)	NS	NS	36.0	NS
Beryllium		NS	0.140 B	NS	NS	ND(0.500)	NS
Cadmium		NS	ND(0.500)	NS	NS	0.570	NS
Chromium		NS	3.80	NS	NS	14.0	NS
Cobalt		NS	ND(5.00)	NS	NS	5.40	NS
Copper		NS	39.0	NS	NS	77.0	NS
Cyanide		NS	0.100	NS	NS	3.40	NS
Lead		NS	57.0 J	NS	NS	140 J	NS
Mercury		NS	0.150	NS	NS	0.880	NS
Nickel		NS	7.80	NS	NS	12.0	NS
Selenium		NS	ND(1.00) J	NS	NS	0.790 J	NS
Silver		NS	ND(1.00)	NS	NS	0.360 B	NS
Sulfide		NS	24.0	NS	NS	24.0	NS
Thallium		NS	ND(1.00) J	NS	NS	ND(1.70)	NS
Tin		NS	ND(10.0)	NS	NS	14.0	NS
Vanadium		NS	5.00	NS	NS	11.0	NS
Zinc		NS	35.0	NS	NS	97.0 J	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-E31 0-1 04/24/02	4B RAA4-E31 1-6 04/24/02	4B RAA4-E31 4-6 04/24/02	4B RAA4-E31 6-15 04/24/02	4B RAA4-E35 0-1 05/17/02	4B RAA4-E35 6-15 05/17/02
Volatile Organics							
1,1,1-Trichloroethane		ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)	NS
1,1-Dichloroethane		ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)	NS
1,2-Dichloroethane		ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)	NS
2-Butanone		ND(0.011)	NS	ND(0.028)	NS	ND(0.015)	NS
2-Chloroethylvinylether		ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)	NS
Acetone		ND(0.022)	NS	0.084	NS	ND(0.029)	NS
Benzene		ND(0.00560)	NS	0.170	NS	ND(0.00730)	NS
Carbon Disulfide		ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)	NS
Chlorobenzene		ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)	NS
Ethylbenzene		ND(0.00560)	NS	8.30	NS	ND(0.00730)	NS
Methylene Chloride		ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)	NS
Styrene		ND(0.00560)	NS	ND(0.0280)	NS	ND(0.00730)	NS
Tetrachloroethene		ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)	NS
Toluene		ND(0.00560)	NS	0.180	NS	ND(0.00730)	NS
Trichloroethene		ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)	NS
Trichlorofluoromethane		ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)	NS
Xylenes (total)		ND(0.0056)	NS	8.6	NS	ND(0.0073)	NS
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.370)	ND(0.380)	NS	NS	ND(0.490)	ND(0.480)
1,2,4-Trichlorobenzene		ND(0.370)	ND(0.380)	NS	NS	0.110 J	ND(0.480)
1,2-Dichlorobenzene		ND(0.370)	ND(0.380)	NS	NS	ND(0.490)	ND(0.480)
1,2-Diphenylhydrazine		ND(0.37)	ND(0.38)	NS	NS	ND(0.49)	ND(0.48)
1,3-Dichlorobenzene		ND(0.370)	ND(0.380)	NS	NS	ND(0.490)	ND(0.480)
1,3-Dinitrobenzene		ND(0.750)	ND(0.760)	NS	NS	ND(0.980)	ND(0.970)
1,4-Dichlorobenzene		ND(0.370)	ND(0.380)	NS	NS	ND(0.490)	0.120 J
2,4-Dimethylphenol		ND(0.370)	ND(0.380)	NS	NS	ND(0.490)	ND(0.480)
2-Chloronaphthalene		ND(0.370)	ND(0.380)	NS	NS	ND(0.490)	ND(0.480)
2-Chlorophenol		ND(0.370)	ND(0.380)	NS	NS	ND(0.490)	ND(0.480)
2-Methylnaphthalene		0.310 J	26.0	NS	NS	0.220 J	ND(0.480)
2-Methylphenol		ND(0.370)	ND(0.380)	NS	NS	ND(0.490)	ND(0.480)
2-Nitroaniline		ND(1.90)	ND(1.90)	NS	NS	ND(2.50)	ND(2.50)
3&4-Methylphenol		ND(0.750)	ND(0.760)	NS	NS	ND(0.980)	ND(0.970)
4-Chloroaniline		ND(0.370)	ND(0.380)	NS	NS	ND(0.490)	ND(0.480)
4-Chlorobenzilate		ND(0.750)	ND(0.760)	NS	NS	ND(0.980)	ND(0.970)
4-Phenylenediamine		ND(0.75) J	ND(0.76) J	NS	NS	ND(0.98) J	ND(0.97) J
Acenaphthene		ND(0.370)	13.0	NS	NS	0.170 J	0.180 J
Acenaphthylene		1.10	7.20	NS	NS	1.10	0.250 J
Acetophenone		0.180 J	ND(0.380)	NS	NS	ND(0.490)	ND(0.480)
Aniline		0.130 J	ND(0.380)	NS	NS	0.780	ND(0.480)
Anthracene		0.480	8.90	NS	NS	0.920	ND(0.480)
Benzo(a)anthracene		2.00	12.0	NS	NS	2.00	0.570
Benzo(a)pyrene		2.60	19.0	NS	NS	2.10	0.640
Benzo(b)fluoranthene		1.80	5.60	NS	NS	2.10	0.510
Benzo(g,h,i)perylene		2.60	7.30	NS	NS	2.10	0.460 J
Benzo(k)fluoranthene		1.90	5.60	NS	NS	1.50	0.440 J
Benzyl Alcohol		ND(0.750)	ND(0.760)	NS	NS	ND(0.98) J	ND(0.97) J
bis(2-Ethylhexyl)phthalate		ND(0.370)	ND(0.380)	NS	NS	ND(0.480)	ND(0.480)
Chrysene		1.90	12.0	NS	NS	2.00	0.620
Dibenzo(a,h)anthracene		0.750	2.50	NS	NS	0.420 J	ND(0.480)
Dibenzofuran		ND(0.370)	0.750	NS	NS	0.150 J	ND(0.480)
Diethylphthalate		ND(0.370)	ND(0.380)	NS	NS	ND(0.490)	ND(0.480)
Dimethylphthalate		ND(0.370)	ND(0.380)	NS	NS	ND(0.490)	ND(0.480)
Di-n-Butylphthalate		0.150 J	ND(0.380)	NS	NS	0.680	ND(0.480)
Diphenylamine		ND(0.37)	ND(0.38)	NS	NS	ND(0.49)	ND(0.48)
Fluoranthene		2.00	18.0	NS	NS	3.50	0.990
Fluorene		0.240 J	7.60	NS	NS	0.290 J	0.150 J
Hexachlorobenzene		ND(0.370)	ND(0.380)	NS	NS	ND(0.490)	ND(0.480)
Indeno(1,2,3-cd)pyrene		2.20	6.30	NS	NS	1.80	0.330 J
Naphthalene		0.560	51.0	NS	NS	0.510	0.110 J
Nitrobenzene		ND(0.370)	ND(0.380)	NS	NS	ND(0.490)	ND(0.480)
N-Nitrosodiphenylamine		ND(0.370)	ND(0.380)	NS	NS	ND(0.490)	ND(0.480)
o-Toluidine		ND(0.370)	ND(0.380)	NS	NS	ND(0.490)	ND(0.480)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-E31 0-1 04/24/02	4B RAA4-E31 1-6 04/24/02	4B RAA4-E31 4-6 04/24/02	4B RAA4-E31 6-15 04/24/02	4B RAA4-E35 0-1 05/17/02	4B RAA4-E35 6-15 05/17/02
Semivolatile Organics (continued)							
Pentachlorobenzene		ND(0.370)	ND(0.380)	NS	NS	ND(0.490)	ND(0.480)
Pentachlorophenol		ND(1.90)	ND(1.90)	NS	NS	ND(2.50)	ND(2.50)
Phenanthrene		1.50	26.0	NS	NS	2.50	0.520
Phenol		0.110 J	ND(0.380)	NS	NS	0.510	ND(0.480)
Pyrene		3.80	57.0	NS	NS	3.40	0.950
Pyridine		ND(0.370)	ND(0.380)	NS	NS	ND(0.490)	ND(0.480)
Furans							
2,3,7,8-TCDF		0.000064 Y	0.000027 Y	NS	0.000021 Y	0.0037	NS
TCDFs (total)		0.00055	0.00025	NS	0.00025	0.018 I	NS
1,2,3,7,8-PeCDF		0.000023	0.0000052	NS	0.0000073 J	0.0026	NS
2,3,4,7,8-PeCDF		0.000021	0.0000079	NS	ND(0.0000085) XJ	0.0042	NS
PeCDFs (total)		0.00047	0.00012	NS	0.000089 QJ	0.028 I	NS
1,2,3,4,7,8-HxCDF		0.000038	0.000017	NS	ND(0.0000071)	0.0018	NS
1,2,3,6,7,8-HxCDF		0.000019	0.0000060	NS	ND(0.000045) X	0.0012	NS
1,2,3,7,8,9-HxCDF		ND(0.0000087) X	0.0000058 B	NS	ND(0.0000088)	0.00041	NS
2,3,4,6,7,8-HxCDF		0.000021	0.0000074	NS	ND(0.0000069) J	0.0019	NS
HxCDFs (total)		0.00041	0.00016	NS	0.000051 J	0.018	NS
1,2,3,4,6,7,8-HpCDF		0.000048	0.000026	NS	ND(0.000047) X	0.0016	NS
1,2,3,4,7,8,9-HpCDF		0.0000060	ND(0.0000016)	NS	ND(0.000013) J	0.00025	NS
HpCDFs (total)		0.00010	0.000047	NS	0.000072 J	0.0034	NS
OCDF		0.000040	0.000034	NS	ND(0.000083) X	0.00046	NS
Dioxins							
2,3,7,8-TCDD		ND(0.00000053) X	ND(0.00000040)	NS	ND(0.0000030)	0.000021	NS
TCDDs (total)		0.000022	0.0000056	NS	0.0000048	0.000097	NS
1,2,3,7,8-PeCDD		ND(0.0000023) X	ND(0.00000060)	NS	ND(0.0000033) X	0.000039 J	NS
PeCDDs (total)		0.0000096	ND(0.0000017) X	NS	0.000089 Q	0.00019	NS
1,2,3,4,7,8-HxCDD		0.0000021 JB	ND(0.0000011)	NS	ND(0.000010)	0.000024 J	NS
1,2,3,6,7,8-HxCDD		0.0000049 J	ND(0.0000012)	NS	ND(0.000011)	0.000032 J	NS
1,2,3,7,8,9-HxCDD		0.0000050 J	0.0000024 JB	NS	ND(0.000011)	0.000014 J	NS
HxCDDs (total)		0.000081	0.000015	NS	ND(0.000036) X	0.00023	NS
1,2,3,4,6,7,8-HpCDD		0.000051	0.000018	NS	0.000019	0.00025	NS
HpCDDs (total)		0.00010	0.000036	NS	0.000044	0.00049	NS
OCDD		0.00013	0.000057	NS	ND(0.000087) XJ	0.0016	NS
Total TEQs (WHO TEFs)		0.000030	0.000012	NS	0.000013	0.0032	NS
Inorganics							
Antimony		ND(6.00)	ND(6.00)	NS	NS	1.50 B	NS
Arsenic		11.0	6.10	NS	NS	6.90	NS
Barium		33.0	26.0	NS	NS	42.0	NS
Beryllium		ND(0.500)	ND(0.500)	NS	NS	ND(0.500)	NS
Cadmium		0.620	ND(0.500)	NS	NS	ND(0.500)	NS
Chromium		7.90	8.20	NS	NS	14.0	NS
Cobalt		5.30	6.80	NS	NS	8.50	NS
Copper		46.0	15.0	NS	NS	80.0	NS
Cyanide		1.60	1.00	NS	NS	4.80	NS
Lead		74.0 J	16.0 J	NS	NS	72.0	NS
Mercury		0.250	ND(0.110)	NS	NS	1.10	NS
Nickel		11.0	12.0	NS	NS	18.0	NS
Selenium		0.510 J	ND(1.00) J	NS	NS	ND(1.10)	NS
Silver		ND(1.00)	ND(1.00)	NS	NS	ND(1.10)	NS
Sulfide		23.0	68.0	NS	NS	42.0	NS
Thallium		ND(1.10) J	ND(1.10) J	NS	NS	ND(1.50) J	NS
Tin		ND(10.0)	ND(4.00)	NS	NS	33.0	NS
Vanadium		11.0	8.50	NS	NS	15.0	NS
Zinc		51.0	53.0	NS	NS	95.0	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-E35 10-12 05/17/02	4B RAA4-E36 0-1 04/23/02	4B RAA4-F19 0-1 06/18/02	4B RAA4-F19 1-6 06/18/02	4B RAA4-F21 0-1 06/04/02
Volatile Organics						
1,1,1-Trichloroethane		ND(0.0073)	ND(0.0055)	NS	NS	ND(0.0053) [ND(0.0053)]
1,1-Dichloroethane		ND(0.0073)	ND(0.0055)	NS	NS	ND(0.0053) [ND(0.0053)]
1,2-Dichloroethane		ND(0.0073)	ND(0.0055)	NS	NS	ND(0.0053) [ND(0.0053)]
2-Butanone		ND(0.014)	ND(0.011)	NS	NS	ND(0.011) [ND(0.011)]
2-Chloroethylvinylether		ND(0.0073)	ND(0.0055)	NS	NS	ND(0.0053) [ND(0.0053)]
Acetone		ND(0.029)	ND(0.022)	NS	NS	ND(0.021) [ND(0.021)]
Benzene		ND(0.00730)	ND(0.00550)	NS	NS	ND(0.00530) [ND(0.00530)]
Carbon Disulfide		ND(0.0073)	ND(0.0055)	NS	NS	ND(0.0053) [ND(0.0053)]
Chlorobenzene		0.0075	ND(0.0055)	NS	NS	ND(0.0053) [ND(0.0053)]
Ethylbenzene		ND(0.00730)	ND(0.00550)	NS	NS	ND(0.00530) [ND(0.00530)]
Methylene Chloride		ND(0.0073)	ND(0.0055)	NS	NS	ND(0.0053) [ND(0.0053)]
Styrene		ND(0.00730)	ND(0.00550)	NS	NS	ND(0.00530) [ND(0.00530)]
Tetrachloroethene		ND(0.0073)	ND(0.0055)	NS	NS	ND(0.0053) [ND(0.0053)]
Toluene		ND(0.00730)	ND(0.00550)	NS	NS	ND(0.00530) [ND(0.00530)]
Trichloroethene		ND(0.0073)	ND(0.0055)	NS	NS	ND(0.0053) [ND(0.0053)]
Trichlorofluoromethane		ND(0.0073)	ND(0.0055)	NS	NS	ND(0.0053) [ND(0.0053)]
Xylenes (total)		ND(0.0073)	ND(0.0055)	NS	NS	ND(0.0053) [ND(0.0053)]
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		NS	ND(0.480)	NS	NS	ND(0.350) [ND(0.360)]
1,2,4-Trichlorobenzene		NS	ND(0.480)	NS	NS	ND(0.350) [ND(0.360)]
1,2-Dichlorobenzene		NS	ND(0.480)	NS	NS	ND(0.350) [ND(0.360)]
1,2-Diphenylhydrazine		NS	ND(0.48)	NS	NS	ND(0.35) [ND(0.36)]
1,3-Dichlorobenzene		NS	ND(0.480)	NS	NS	ND(0.350) [ND(0.360)]
1,3-Dinitrobenzene		NS	ND(0.740)	NS	NS	ND(0.710) [ND(0.720)]
1,4-Dichlorobenzene		NS	ND(0.480)	NS	NS	ND(0.350) [ND(0.360)]
2,4-Dimethylphenol		NS	ND(0.480)	NS	NS	ND(0.350) [ND(0.360)]
2-Chloronaphthalene		NS	ND(0.480)	NS	NS	ND(0.350) [ND(0.360)]
2-Chlorophenol		NS	ND(0.480)	NS	NS	ND(0.350) [ND(0.360)]
2-Methylnaphthalene		NS	0.150 J	NS	NS	ND(0.350) [ND(0.360)]
2-Methylphenol		NS	ND(0.480)	NS	NS	ND(0.350) [ND(0.360)]
2-Nitroaniline		NS	ND(2.40)	NS	NS	ND(1.80) [ND(1.80)]
3&4-Methylphenol		NS	ND(0.740)	NS	NS	ND(0.710) [ND(0.720)]
4-Chloroaniline		NS	ND(0.480)	NS	NS	ND(0.350) [ND(0.360)]
4-Chlorobenzilate		NS	ND(0.740)	NS	NS	ND(0.710) [ND(0.720)]
4-Phenylenediamine		NS	ND(0.74) J	NS	NS	ND(0.71) J [ND(0.72) J]
Acenaphthene		NS	ND(0.480)	NS	NS	ND(0.350) [ND(0.360)]
Acenaphthylene		NS	0.690	NS	NS	ND(0.350) [ND(0.360)]
Acetophenone		NS	0.210 J	NS	NS	ND(0.350) [ND(0.360)]
Aniline		NS	0.700	NS	NS	ND(0.350) [ND(0.360)]
Anthracene		NS	0.410 J	NS	NS	0.190 J [ND(0.360)]
Benzo(a)anthracene		NS	1.60	NS	NS	1.0 J [0.24 J]
Benzo(a)pyrene		NS	1.40	NS	NS	0.88 J [0.25 J]
Benzo(b)fluoranthene		NS	1.40	NS	NS	0.81 J [0.21 J]
Benzo(g,h,i)perylene		NS	1.50	NS	NS	0.73 J [0.20 J]
Benzo(k)fluoranthene		NS	1.20	NS	NS	0.79 J [0.19 J]
Benzyl Alcohol		NS	ND(0.960)	NS	NS	ND(0.710) [ND(0.72) J]
bis(2-Ethylhexyl)phthalate		NS	ND(0.360)	NS	NS	ND(0.350) [ND(0.350)]
Chrysene		NS	1.60	NS	NS	0.90 J [0.22 J]
Dibenzo(a,h)anthracene		NS	0.430 J	NS	NS	0.230 J [ND(0.360)]
Dibenzofuran		NS	ND(0.480)	NS	NS	ND(0.350) [ND(0.360)]
Diethylphthalate		NS	ND(0.480)	NS	NS	ND(0.350) [ND(0.360)]
Dimethylphthalate		NS	ND(0.480)	NS	NS	ND(0.350) [0.250 J]
Di-n-Butylphthalate		NS	0.360 J	NS	NS	ND(0.350) [ND(0.360)]
Diphenylamine		NS	ND(0.48)	NS	NS	ND(0.35) [ND(0.36)]
Fluoranthene		NS	2.50	NS	NS	2.1 J [0.52 J]
Fluorene		NS	0.120 J	NS	NS	ND(0.350) [ND(0.360)]
Hexachlorobenzene		NS	ND(0.480)	NS	NS	ND(0.350) [ND(0.360)]
Indeno(1,2,3-cd)pyrene		NS	1.20	NS	NS	0.660 [0.170 J]
Naphthalene		NS	0.330 J	NS	NS	ND(0.350) [ND(0.360)]
Nitrobenzene		NS	ND(0.480)	NS	NS	ND(0.350) [ND(0.360)]
N-Nitrosodiphenylamine		NS	ND(0.480)	NS	NS	ND(0.350) [ND(0.360)]
o-Toluidine		NS	ND(0.480)	NS	NS	ND(0.350) [ND(0.360)]

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-E35 10-12 05/17/02	4B RAA4-E36 0-1 04/23/02	4B RAA4-F19 0-1 06/18/02	4B RAA4-F19 1-6 06/18/02	4B RAA4-F21 0-1 06/04/02
Semivolatile Organics (continued)						
Pentachlorobenzene		NS	ND(0.480)	NS	NS	ND(0.350) [ND(0.360)]
Pentachlorophenol		NS	ND(2.40)	NS	NS	ND(1.80) [ND(1.80)]
Phenanthrene		NS	1.20	NS	NS	0.800 [ND(0.360)]
Phenol		NS	0.410 J	NS	NS	ND(0.350) [ND(0.360)]
Pyrene		NS	2.80	NS	NS	1.9 J [0.44 J]
Pyridine		NS	ND(0.480)	NS	NS	ND(0.350) [ND(0.360)]
Furans						
2,3,7,8-TCDF		NS	0.000069 Y	0.0000077 Y	0.00015 Y	0.0000049 Y [0.0000054 Y]
TCDFs (total)		NS	0.0019 EJ	0.000080 I	0.0014 QI	0.000039 [0.000046]
1,2,3,7,8-PeCDF		NS	0.000039	0.0000050	0.000056 Q	0.0000018 J [0.0000026 J]
2,3,4,7,8-PeCDF		NS	0.00011	0.000028	0.00032	0.0000044 [0.0000061]
PeCDFs (total)		NS	0.017 EJ	0.00044 QI	0.0065 QI	0.000050 Q [0.000070 Q]
1,2,3,4,7,8-HxCDF		NS	0.00022	0.000021	0.00014	0.0000032 [0.0000050]
1,2,3,6,7,8-HxCDF		NS	0.00050	0.000015	0.00016	0.0000021 J [0.0000037]
1,2,3,7,8,9-HxCDF		NS	ND(0.00038) X	0.0000038	0.000034	0.00000078 J [0.00000090 J]
2,3,4,6,7,8-HxCDF		NS	0.0011	0.000041	0.00055	0.0000052 [0.0000072]
HxCDFs (total)		NS	0.016 EJ	0.00060 I	0.0075	0.000067 [0.000096]
1,2,3,4,6,7,8-HpCDF		NS	0.0016	0.000034	0.00046	0.0000067 [0.0000096]
1,2,3,4,7,8,9-HpCDF		NS	0.000068	0.0000059 J	0.000052 J	0.0000010 J [0.0000011 J]
HpCDFs (total)		NS	0.0034	0.00011	0.0012	0.000016 [0.000022]
OCDF		NS	0.00022	0.000018	0.00016	0.0000054 [0.0000076]
Dioxins						
2,3,7,8-TCDD		NS	0.0000017 B	ND(0.00000012)	0.00000095	ND(0.00000018) X [ND(0.00000017) X]
TCDDs (total)		NS	0.000017 Q	0.00000046	0.000022 Q	0.00000036 [0.00000087]
1,2,3,7,8-PeCDD		NS	0.0000088	0.00000058 J	0.0000057	ND(0.00000040) X [ND(0.00000031) X]
PeCDDs (total)		NS	0.000037	0.0000033	0.000050 Q	0.0000013 Q [0.0000016 Q]
1,2,3,4,7,8-HxCDD		NS	0.000015	0.00000062 J	0.0000072	ND(0.00000039) X [0.00000030 J]
1,2,3,6,7,8-HxCDD		NS	0.000014	0.00000082 J	0.0000078	0.00000054 J [0.00000043 J]
1,2,3,7,8,9-HxCDD		NS	0.000012	0.00000064 J	0.0000063	0.00000042 J [0.00000035 J]
HxCDDs (total)		NS	0.00019	0.0000090	0.00011	0.0000057 [0.0000058]
1,2,3,4,6,7,8-HpCDD		NS	0.00017	0.0000062	0.000053	0.0000044 [0.0000059]
HpCDDs (total)		NS	0.00034	0.000013	0.00011	0.0000086 [0.000011]
OCDD		NS	0.00062 J	0.000028	0.00022	0.000028 [0.000041]
Total TEQs (WHO TEFs)		NS	0.00030	0.000024	0.00028	0.0000044 [0.0000059]
Inorganics						
Antimony		NS	ND(6.00)	NS	NS	0.860 J [ND(6.00) J]
Arsenic		NS	11.0	NS	NS	3.80 J [4.50 J]
Barium		NS	41.0	NS	NS	36.0 J [22.0 J]
Beryllium		NS	ND(0.500)	NS	NS	ND(0.500) J [ND(0.500) J]
Cadmium		NS	1.20	NS	NS	ND(0.500) J [ND(0.500) J]
Chromium		NS	39.0	NS	NS	5.20 J [5.70 J]
Cobalt		NS	16.0	NS	NS	6.90 J [7.60 J]
Copper		NS	95.0	NS	NS	29.0 [16.0]
Cyanide		NS	1.50	NS	NS	ND(0.110) [ND(0.110)]
Lead		NS	65.0	NS	NS	32.0 [15.0]
Mercury		NS	0.340	NS	NS	0.0700 J [0.180 J]
Nickel		NS	29.0	NS	NS	11.0 [12.0]
Selenium		NS	1.30	NS	NS	ND(1.00) J [ND(1.00) J]
Silver		NS	ND(1.00)	NS	NS	ND(1.00) [ND(1.00)]
Sulfide		NS	55.0	NS	NS	12.0 [10.0]
Thallium		NS	ND(1.10) J	NS	NS	ND(1.10) [ND(1.10)]
Tin		NS	ND(10.0)	NS	NS	ND(4.30) [ND(3.40)]
Vanadium		NS	16.0	NS	NS	7.30 [6.60]
Zinc		NS	130	NS	NS	48.0 J [41.0 J]

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-F21 6-15 06/04/02	4B RAA4-F23 1-6 06/04/02	4B RAA4-F29 0-1 05/22/02	4B RAA4-F33 1-6 05/28/02
Volatile Organics					
1,1,1-Trichloroethane		NS	NS	0.15 [0.15]	NS
1,1-Dichloroethane		NS	NS	0.010 [0.011]	NS
1,2-Dichloroethane		NS	NS	0.0058 [ND(0.0054)]	NS
2-Butanone		NS	NS	ND(0.010) [ND(0.011)]	NS
2-Chloroethylvinylether		NS	NS	0.0046 J [ND(0.0054)]	NS
Acetone		NS	NS	0.0074 J [0.0079 J]	NS
Benzene		NS	NS	ND(0.00530) [ND(0.00540)]	NS
Carbon Disulfide		NS	NS	ND(0.0053) [ND(0.0054)]	NS
Chlorobenzene		NS	NS	ND(0.0053) [ND(0.0054)]	NS
Ethylbenzene		NS	NS	ND(0.00530) [ND(0.00540)]	NS
Methylene Chloride		NS	NS	ND(0.0053) [ND(0.0054)]	NS
Styrene		NS	NS	ND(0.00530) [ND(0.00540)]	NS
Tetrachloroethene		NS	NS	0.82 J [0.43 J]	NS
Toluene		NS	NS	ND(0.00530) [0.00460 J]	NS
Trichloroethene		NS	NS	0.096 [0.10]	NS
Trichlorofluoromethane		NS	NS	ND(0.0053) [ND(0.0054)]	NS
Xylenes (total)		NS	NS	ND(0.0053) [ND(0.0054)]	NS
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		NS	NS	0.390 [0.600 J]	NS
1,2,4-Trichlorobenzene		NS	NS	0.560 [1.50]	NS
1,2-Dichlorobenzene		NS	NS	ND(0.350) [ND(0.730)]	NS
1,2-Diphenylhydrazine		NS	NS	ND(0.35) [ND(0.73)]	NS
1,3-Dichlorobenzene		NS	NS	ND(0.350) [ND(0.730)]	NS
1,3-Dinitrobenzene		NS	NS	ND(0.710) [ND(0.730)]	NS
1,4-Dichlorobenzene		NS	NS	ND(0.350) [ND(0.730)]	NS
2,4-Dimethylphenol		NS	NS	0.120 J [0.220 J]	NS
2-Chloronaphthalene		NS	NS	ND(0.350) [ND(0.730)]	NS
2-Chlorophenol		NS	NS	ND(0.350) [ND(0.730)]	NS
2-Methylnaphthalene		NS	NS	ND(0.350) [ND(0.730)]	NS
2-Methylphenol		NS	NS	ND(0.350) [ND(0.730)]	NS
2-Nitroaniline		NS	NS	ND(1.80) [ND(3.60)]	NS
3&4-Methylphenol		NS	NS	0.160 J [0.250 J]	NS
4-Chloroaniline		NS	NS	ND(0.350) [ND(0.730)]	NS
4-Chlorobenzilate		NS	NS	ND(0.710) [ND(0.730)]	NS
4-Phenylenediamine		NS	NS	ND(0.71) J [ND(0.73) J]	NS
Acenaphthene		NS	NS	0.360 [0.730]	NS
Acenaphthylene		NS	NS	0.0930 J [ND(0.730)]	NS
Acetophenone		NS	NS	ND(0.350) [ND(0.730)]	NS
Aniline		NS	NS	1.2 J [6.5 J]	NS
Anthracene		NS	NS	0.610 [1.10]	NS
Benzo(a)anthracene		NS	NS	2.10 [3.90]	NS
Benzo(a)pyrene		NS	NS	2.40 [3.90]	NS
Benzo(b)fluoranthene		NS	NS	2.20 [3.80]	NS
Benzo(g,h,i)perylene		NS	NS	2.40 [4.00]	NS
Benzo(k)fluoranthene		NS	NS	1.70 [3.30]	NS
Benzyl Alcohol		NS	NS	ND(0.710) [ND(1.40)]	NS
bis(2-Ethylhexyl)phthalate		NS	NS	0.48 J [3.8 J]	NS
Chrysene		NS	NS	2.00 [3.80]	NS
Dibenzo(a,h)anthracene		NS	NS	0.640 [1.20]	NS
Dibenzofuran		NS	NS	0.190 J [0.350 J]	NS
Diethylphthalate		NS	NS	ND(0.350) [ND(0.730)]	NS
Dimethylphthalate		NS	NS	ND(0.350) [ND(0.730)]	NS
Di-n-Butylphthalate		NS	NS	0.350 J [0.580 J]	NS
Diphenylamine		NS	NS	ND(0.35) [ND(0.73)]	NS
Fluoranthene		NS	NS	3.70 [6.90]	NS
Fluorene		NS	NS	0.310 J [0.520 J]	NS
Hexachlorobenzene		NS	NS	ND(0.350) [ND(0.730)]	NS
Indeno(1,2,3-cd)pyrene		NS	NS	2.30 [3.90]	NS
Naphthalene		NS	NS	0.120 J [0.230 J]	NS
Nitrobenzene		NS	NS	ND(0.350) [ND(0.730)]	NS
N-Nitrosodiphenylamine		NS	NS	ND(0.350) [ND(0.730)]	NS
o-Toluidine		NS	NS	ND(0.350) [ND(0.730)]	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-F21 6-15 06/04/02	4B RAA4-F23 1-6 06/04/02	4B RAA4-F29 0-1 05/22/02	4B RAA4-F33 1-6 05/28/02
Semivolatile Organics (continued)					
Pentachlorobenzene		NS	NS	1.10 [1.80]	NS
Pentachlorophenol		NS	NS	ND(1.80) [ND(3.60)]	NS
Phenanthrene		NS	NS	2.80 [4.70]	NS
Phenol		NS	NS	0.240 J [0.800]	NS
Pyrene		NS	NS	3.10 [6.10]	NS
Pyridine		NS	NS	ND(0.350) [ND(0.730)]	NS
Furans					
2,3,7,8-TCDF		0.000087 Y	0.00012 YI	0.00074 [0.00065]	0.0000059 Y
TCDFs (total)		0.00079	0.0022 I	0.0046 I [0.0042]	0.000058
1,2,3,7,8-PeCDF		0.000026	0.000047	0.00044 [0.00042]	0.0000021 J
2,3,4,7,8-PeCDF		0.000034	0.00039	0.00098 [0.00092]	0.0000024 J
PeCDFs (total)		0.00038 I	0.0060 QI	0.010 QI [0.0088 QI]	0.000026
1,2,3,4,7,8-HxCDF		0.000038	0.00047	0.0012 [0.00098]	0.0000018 J
1,2,3,6,7,8-HxCDF		0.000020	0.00020	0.00051 [0.00045]	0.0000010 J
1,2,3,7,8,9-HxCDF		0.0000046	0.000067	0.00022 [0.00028]	ND(0.00000024) X
2,3,4,6,7,8-HxCDF		0.000026	0.00057	0.0012 [0.0010]	0.0000012 J
HxCDFs (total)		0.00037	0.0078 Q	0.016 [0.013 I]	0.000014
1,2,3,4,6,7,8-HpCDF		0.000050	0.0010	0.0024 [0.0017]	0.0000025 J
1,2,3,4,7,8,9-HpCDF		0.0000092	0.00026	0.00043 [0.00029]	0.00000031 J
HpCDFs (total)		0.00010	0.0028	0.0055 [0.0037]	0.0000044
OCDF		0.000060	0.0024	0.0037 J [0.0015 J]	0.0000021 J
Dioxins					
2,3,7,8-TCDD		0.00000065 J	ND(0.0000039) X	0.0000052 [0.0000052 J]	ND(0.00000024)
TCDDs (total)		0.000013	0.000055	0.000033 [0.000040]	0.00000038
1,2,3,7,8-PeCDD		ND(0.0000012) X	ND(0.000036) X	ND(0.000013) X [ND(0.000012) X]	ND(0.00000030) X
PeCDDs (total)		0.000012	0.00018 Q	0.000013 J [0.000024 QJ]	0.00000078
1,2,3,4,7,8-HxCDD		0.00000090 J	0.000038	0.000013 J [0.000010 J]	ND(0.00000061)
1,2,3,6,7,8-HxCDD		0.0000012 J	0.000049	0.000022 J [0.000016 J]	ND(0.00000061)
1,2,3,7,8,9-HxCDD		0.00000095 J	0.000040	0.000011 J [0.0000086 J]	ND(0.00000061)
HxCDDs (total)		0.000017	0.00073 Q	0.00020 [0.00016]	0.00000049
1,2,3,4,6,7,8-HpCDD		0.0000071	0.00030	0.00013 [0.00011]	0.00000094 J
HpCDDs (total)		0.000014	0.00066	0.00025 [0.00021]	0.0000018
OCDD		0.000028	0.0012	0.00045 [0.00042]	ND(0.0000046)
Total TEQs (WHO TEFs)		0.000038	0.00039	0.00095 [0.00085]	0.0000027
Inorganics					
Antimony		NS	NS	5.00 [6.40]	NS
Arsenic		NS	NS	3.50 [4.00]	NS
Barium		NS	NS	32.0 [29.0]	NS
Beryllium		NS	NS	ND(0.500) [ND(0.500)]	NS
Cadmium		NS	NS	0.660 [0.890]	NS
Chromium		NS	NS	15.0 J [16.0 J]	NS
Cobalt		NS	NS	5.30 [7.60]	NS
Copper		NS	NS	71.0 J [67.0 J]	NS
Cyanide		NS	NS	0.150 [0.0960 B]	NS
Lead		NS	NS	62.0 [60.0]	NS
Mercury		NS	NS	3.90 [4.10]	NS
Nickel		NS	NS	13.0 [22.0]	NS
Selenium		NS	NS	ND(1.00) [ND(1.00)]	NS
Silver		NS	NS	ND(1.00) [ND(1.00)]	NS
Sulfide		NS	NS	17.0 J [17.0 J]	NS
Thallium		NS	NS	ND(1.60) [ND(1.60)]	NS
Tin		NS	NS	ND(10.0) [ND(10.0)]	NS
Vanadium		NS	NS	11.0 [16.0]	NS
Zinc		NS	NS	140 [150]	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-F34 0-1 05/28/02	4B RAA4-F34 1-6 05/28/02	4B RAA4-F34 4-6 05/28/02	4B RAA4-F35 6-15 05/28/02	4B RAA4-F35 8-10 05/28/02	4B RAA4-G21 1-6 06/18/02
Volatile Organics							
1,1,1-Trichloroethane		ND(0.0064)	NS	ND(0.0057)	NS	ND(0.0058)	NS
1,1-Dichloroethane		ND(0.0064)	NS	ND(0.0057)	NS	ND(0.0058)	NS
1,2-Dichloroethane		ND(0.0064)	NS	ND(0.0057)	NS	ND(0.0058)	NS
2-Butanone		ND(0.013)	NS	ND(0.011)	NS	ND(0.012)	NS
2-Chloroethylvinylether		ND(0.0064)	NS	ND(0.0057)	NS	ND(0.0058)	NS
Acetone		ND(0.026)	NS	ND(0.023)	NS	ND(0.023)	NS
Benzene		ND(0.00640)	NS	ND(0.00570)	NS	ND(0.00580)	NS
Carbon Disulfide		ND(0.0064)	NS	ND(0.0057)	NS	ND(0.0058)	NS
Chlorobenzene		ND(0.0064)	NS	ND(0.0057)	NS	ND(0.0058)	NS
Ethylbenzene		ND(0.00640)	NS	ND(0.00570)	NS	ND(0.00580)	NS
Methylene Chloride		ND(0.0064)	NS	ND(0.0057)	NS	ND(0.0058)	NS
Styrene		ND(0.00640)	NS	ND(0.00570)	NS	ND(0.00580)	NS
Tetrachloroethene		ND(0.0064)	NS	ND(0.0057)	NS	ND(0.0058)	NS
Toluene		ND(0.00640)	NS	ND(0.00570)	NS	ND(0.00580)	NS
Trichloroethene		ND(0.0064)	NS	ND(0.0057)	NS	ND(0.0058)	NS
Trichlorofluoromethane		ND(0.0064)	NS	ND(0.0057)	NS	ND(0.0058)	NS
Xylenes (total)		ND(0.0064)	NS	ND(0.0057)	NS	ND(0.0058)	NS
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.470)	ND(0.380)	NS	ND(0.390)	NS	NS
1,2,4-Trichlorobenzene		ND(0.470)	ND(0.380)	NS	ND(0.390)	NS	NS
1,2-Dichlorobenzene		ND(0.470)	ND(0.380)	NS	ND(0.390)	NS	NS
1,2-Diphenylhydrazine		ND(0.47)	ND(0.38)	NS	ND(0.39)	NS	NS
1,3-Dichlorobenzene		ND(0.470)	ND(0.380)	NS	ND(0.390)	NS	NS
1,3-Dinitrobenzene		ND(0.860)	ND(0.760)	NS	ND(0.780)	NS	NS
1,4-Dichlorobenzene		ND(0.470)	ND(0.380)	NS	ND(0.390)	NS	NS
2,4-Dimethylphenol		ND(0.470)	ND(0.380)	NS	ND(0.390)	NS	NS
2-Chloronaphthalene		ND(0.470)	ND(0.380)	NS	ND(0.390)	NS	NS
2-Chlorophenol		ND(0.470)	ND(0.380)	NS	ND(0.390)	NS	NS
2-Methylnaphthalene		ND(0.470)	ND(0.380)	NS	0.160 J	NS	NS
2-Methylphenol		ND(0.470)	ND(0.380)	NS	ND(0.390)	NS	NS
2-Nitroaniline		ND(2.30)	ND(1.90)	NS	ND(2.00)	NS	NS
3&4-Methylphenol		ND(0.860)	ND(0.760)	NS	ND(0.780)	NS	NS
4-Chloroaniline		ND(0.470)	ND(0.380)	NS	ND(0.390)	NS	NS
4-Chlorobenzilate		ND(0.860)	ND(0.760)	NS	ND(0.780)	NS	NS
4-Phenylenediamine		ND(0.86) J	ND(0.76) J	NS	ND(0.78) J	NS	NS
Acenaphthene		ND(0.470)	ND(0.380)	NS	ND(0.390)	NS	NS
Acenaphthylene		ND(0.470)	ND(0.380)	NS	0.800	NS	NS
Acetophenone		ND(0.470)	ND(0.380)	NS	ND(0.390)	NS	NS
Aniline		ND(0.470)	ND(0.380)	NS	ND(0.390)	NS	NS
Anthracene		ND(0.470)	ND(0.380)	NS	0.240 J	NS	NS
Benzo(a)anthracene		0.0940 J	ND(0.380)	NS	0.430	NS	NS
Benzo(a)pyrene		0.120 J	ND(0.380)	NS	0.900	NS	NS
Benzo(b)fluoranthene		0.0970 J	ND(0.380)	NS	0.440	NS	NS
Benzo(g,h,i)perylene		ND(0.470)	ND(0.380)	NS	1.20	NS	NS
Benzo(k)fluoranthene		0.0670 J	ND(0.380)	NS	0.470	NS	NS
Benzyl Alcohol		ND(0.940)	ND(0.760)	NS	ND(0.780)	NS	NS
bis(2-Ethylhexyl)phthalate		ND(0.420)	ND(0.370)	NS	ND(0.380)	NS	NS
Chrysene		ND(0.470)	ND(0.380)	NS	0.490	NS	NS
Dibenzo(a,h)anthracene		ND(0.470)	ND(0.380)	NS	ND(0.390)	NS	NS
Dibenzofuran		ND(0.470)	ND(0.380)	NS	ND(0.390)	NS	NS
Diethylphthalate		ND(0.470)	ND(0.380)	NS	ND(0.390)	NS	NS
Dimethylphthalate		ND(0.470)	ND(0.380)	NS	ND(0.390)	NS	NS
Di-n-Butylphthalate		ND(0.470)	ND(0.380)	NS	ND(0.390)	NS	NS
Diphenylamine		ND(0.47)	ND(0.38)	NS	ND(0.39)	NS	NS
Fluoranthene		0.190 J	ND(0.380)	NS	0.560	NS	NS
Fluorene		ND(0.470)	ND(0.380)	NS	ND(0.390)	NS	NS
Hexachlorobenzene		ND(0.470)	ND(0.380)	NS	ND(0.390)	NS	NS
Indeno(1,2,3-cd)pyrene		ND(0.470)	ND(0.380)	NS	0.760	NS	NS
Naphthalene		ND(0.470)	ND(0.380)	NS	0.370 J	NS	NS
Nitrobenzene		ND(0.470)	ND(0.380)	NS	ND(0.390)	NS	NS
N-Nitrosodiphenylamine		ND(0.470)	ND(0.380)	NS	ND(0.390)	NS	NS
o-Toluidine		ND(0.470)	ND(0.380)	NS	ND(0.390)	NS	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4B	4B	4B	4B	4B	4B
	Sample ID:	RAA4-F34	RAA4-F34	RAA4-F34	RAA4-F35	RAA4-F35	RAA4-G21
	Sample Depth(Feet):	0-1	1-6	4-6	6-15	8-10	1-6
Parameter	Date Collected:	05/28/02	05/28/02	05/28/02	05/28/02	05/28/02	06/18/02
Semivolatile Organics (continued)							
Pentachlorobenzene		ND(0.470)	ND(0.380)	NS	ND(0.390)	NS	NS
Pentachlorophenol		ND(2.30)	ND(1.90)	NS	ND(2.00)	NS	NS
Phenanthrene		0.110 J	ND(0.380)	NS	0.400	NS	NS
Phenol		ND(0.470)	ND(0.380)	NS	ND(0.390)	NS	NS
Pyrene		0.140 J	ND(0.380)	NS	0.860	NS	NS
Pyridine		ND(0.470)	ND(0.380)	NS	ND(0.390)	NS	NS
Furans							
2,3,7,8-TCDF		0.00014 Y	0.0000028 Y	NS	ND(0.00000026)	NS	0.00011 YQ
TCDFs (total)		0.0012	0.000025	NS	ND(0.00000026)	NS	0.00059
1,2,3,7,8-PeCDF		0.000046	0.0000011 J	NS	ND(0.00000064)	NS	0.000044
2,3,4,7,8-PeCDF		0.000044	0.0000010 J	NS	ND(0.00000064)	NS	0.00019
PeCDFs (total)		0.00056 I	0.000010	NS	ND(0.00000064)	NS	0.0017 QI
1,2,3,4,7,8-HxCDF		0.000040	0.0000012 J	NS	ND(0.00000064)	NS	0.00025
1,2,3,6,7,8-HxCDF		0.000023	0.00000070 J	NS	ND(0.00000064)	NS	0.00011
1,2,3,7,8,9-HxCDF		0.0000042 J	0.00000013 J	NS	ND(0.00000064)	NS	0.000048
2,3,4,6,7,8-HxCDF		0.000024	0.00000050 J	NS	ND(0.00000064)	NS	0.00044
HxCDFs (total)		0.00033	0.0000071	NS	ND(0.00000064)	NS	0.0055
1,2,3,4,6,7,8-HpCDF		0.000056	0.0000016 J	NS	ND(0.00000015) X	NS	0.00046
1,2,3,4,7,8,9-HpCDF		0.0000068 J	0.00000024 J	NS	ND(0.00000064)	NS	0.00011 J
HpCDFs (total)		0.000098	0.0000026	NS	ND(0.00000064)	NS	0.0012
OCDF		0.000053	0.0000016 J	NS	ND(0.0000013)	NS	0.00064
Dioxins							
2,3,7,8-TCDD		0.0000013 J	ND(0.00000024)	NS	ND(0.00000026)	NS	0.0000055
TCDDs (total)		0.000020	0.00000024	NS	ND(0.00000048)	NS	0.000022
1,2,3,7,8-PeCDD		ND(0.0000026) X	ND(0.00000060)	NS	ND(0.00000064)	NS	0.000016
PeCDDs (total)		0.000019	0.00000036	NS	ND(0.00000064)	NS	0.00012 Q
1,2,3,4,7,8-HxCDD		0.0000013 J	ND(0.00000060)	NS	ND(0.00000064)	NS	0.000026
1,2,3,6,7,8-HxCDD		0.0000020 J	ND(0.00000060)	NS	ND(0.00000064)	NS	0.000033
1,2,3,7,8,9-HxCDD		0.0000015 J	ND(0.00000060)	NS	ND(0.00000064)	NS	0.000025
HxCDDs (total)		0.000025	ND(0.00000060)	NS	ND(0.00000064)	NS	0.00044
1,2,3,4,6,7,8-HpCDD		0.000019	0.0000011 J	NS	0.00000028 J	NS	0.00025
HpCDDs (total)		0.000035	0.0000018	NS	0.00000028	NS	0.00049
OCDD		0.00018	0.000012	NS	ND(0.0000018)	NS	0.0013
Total TEQs (WHO TEFs)		0.000051	0.0000016	NS	0.00000087	NS	0.00023
Inorganics							
Antimony		1.20 B	1.30 B	NS	1.00 B	NS	NS
Arsenic		9.70	6.00	NS	3.20	NS	NS
Barium		72.0	28.0	NS	22.0	NS	NS
Beryllium		0.570	ND(0.500)	NS	ND(0.500)	NS	NS
Cadmium		0.180 B	ND(0.500)	NS	0.120 B	NS	NS
Chromium		31.0	7.70	NS	7.20	NS	NS
Cobalt		11.0	9.70	NS	6.80	NS	NS
Copper		30.0	21.0	NS	9.30	NS	NS
Cyanide		0.160	ND(0.230)	NS	ND(0.230)	NS	NS
Lead		38.0	10.0	NS	4.50	NS	NS
Mercury		0.610	ND(0.110)	NS	ND(0.120)	NS	NS
Nickel		16.0	13.0	NS	9.80	NS	NS
Selenium		ND(1.00)	ND(1.00)	NS	ND(1.00)	NS	NS
Silver		ND(1.00)	ND(1.00)	NS	ND(1.00)	NS	NS
Sulfide		33.0	33.0	NS	39.0	NS	NS
Thallium		ND(1.30) J	ND(1.10) J	NS	ND(1.20) J	NS	NS
Tin		ND(10.0)	ND(10.0)	NS	ND(3.60)	NS	NS
Vanadium		22.0	7.10	NS	7.90	NS	NS
Zinc		84.0	45.0	NS	50.0	NS	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-G27 0-1 05/22/02	4B RAA4-G31 0-1 06/24/02	4B RAA4-G33 6-8 06/20/02	4B RAA4-G33 6-15 06/20/02	4B RAA4-G34 0-1 06/24/02	4B RAA4-H17 0-1 06/14/02
Volatile Organics							
1,1,1-Trichloroethane		ND(0.0056)	ND(0.0061)	ND(0.0058)	NS	ND(0.0065)	ND(0.0055)
1,1-Dichloroethane		ND(0.0056)	ND(0.0061)	ND(0.0058)	NS	ND(0.0065)	ND(0.0055)
1,2-Dichloroethane		ND(0.0056)	ND(0.0061)	ND(0.0058)	NS	ND(0.0065)	ND(0.0055)
2-Butanone		ND(0.011)	ND(0.012)	ND(0.012)	NS	ND(0.013)	ND(0.011)
2-Chloroethylvinylether		ND(0.0056)	ND(0.0061)	ND(0.0058)	NS	ND(0.0065)	ND(0.0055)
Acetone		ND(0.022)	ND(0.024)	ND(0.023)	NS	ND(0.026)	ND(0.022)
Benzene		ND(0.00560)	ND(0.00610)	ND(0.00580)	NS	ND(0.00650)	ND(0.00550)
Carbon Disulfide		ND(0.0056)	ND(0.0061)	ND(0.0058)	NS	ND(0.0065)	ND(0.0055)
Chlorobenzene		ND(0.0056)	ND(0.0061)	ND(0.0058)	NS	ND(0.0065)	ND(0.0055)
Ethylbenzene		ND(0.00560)	ND(0.00610)	ND(0.00580)	NS	ND(0.00650)	ND(0.00550)
Methylene Chloride		ND(0.0056)	ND(0.0061)	ND(0.0058)	NS	ND(0.0065)	ND(0.0055)
Styrene		ND(0.00560)	ND(0.00610)	ND(0.00580)	NS	ND(0.00650)	ND(0.00550)
Tetrachloroethene		ND(0.0056)	ND(0.0061)	ND(0.0058)	NS	ND(0.0065)	ND(0.0055)
Toluene		0.00400 J	ND(0.00610)	ND(0.00580)	NS	ND(0.00650)	ND(0.00550)
Trichloroethene		ND(0.0056)	ND(0.0061)	ND(0.0058)	NS	ND(0.0065)	ND(0.0055)
Trichlorofluoromethane		ND(0.0056)	ND(0.0061)	ND(0.0058)	NS	ND(0.0065)	ND(0.0055)
Xylenes (total)		ND(0.0056)	ND(0.0061)	ND(0.0058)	NS	ND(0.0065)	ND(0.0055)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.370)	ND(0.410)	NS	ND(0.390)	ND(0.430)	ND(0.360)
1,2,4-Trichlorobenzene		2.00	ND(0.410)	NS	ND(0.390)	ND(0.430)	0.920
1,2-Dichlorobenzene		1.00	ND(0.410)	NS	ND(0.390)	ND(0.430)	ND(0.360)
1,2-Diphenylhydrazine		ND(0.37)	ND(0.41)	NS	ND(0.39)	ND(0.43)	ND(0.36)
1,3-Dichlorobenzene		0.420	ND(0.410)	NS	ND(0.390)	ND(0.430)	ND(0.360)
1,3-Dinitrobenzene		ND(0.750)	ND(0.820)	NS	ND(0.780)	ND(0.870)	ND(0.730)
1,4-Dichlorobenzene		2.50	ND(0.410)	NS	ND(0.390)	ND(0.430)	ND(0.360)
2,4-Dimethylphenol		0.370 J	ND(0.410)	NS	ND(0.390)	ND(0.430)	ND(0.360)
2-Chloronaphthalene		0.0770 J	ND(0.410)	NS	ND(0.390)	ND(0.430)	ND(0.360)
2-Chlorophenol		ND(0.370)	ND(0.410)	NS	ND(0.390)	ND(0.430)	ND(0.360)
2-Methylnaphthalene		ND(0.370)	ND(0.410)	NS	ND(0.390)	ND(0.430)	ND(0.360)
2-Methylphenol		0.590	ND(0.410)	NS	ND(0.390)	ND(0.430)	ND(0.360)
2-Nitroaniline		ND(1.90)	ND(2.10)	NS	ND(2.00)	ND(2.20)	ND(1.90)
3&4-Methylphenol		0.500 J	ND(0.820)	NS	ND(0.780)	ND(0.870)	ND(0.730)
4-Chloroaniline		ND(0.370)	ND(0.410)	NS	ND(0.390)	ND(0.430)	ND(0.360)
4-Chlorobenzilate		ND(0.750)	ND(0.820)	NS	ND(0.780)	ND(0.870)	ND(0.730)
4-Phenylenediamine		ND(0.75) J	ND(0.82) J	NS	ND(0.78) J	ND(0.87) J	ND(0.73) J
Acenaphthene		ND(0.370)	ND(0.410)	NS	ND(0.390)	ND(0.430)	ND(0.360)
Acenaphthylene		0.0810 J	ND(0.410)	NS	ND(0.390)	ND(0.430)	ND(0.360)
Acetophenone		ND(0.370)	ND(0.410)	NS	ND(0.390)	ND(0.430)	ND(0.360)
Aniline		14.0	ND(0.410)	NS	ND(0.390)	ND(0.430)	0.170 J
Anthracene		0.150 J	ND(0.410)	NS	ND(0.390)	ND(0.430)	0.160 J
Benzo(a)anthracene		0.460	0.110 J	NS	ND(0.390)	0.0840 J	0.760
Benzo(a)pyrene		0.690	0.130 J	NS	ND(0.390)	ND(0.430)	0.880
Benzo(b)fluoranthene		0.670	0.210 J	NS	ND(0.390)	ND(0.430)	1.10
Benzo(g,h,i)perylene		0.930	ND(0.410)	NS	ND(0.390)	ND(0.430)	ND(0.360)
Benzo(k)fluoranthene		0.600	ND(0.410)	NS	ND(0.390)	ND(0.430)	0.690
Benzyl Alcohol		ND(0.750)	ND(0.820)	NS	ND(0.780)	ND(0.870)	ND(0.730)
bis(2-Ethylhexyl)phthalate		1.80	ND(0.400)	NS	ND(0.380)	ND(0.430)	ND(0.360)
Chrysene		0.470	0.150 J	NS	ND(0.390)	0.0940 J	0.830
Dibenzo(a,h)anthracene		0.240 J	ND(0.410)	NS	ND(0.390)	ND(0.430)	ND(0.360)
Dibenzofuran		ND(0.370)	ND(0.410)	NS	ND(0.390)	ND(0.430)	ND(0.360)
Diethylphthalate		ND(0.370)	ND(0.410)	NS	ND(0.390)	ND(0.430)	ND(0.360)
Dimethylphthalate		ND(0.370)	ND(0.410)	NS	ND(0.390)	ND(0.430)	ND(0.360)
Di-n-Butylphthalate		1.20	ND(0.410)	NS	ND(0.390)	ND(0.430)	ND(0.360)
Diphenylamine		0.11 J	ND(0.41)	NS	ND(0.39)	ND(0.43)	ND(0.36)
Fluoranthene		0.710	0.240 J	NS	ND(0.390)	0.220 J	0.990
Fluorene		ND(0.370)	ND(0.410)	NS	ND(0.390)	ND(0.430)	ND(0.360)
Hexachlorobenzene		0.150 J	ND(0.410)	NS	ND(0.390)	ND(0.430)	ND(0.360)
Indeno(1,2,3-cd)pyrene		0.840	ND(0.410)	NS	ND(0.390)	ND(0.430)	0.620
Naphthalene		0.0800 J	ND(0.410)	NS	ND(0.390)	ND(0.430)	0.0740 J
Nitrobenzene		ND(0.370)	ND(0.410)	NS	ND(0.390)	ND(0.430)	ND(0.360)
N-Nitrosodiphenylamine		ND(0.370)	ND(0.410)	NS	ND(0.390)	ND(0.430)	ND(0.360)
o-Toluidine		ND(0.370)	ND(0.410)	NS	ND(0.390)	ND(0.430)	ND(0.360)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4B	4B	4B	4B	4B	4B
	Sample ID:	RAA4-G27	RAA4-G31	RAA4-G33	RAA4-G33	RAA4-G34	RAA4-H17
	Sample Depth(Feet):	0-1	0-1	6-8	6-15	0-1	0-1
Parameter	Date Collected:	05/22/02	06/24/02	06/20/02	06/20/02	06/24/02	06/14/02
Semivolatile Organics (continued)							
Pentachlorobenzene		1.50	ND(0.410)	NS	ND(0.390)	ND(0.430)	ND(0.360)
Pentachlorophenol		ND(1.90)	ND(2.10)	NS	ND(2.00)	ND(2.20)	ND(1.90)
Phenanthrene		0.390	0.180 J	NS	ND(0.390)	0.170 J	0.730
Phenol		2.10	ND(0.410)	NS	0.750	ND(0.430)	ND(0.360)
Pyrene		0.600	0.320 J	NS	ND(0.390)	0.330 J	1.90
Pyridine		0.410	ND(0.410)	NS	ND(0.390)	ND(0.430)	ND(0.360)
Furans							
2,3,7,8-TCDF		0.00012	0.00025 Y	NS	ND(0.00000044) X	0.00032 Y	0.00022 Y
TCDFs (total)		0.00096	0.0021	NS	0.0000016	0.0025	0.0017 QI
1,2,3,7,8-PeCDF		0.00010	0.000098	NS	0.00000015 J	0.000096	0.00016 Q
2,3,4,7,8-PeCDF		0.00030	0.000097	NS	ND(0.00000019) X	0.00010	0.00028
PeCDFs (total)		0.0022	0.00094 I	NS	0.00000092	0.0010 I	0.0027 QI
1,2,3,4,7,8-HxCDF		0.00061	0.000095	NS	0.00000017 J	0.000081	0.00039
1,2,3,6,7,8-HxCDF		0.00018	0.000054	NS	ND(0.00000014) X	0.000044	0.00022
1,2,3,7,8,9-HxCDF		0.00013	0.000011	NS	ND(0.00000024)	0.0000035	0.000074
2,3,4,6,7,8-HxCDF		0.00023	0.000053	NS	ND(0.00000011) X	0.000045	0.00019
HxCDFs (total)		0.0030	0.00070	NS	0.00000079	0.00070	0.0025
1,2,3,4,6,7,8-HpCDF		0.00059	0.00011	NS	0.00000022 J	0.000096	0.00041
1,2,3,4,7,8,9-HpCDF		0.00022	0.000013	NS	ND(0.00000024)	0.000012	0.00011
HpCDFs (total)		0.0016	0.00019	NS	0.00000064	0.00018	0.00082
OCDF		0.0022	0.000082	NS	0.00000071 J	0.000070	0.00036
Dioxins							
2,3,7,8-TCDD		ND(0.0000016) X	0.0000016	NS	ND(0.00000015)	0.0000021	ND(0.0000021)
TCDDs (total)		0.000015	0.000049	NS	ND(0.00000015)	0.000056	0.000052
1,2,3,7,8-PeCDD		ND(0.000037) X	ND(0.0000033) X	NS	ND(0.00000024)	0.0000035	0.000013
PeCDDs (total)		0.000023	0.000040	NS	0.00000011	0.000046	0.00012 Q
1,2,3,4,7,8-HxCDD		ND(0.0000045) X	0.0000023 J	NS	ND(0.00000024)	0.0000020 J	0.000012
1,2,3,6,7,8-HxCDD		0.0000081 J	0.0000032	NS	ND(0.00000024)	0.0000030	0.000016
1,2,3,7,8,9-HxCDD		ND(0.0000053) X	0.0000024 J	NS	ND(0.00000024)	0.0000023 J	0.000015
HxCDDs (total)		0.000079	0.000044	NS	0.00000010	0.000047	0.00023
1,2,3,4,6,7,8-HpCDD		0.00012	0.000020	NS	0.00000058 J	0.000023	0.000097
HpCDDs (total)		0.00023	0.000041	NS	0.00000058	0.000049	0.00021
OCDD		0.00073	0.000080	NS	0.0000030 J	0.00011	0.00069
Total TEQs (WHO TEFs)		0.00031	0.00011	NS	0.00000036	0.00011	0.00028
Inorganics							
Antimony		ND(6.00)	1.10 B	NS	ND(6.00)	ND(6.00)	7.80
Arsenic		11.0	11.0	NS	4.80	14.0	46.0
Barium		47.0	48.0	NS	22.0	76.0	71.0
Beryllium		ND(0.500)	ND(0.500)	NS	ND(0.500)	ND(0.500)	ND(0.500) J
Cadmium		0.700	ND(0.500)	NS	ND(0.500) J	ND(0.500)	2.00
Chromium		94.0 J	7.90	NS	8.90	11.0	51.0
Cobalt		6.80	ND(5.00)	NS	8.90	5.40	11.0
Copper		130 J	34.0	NS	21.0	53.0	680
Cyanide		0.250	0.270	NS	ND(0.120)	0.300	0.190
Lead		410	49.0	NS	7.60	78.0	290
Mercury		5.50	0.350	NS	ND(0.120)	0.580	8.00
Nickel		36.0	8.80	NS	16.0	15.0	50.0
Selenium		ND(1.00)	ND(1.00)	NS	ND(1.00) J	0.910 B	ND(1.00) J
Silver		ND(1.00)	ND(1.00)	NS	ND(1.00)	ND(1.00)	0.410 B
Sulfide		47.0 J	24.0	NS	28.0	35.0	70.0
Thallium		ND(1.70)	ND(1.80)	NS	ND(1.70) J	ND(1.90)	3.50 J
Tin		ND(12.0)	ND(10.0)	NS	ND(10.0)	ND(10.0)	41.0
Vanadium		37.0	19.0	NS	7.90	47.0	31.0
Zinc		230	66.0	NS	43.0	96.0	440

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-H17 1-6 06/14/02	4B RAA4-H21 0-1 06/04/02	4B RAA4-H27 0-1 04/24/02	4B RAA4-H27 1-6 10/18/02	4B RAA4-H27 4-6 10/18/02
Volatile Organics						
1,1,1-Trichloroethane		NS	ND(0.0059)	0.0038 J	NS	0.031
1,1-Dichloroethane		NS	ND(0.0059)	0.039	NS	0.036 J
1,2-Dichloroethane		NS	ND(0.0059)	0.0049 J	NS	0.024
2-Butanone		NS	ND(0.012)	ND(0.012)	NS	ND(0.013)
2-Chloroethylvinylether		NS	ND(0.0059)	ND(0.0060)	NS	ND(0.0067)
Acetone		NS	ND(0.024)	0.013 J	NS	ND(0.027)
Benzene		NS	ND(0.00590)	ND(0.00600)	NS	ND(0.00670)
Carbon Disulfide		NS	ND(0.0059)	ND(0.0060)	NS	ND(0.0067)
Chlorobenzene		NS	ND(0.0059)	ND(0.0060)	NS	ND(0.0067)
Ethylbenzene		NS	ND(0.00590)	ND(0.00600)	NS	ND(0.00670)
Methylene Chloride		NS	ND(0.0059)	ND(0.0060)	NS	0.12 J
Styrene		NS	ND(0.00590)	ND(0.00600)	NS	ND(0.00670)
Tetrachloroethene		NS	0.082	ND(0.0060)	NS	0.028
Toluene		NS	ND(0.00590)	ND(0.00600)	NS	0.00400 J
Trichloroethene		NS	ND(0.0059)	0.0081	NS	0.020
Trichlorofluoromethane		NS	ND(0.0059)	ND(0.0060)	NS	ND(0.0067)
Xylenes (total)		NS	ND(0.0059)	ND(0.0060)	NS	ND(0.0067)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		NS	ND(0.470)	NS	0.99 J [1.7 J]	NS
1,2,4-Trichlorobenzene		NS	ND(0.470)	NS	3.90 [5.90]	NS
1,2-Dichlorobenzene		NS	ND(0.470)	NS	ND(0.440) [ND(0.460)]	NS
1,2-Diphenylhydrazine		NS	ND(0.47)	NS	ND(0.44) [ND(0.46)]	NS
1,3-Dichlorobenzene		NS	ND(0.470)	NS	ND(0.440) [ND(0.460)]	NS
1,3-Dinitrobenzene		NS	ND(0.790)	NS	ND(0.900) [ND(0.930)]	NS
1,4-Dichlorobenzene		NS	ND(0.470)	NS	0.280 J [0.370 J]	NS
2,4-Dimethylphenol		NS	ND(0.470)	NS	ND(0.440) [ND(0.460)]	NS
2-Chloronaphthalene		NS	ND(0.470)	NS	ND(0.440) [ND(0.460)]	NS
2-Chlorophenol		NS	ND(0.470)	NS	ND(0.440) [ND(0.460)]	NS
2-Methylnaphthalene		NS	ND(0.470)	NS	0.41 J [0.87 J]	NS
2-Methylphenol		NS	ND(0.470)	NS	ND(0.440) [0.160 J]	NS
2-Nitroaniline		NS	ND(2.40)	NS	ND(2.30) [ND(2.40)]	NS
3&4-Methylphenol		NS	ND(0.790)	NS	ND(0.900) [0.430 J]	NS
4-Chloroaniline		NS	ND(0.470)	NS	ND(0.440) [ND(0.460)]	NS
4-Chlorobenzilate		NS	ND(0.790)	NS	ND(0.900) [ND(0.930)]	NS
4-Phenylenediamine		NS	ND(0.79) J	NS	ND(0.90) J [ND(0.93) J]	NS
Acenaphthene		NS	ND(0.470)	NS	0.670 [0.840]	NS
Acenaphthylene		NS	ND(0.470)	NS	0.39 J [0.95 J]	NS
Acetophenone		NS	ND(0.470)	NS	ND(0.440) [ND(0.460)]	NS
Aniline		NS	ND(0.470)	NS	3.70 [4.40]	NS
Anthracene		NS	ND(0.470)	NS	1.60 [2.30]	NS
Benzo(a)anthracene		NS	0.240 J	NS	3.80 [5.80]	NS
Benzo(a)pyrene		NS	0.240 J	NS	3.30 [4.70]	NS
Benzo(b)fluoranthene		NS	0.230 J	NS	4.20 [4.90]	NS
Benzo(g,h,i)perylene		NS	ND(0.470)	NS	1.80 [2.70]	NS
Benzo(k)fluoranthene		NS	0.240 J	NS	1.40 [1.90]	NS
Benzyl Alcohol		NS	ND(0.95) J	NS	ND(0.900) [ND(0.930)]	NS
bis(2-Ethylhexyl)phthalate		NS	ND(0.390)	NS	0.30 J [7.0 J]	NS
Chrysene		NS	0.290 J	NS	4.20 [6.40]	NS
Dibenzo(a,h)anthracene		NS	ND(0.470)	NS	0.440 J [0.640]	NS
Dibenzofuran		NS	ND(0.470)	NS	0.300 J [0.360 J]	NS
Diethylphthalate		NS	ND(0.470)	NS	ND(0.440) [ND(0.460)]	NS
Dimethylphthalate		NS	ND(0.470)	NS	ND(0.440) [ND(0.460)]	NS
Di-n-Butylphthalate		NS	0.350 J	NS	ND(0.440) [ND(0.460)]	NS
Diphenylamine		NS	ND(0.47)	NS	ND(0.44) [ND(0.46)]	NS
Fluoranthene		NS	0.650	NS	8.80 [12.0]	NS
Fluorene		NS	ND(0.470)	NS	1.1 J [2.1 J]	NS
Hexachlorobenzene		NS	ND(0.470)	NS	0.18 J [0.44 J]	NS
Indeno(1,2,3-cd)pyrene		NS	ND(0.470)	NS	1.40 [2.10]	NS
Naphthalene		NS	ND(0.470)	NS	0.490 [0.580]	NS
Nitrobenzene		NS	ND(0.470)	NS	ND(0.440) [ND(0.460)]	NS
N-Nitrosodiphenylamine		NS	ND(0.470)	NS	ND(0.440) [ND(0.460)]	NS
o-Toluidine		NS	ND(0.470)	NS	ND(0.440) [ND(0.460)]	NS

TABLE 2
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PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-H17 1-6 06/14/02	4B RAA4-H21 0-1 06/04/02	4B RAA4-H27 0-1 04/24/02	4B RAA4-H27 1-6 10/18/02	4B RAA4-H27 4-6 10/18/02
Semivolatile Organics (continued)						
Pentachlorobenzene		NS	ND(0.470)	NS	4.3 J [9.2 J]	NS
Pentachlorophenol		NS	ND(2.40)	NS	ND(2.30) [ND(2.40)]	NS
Phenanthrene		NS	0.260 J	NS	10 J [17 J]	NS
Phenol		NS	ND(0.470)	NS	0.340 J [0.360 J]	NS
Pyrene		NS	0.49 J	NS	13.0 [20.0]	NS
Pyridine		NS	ND(0.470)	NS	ND(0.440) [ND(0.460)]	NS
Furans						
2,3,7,8-TCDF		0.0000043 Y	0.000027 Y	NS	0.0094 YEQIJ [0.0076 YEIJ]	NS
TCDFs (total)		0.000048 Q	0.00024 I	NS	0.050 QI [0.045 QI]	NS
1,2,3,7,8-PeCDF		0.0000022 J	0.000012	NS	0.0021 [0.0019]	NS
2,3,4,7,8-PeCDF		0.0000072	0.000030	NS	0.0063 [0.0060]	NS
PeCDFs (total)		0.000092 QI	0.00048 QI	NS	0.056 QI [0.053 QI]	NS
1,2,3,4,7,8-HxCDF		0.0000051	0.000025	NS	0.0050 [0.0048]	NS
1,2,3,6,7,8-HxCDF		0.0000040	0.000019	NS	0.0031 [0.0027]	NS
1,2,3,7,8,9-HxCDF		0.0000010 J	0.0000043	NS	0.00086 [0.00079]	NS
2,3,4,6,7,8-HxCDF		0.0000068	0.000046	NS	0.0054 [0.0056]	NS
HxCDFs (total)		0.000086	0.00061	NS	0.065 I [0.069]	NS
1,2,3,4,6,7,8-HpCDF		0.0000090	0.000060	NS	0.0071 [0.0075]	NS
1,2,3,4,7,8,9-HpCDF		0.0000015 J	0.0000074	NS	0.0017 [0.0016]	NS
HpCDFs (total)		0.000021	0.00014	NS	0.018 [0.019]	NS
OCDF		0.0000079	0.000054	NS	0.0048 [0.0064]	NS
Dioxins						
2,3,7,8-TCDD		ND(0.00000041)	0.00000084 J	NS	0.000052 [0.000056]	NS
TCDDs (total)		0.0000027	0.0000052	NS	0.00093 Q [0.00090]	NS
1,2,3,7,8-PeCDD		ND(0.00000071) X	ND(0.0000024) X	NS	ND(0.00034) X [ND(0.00038) X]	NS
PeCDDs (total)		0.0000060	0.0000072 Q	NS	0.0012 J [0.0026 J]	NS
1,2,3,4,7,8-HxCDD		0.00000046 J	0.0000012 J	NS	0.00047 [0.00056]	NS
1,2,3,6,7,8-HxCDD		0.00000072 J	0.0000025 J	NS	0.00050 [0.00062]	NS
1,2,3,7,8,9-HxCDD		0.00000082 J	0.0000021 J	NS	0.00037 [0.00047]	NS
HxCDDs (total)		0.000013	0.000029	NS	0.0065 [0.0077]	NS
1,2,3,4,6,7,8-HpCDD		0.0000094	0.000027	NS	0.0036 [0.0044]	NS
HpCDDs (total)		0.000022	0.000050	NS	0.0072 [0.0089]	NS
OCDD		0.00030	0.00015	NS	0.010 [0.012]	NS
Total TEQs (WHO TEFs)		0.0000068	0.000031	NS	0.0061 [0.0058]	NS
Inorganics						
Antimony		NS	1.20 J	NS	12.0 [16.0]	NS
Arsenic		NS	5.30 J	NS	14.0 [13.0]	NS
Barium		NS	46.0 J	NS	240 [200]	NS
Beryllium		NS	ND(0.500) J	NS	ND(0.500) [ND(0.500)]	NS
Cadmium		NS	0.610 J	NS	3.60 [4.50]	NS
Chromium		NS	12.0 J	NS	120 J [53 J]	NS
Cobalt		NS	9.00 J	NS	23.0 [14.0]	NS
Copper		NS	28.0	NS	3100 [5000]	NS
Cyanide		NS	0.130	NS	ND(0.270) [0.19 J]	NS
Lead		NS	23.0	NS	1600 [1900]	NS
Mercury		NS	1.10 J	NS	7.40 [6.50]	NS
Nickel		NS	15.0	NS	620 [490]	NS
Selenium		NS	0.640 J	NS	ND(1.00) [ND(1.00)]	NS
Silver		NS	ND(1.00)	NS	0.660 B [ND(1.00)]	NS
Sulfide		NS	9.50	NS	53.0 [78.0]	NS
Thallium		NS	ND(1.20)	NS	ND(2.0) J [ND(2.1) J]	NS
Tin		NS	ND(4.60)	NS	64.0 [77.0]	NS
Vanadium		NS	14.0	NS	3300 [2600]	NS
Zinc		NS	98.0 J	NS	1100 J [1100 J]	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-H29 0-1 05/22/02	4B RAA4-H31 1-6 06/20/02	4B RAA4-H31 4-6 06/20/02	4B RAA4-I19 6-15 06/07/02	4B RAA4-I19 13-15 06/07/02	4B RAA4-I21 0-1 04/22/02
Volatile Organics							
1,1,1-Trichloroethane		ND(0.0060)	NS	ND(0.0056)	NS	ND(0.0058)	ND(0.0059)
1,1-Dichloroethane		ND(0.0060)	NS	ND(0.0056)	NS	ND(0.0058)	ND(0.0059)
1,2-Dichloroethane		ND(0.0060)	NS	ND(0.0056)	NS	ND(0.0058)	ND(0.0059)
2-Butanone		ND(0.012)	NS	ND(0.011)	NS	ND(0.012)	ND(0.012)
2-Chloroethylvinylether		ND(0.0060)	NS	ND(0.0056)	NS	ND(0.0058)	ND(0.0059)
Acetone		0.012 J	NS	ND(0.022)	NS	0.024	ND(0.023)
Benzene		ND(0.00600)	NS	ND(0.00560)	NS	0.00350 J	ND(0.00590)
Carbon Disulfide		ND(0.0060)	NS	ND(0.0056)	NS	ND(0.0058)	ND(0.0059)
Chlorobenzene		ND(0.0060)	NS	ND(0.0056)	NS	3.5	ND(0.0059)
Ethylbenzene		ND(0.00600)	NS	ND(0.00560)	NS	0.0120	ND(0.00590)
Methylene Chloride		ND(0.0060)	NS	ND(0.0056)	NS	ND(0.0058)	ND(0.0059)
Styrene		ND(0.00600)	NS	ND(0.00560)	NS	ND(0.00580)	ND(0.00590)
Tetrachloroethene		ND(0.0060)	NS	ND(0.0056)	NS	ND(0.0058)	ND(0.0059)
Toluene		ND(0.00600)	NS	ND(0.00560)	NS	ND(0.00580)	ND(0.00590)
Trichloroethene		ND(0.0060)	NS	ND(0.0056)	NS	ND(0.0058)	ND(0.0059)
Trichlorofluoromethane		ND(0.0060)	NS	ND(0.0056)	NS	ND(0.0058)	ND(0.0059)
Xylenes (total)		ND(0.0060)	NS	ND(0.0056)	NS	0.11	ND(0.0059)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		0.240 J	ND(0.370)	NS	ND(0.370)	NS	ND(0.820)
1,2,4-Trichlorobenzene		0.780	ND(0.370)	NS	ND(0.370)	NS	ND(0.820)
1,2-Dichlorobenzene		ND(0.400)	ND(0.370)	NS	ND(0.370)	NS	ND(0.820)
1,2-Diphenylhydrazine		ND(0.40)	ND(0.37)	NS	ND(0.37)	NS	ND(0.82)
1,3-Dichlorobenzene		ND(0.400)	ND(0.370)	NS	ND(0.370)	NS	ND(0.820)
1,3-Dinitrobenzene		ND(0.800)	ND(0.740)	NS	ND(0.740)	NS	ND(0.820)
1,4-Dichlorobenzene		0.0860 J	ND(0.370)	NS	ND(0.370)	NS	ND(0.820)
2,4-Dimethylphenol		ND(0.400)	ND(0.370)	NS	ND(0.370)	NS	ND(0.820)
2-Chloronaphthalene		ND(0.400)	ND(0.370)	NS	ND(0.370)	NS	ND(0.820)
2-Chlorophenol		ND(0.400)	ND(0.370)	NS	ND(0.370)	NS	ND(0.820)
2-Methylnaphthalene		ND(0.400)	ND(0.370)	NS	1.70	NS	ND(0.820)
2-Methylphenol		ND(0.400)	ND(0.370)	NS	ND(0.370)	NS	ND(0.820)
2-Nitroaniline		ND(2.00)	ND(1.90)	NS	ND(1.90)	NS	ND(4.10)
3&4-Methylphenol		ND(0.800)	ND(0.740)	NS	ND(0.740)	NS	ND(0.820)
4-Chloroaniline		ND(0.400)	ND(0.370)	NS	ND(0.370)	NS	ND(0.820)
4-Chlorobenzilate		ND(0.800)	ND(0.740)	NS	ND(0.740)	NS	ND(0.820)
4-Phenylenediamine		ND(0.80) J	ND(0.74) J	NS	ND(0.74) J	NS	ND(0.82) J
Acenaphthene		ND(0.400)	ND(0.370)	NS	2.60	NS	ND(0.820)
Acenaphthylene		ND(0.400)	ND(0.370)	NS	ND(0.370)	NS	ND(0.820)
Acetophenone		ND(0.400)	ND(0.370)	NS	ND(0.370)	NS	ND(0.820)
Aniline		0.670	ND(0.370)	NS	ND(0.370)	NS	ND(0.820)
Anthracene		ND(0.400)	ND(0.370)	NS	1.50	NS	ND(0.820)
Benzo(a)anthracene		0.180 J	ND(0.370)	NS	0.660	NS	0.190 J
Benzo(a)pyrene		0.210 J	ND(0.370)	NS	0.500	NS	ND(0.820)
Benzo(b)fluoranthene		0.240 J	ND(0.360)	NS	0.220 J	NS	ND(0.820)
Benzo(g,h,i)perylene		0.230 J	ND(0.370)	NS	ND(0.370)	NS	ND(0.820)
Benzo(k)fluoranthene		0.150 J	ND(0.370)	NS	0.290 J	NS	ND(0.820)
Benzyl Alcohol		ND(0.800)	ND(0.740)	NS	ND(0.740)	NS	ND(1.60)
bis(2-Ethylhexyl)phthalate		6.70	ND(0.370)	NS	ND(0.360)	NS	ND(0.410)
Chrysene		0.160 J	ND(0.370)	NS	0.580	NS	0.220 J
Dibenzo(a,h)anthracene		ND(0.400)	ND(0.370)	NS	ND(0.370)	NS	ND(0.820)
Dibenzofuran		ND(0.400)	ND(0.370)	NS	ND(0.370)	NS	ND(0.820)
Diethylphthalate		ND(0.400)	ND(0.370)	NS	ND(0.370)	NS	ND(0.820)
Dimethylphthalate		ND(0.400)	ND(0.370)	NS	ND(0.370)	NS	ND(0.820)
Di-n-Butylphthalate		0.510	ND(0.370)	NS	ND(0.370)	NS	0.340 J
Diphenylamine		0.21 J	ND(0.37)	NS	ND(0.37)	NS	ND(0.82)
Fluoranthene		0.210 J	ND(0.370)	NS	1.90	NS	0.400 J
Fluorene		ND(0.400)	ND(0.370)	NS	1.40	NS	ND(0.820)
Hexachlorobenzene		0.170 J	ND(0.370)	NS	ND(0.370)	NS	ND(0.820)
Indeno(1,2,3-cd)pyrene		0.200 J	ND(0.370)	NS	ND(0.370)	NS	ND(0.820)
Naphthalene		ND(0.400)	ND(0.370)	NS	0.220 J	NS	ND(0.820)
Nitrobenzene		ND(0.400)	ND(0.370)	NS	ND(0.370)	NS	ND(0.820)
N-Nitrosodiphenylamine		ND(0.400)	ND(0.370)	NS	ND(0.370)	NS	ND(0.820)
o-Toluidine		ND(0.400)	ND(0.370)	NS	ND(0.370)	NS	ND(0.820)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	4B / RAA4-H29 / 0-1 / 05/22/02	4B / RAA4-H31 / 1-6 / 06/20/02	4B / RAA4-H31 / 4-6 / 06/20/02	4B / RAA4-I19 / 6-15 / 06/07/02	4B / RAA4-I19 / 13-15 / 06/07/02	4B / RAA4-I21 / 0-1 / 04/22/02
Semivolatile Organics (continued)						
Pentachlorobenzene	1.20	ND(0.370)	NS	ND(0.370)	NS	ND(0.820)
Pentachlorophenol	ND(2.00)	ND(1.90)	NS	ND(1.90)	NS	ND(4.10)
Phenanthrene	0.170 J	ND(0.370)	NS	3.90	NS	0.200 J
Phenol	0.700	ND(0.370)	NS	ND(0.370)	NS	ND(0.820)
Pyrene	0.260 J	ND(0.370)	NS	2.00	NS	0.500 J
Pyridine	ND(0.400)	ND(0.370)	NS	ND(0.370)	NS	ND(0.820)
Furans						
2,3,7,8-TCDF	0.00069	0.00000055 J	NS	NS	NS	0.000056 Y
TCDFs (total)	0.0064	0.0000026	NS	NS	NS	0.00054 QX
1,2,3,7,8-PeCDF	0.00063	0.00000020 J	NS	NS	NS	0.000022 J
2,3,4,7,8-PeCDF	0.0011	0.00000026 J	NS	NS	NS	0.000061 Q
PeCDFs (total)	0.0088	0.0000020	NS	NS	NS	0.0016 QX
1,2,3,4,7,8-HxCDF	0.0020	ND(0.00000033) X	NS	NS	NS	0.000064
1,2,3,6,7,8-HxCDF	0.00094	ND(0.00000021) X	NS	NS	NS	0.000060
1,2,3,7,8,9-HxCDF	0.00027	ND(0.00000023)	NS	NS	NS	ND(0.000010) X
2,3,4,6,7,8-HxCDF	0.00046	0.00000012 J	NS	NS	NS	0.00011
HxCDFs (total)	0.0077	0.00000076	NS	NS	NS	0.00087 X
1,2,3,4,6,7,8-HpCDF	0.0017	0.00000041 J	NS	NS	NS	0.00012
1,2,3,4,7,8,9-HpCDF	0.00054	ND(0.00000023)	NS	NS	NS	0.000013
HpCDFs (total)	0.0037	0.00000041	NS	NS	NS	0.00028
OCDF	0.0049	0.00000070 J	NS	NS	NS	0.000052
Dioxins						
2,3,7,8-TCDD	0.0000062	ND(0.00000016)	NS	NS	NS	ND(0.0000015) X
TCDDs (total)	0.000099	ND(0.00000016)	NS	NS	NS	0.0000039 Q
1,2,3,7,8-PeCDD	ND(0.000059) X	ND(0.00000023)	NS	NS	NS	0.0000027 J
PeCDDs (total)	0.00014	ND(0.00000023)	NS	NS	NS	0.0000027 Q
1,2,3,4,7,8-HxCDD	0.000013 J	ND(0.00000023)	NS	NS	NS	ND(0.0000020) X
1,2,3,6,7,8-HxCDD	0.000036	ND(0.00000023)	NS	NS	NS	0.0000048 J
1,2,3,7,8,9-HxCDD	0.000023 J	ND(0.00000023)	NS	NS	NS	ND(0.0000039) X
HxCDDs (total)	0.00034	ND(0.00000023)	NS	NS	NS	0.0000048
1,2,3,4,6,7,8-HpCDD	0.00071	ND(0.00000038) X	NS	NS	NS	0.000046
HpCDDs (total)	0.0013	0.00000027	NS	NS	NS	0.000092
OCDD	0.0049	0.0000022 J	NS	NS	NS	0.00027
Total TEQs (WHO TEFs)	0.0011	0.00000048	NS	NS	NS	0.000067
Inorganics						
Antimony	ND(6.00)	ND(6.00)	NS	NS	NS	6.70
Arsenic	9.40	7.70	NS	NS	NS	6.50
Barium	36.0	22.0	NS	NS	NS	40.0
Beryllium	ND(0.500)	ND(0.500)	NS	NS	NS	ND(0.500)
Cadmium	ND(0.500)	ND(0.500) J	NS	NS	NS	0.740
Chromium	33.0 J	6.40	NS	NS	NS	19.0
Cobalt	7.70	9.30	NS	NS	NS	9.00
Copper	190 J	24.0	NS	NS	NS	80.0
Cyanide	ND(0.120)	ND(0.110)	NS	NS	NS	0.120
Lead	180	7.70	NS	NS	NS	48.0
Mercury	11.0	ND(0.110)	NS	NS	NS	0.340 J
Nickel	31.0	15.0	NS	NS	NS	19.0
Selenium	0.590 B	ND(1.00) J	NS	NS	NS	ND(1.00)
Silver	ND(1.00)	ND(1.00)	NS	NS	NS	0.470 B
Sulfide	19.0 J	30.0	NS	NS	NS	21.0
Thallium	ND(1.80)	ND(1.70) J	NS	NS	NS	ND(1.20) J
Tin	20.0 J	ND(10.0)	NS	NS	NS	ND(10.0)
Vanadium	34.0	5.60	NS	NS	NS	13.0
Zinc	360	39.0	NS	NS	NS	260

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-I23 0-1 04/25/02	4B RAA4-I23 6-15 04/25/02	4B RAA4-I23 10-12 04/25/02	4B RAA4-I25 0-1 06/03/02
Volatile Organics					
1,1,1-Trichloroethane		ND(0.0057)	NS	ND(0.0063) [ND(0.0064)]	ND(0.0060)
1,1-Dichloroethane		ND(0.0057)	NS	ND(0.0063) [ND(0.0064)]	ND(0.0060)
1,2-Dichloroethane		ND(0.0057)	NS	ND(0.0063) [ND(0.0064)]	ND(0.0060)
2-Butanone		ND(0.011)	NS	0.052 [ND(0.013)]	ND(0.012)
2-Chloroethylvinylether		ND(0.0057) J	NS	ND(0.0063) J [ND(0.0064) J]	ND(0.0060)
Acetone		ND(0.023)	NS	0.13 [ND(0.026)]	0.015 J
Benzene		ND(0.00570)	NS	0.0160 [ND(0.00640)]	ND(0.00600)
Carbon Disulfide		ND(0.0057)	NS	0.0048 J [ND(0.0064)]	ND(0.0060)
Chlorobenzene		ND(0.0057)	NS	10 [ND(0.0064)]	ND(0.0060)
Ethylbenzene		ND(0.00570)	NS	0.0150 [ND(0.00640)]	ND(0.00600)
Methylene Chloride		ND(0.0057)	NS	ND(0.0063) [ND(0.0064)]	ND(0.0060)
Styrene		ND(0.00570)	NS	ND(0.00630) [ND(0.00640)]	ND(0.00600)
Tetrachloroethene		ND(0.0057)	NS	ND(0.0063) [ND(0.0064)]	ND(0.0060)
Toluene		ND(0.00570)	NS	ND(0.00630) [ND(0.00640)]	ND(0.00600)
Trichloroethene		ND(0.0057)	NS	ND(0.0063) [ND(0.0064)]	ND(0.0060)
Trichlorofluoromethane		ND(0.0057)	NS	ND(0.0063) [ND(0.0064)]	ND(0.0060)
Xylenes (total)		0.020	NS	0.043 [ND(0.0064)]	ND(0.0060)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		ND(0.490)	ND(4.20) [ND(7.30)]	NS	0.500 J
1,2,4-Trichlorobenzene		ND(0.490)	ND(4.20) [ND(7.30)]	NS	1.30
1,2-Dichlorobenzene		ND(0.490)	ND(4.20) [ND(7.30)]	NS	ND(0.960)
1,2-Diphenylhydrazine		ND(0.49)	ND(4.2) [ND(7.3)]	NS	ND(0.96)
1,3-Dichlorobenzene		ND(0.490)	ND(4.20) [ND(7.30)]	NS	ND(0.960)
1,3-Dinitrobenzene		ND(0.760)	ND(4.20) [ND(7.30)]	NS	ND(0.960)
1,4-Dichlorobenzene		ND(0.490)	ND(4.20) [ND(7.30)]	NS	ND(0.960)
2,4-Dimethylphenol		ND(0.490)	ND(4.20) [ND(7.30)]	NS	ND(0.960)
2-Chloronaphthalene		ND(0.490)	12.0 [21.0]	NS	0.310 J
2-Chlorophenol		ND(0.490)	ND(4.20) [ND(7.30)]	NS	ND(0.960)
2-Methylnaphthalene		ND(0.490)	ND(4.20) [ND(7.30)]	NS	ND(0.960)
2-Methylphenol		ND(0.490)	ND(4.20) [4.90 J]	NS	ND(0.960)
2-Nitroaniline		ND(2.40)	ND(21.0) [ND(36.0)]	NS	ND(4.80)
3&4-Methylphenol		ND(0.760)	ND(4.20) [ND(7.30)]	NS	ND(0.960)
4-Chloroaniline		ND(0.490)	ND(4.20) [ND(7.30)]	NS	ND(0.960)
4-Chlorobenzilate		ND(0.760)	ND(4.20) [ND(7.30)]	NS	ND(0.960)
4-Phenylenediamine		ND(0.76) J	ND(4.2) J [ND(7.3) J]	NS	0.96 J
Acenaphthene		ND(0.490)	2.10 J [2.80 J]	NS	ND(0.960)
Acenaphthylene		ND(0.490)	ND(4.20) [ND(7.30)]	NS	ND(0.960)
Acetophenone		ND(0.490)	ND(4.20) [2.00 J]	NS	ND(0.960)
Aniline		ND(0.490)	8.70 [13.0]	NS	11.0
Anthracene		0.120 J	0.880 J [ND(7.30)]	NS	ND(0.960)
Benzo(a)anthracene		0.610	ND(4.20) [1.60 J]	NS	ND(0.960)
Benzo(a)pyrene		0.640	ND(4.20) [ND(7.30)]	NS	ND(0.960)
Benzo(b)fluoranthene		0.490 J	ND(4.20) [ND(7.30)]	NS	ND(0.960)
Benzo(g,h,i)perylene		0.440 J	ND(4.20) [ND(7.30)]	NS	ND(0.960)
Benzo(k)fluoranthene		0.630	ND(4.20) [ND(7.30)]	NS	ND(0.960)
Benzyl Alcohol		ND(0.980)	ND(8.40) [ND(14.0)]	NS	1.9 J
bis(2-Ethylhexyl)phthalate		ND(0.370)	ND(2.10) [17.0]	NS	0.930
Chrysene		0.620	ND(4.20) [ND(7.30)]	NS	ND(0.960)
Dibenzo(a,h)anthracene		ND(0.490)	ND(4.20) [ND(7.30)]	NS	ND(0.960)
Dibenzofuran		ND(0.490)	ND(4.20) [ND(7.30)]	NS	ND(0.960)
Diethylphthalate		ND(0.490)	ND(4.20) [ND(7.30)]	NS	ND(0.960)
Dimethylphthalate		ND(0.490)	ND(4.20) [ND(7.30)]	NS	0.610 J
Di-n-Butylphthalate		0.620	ND(4.20) [ND(7.30)]	NS	1.80
Diphenylamine		ND(0.49)	6.3 [13]	NS	1.1
Fluoranthene		1.30	1.60 J [3.30 J]	NS	0.510 J
Fluorene		ND(0.490)	1.30 J [1.80 J]	NS	ND(0.960)
Hexachlorobenzene		ND(0.490)	ND(4.20) [ND(7.30)]	NS	ND(0.960)
Indeno(1,2,3-cd)pyrene		0.380 J	ND(4.20) [ND(7.30)]	NS	ND(0.960)
Naphthalene		ND(0.490)	ND(4.20) [1.60 J]	NS	ND(0.960)
Nitrobenzene		ND(0.490)	ND(4.20) [ND(7.30)]	NS	ND(0.960)
N-Nitrosodiphenylamine		ND(0.490)	ND(4.20) [ND(7.30)]	NS	1.60
o-Toluidine		ND(0.490)	ND(4.20) [ND(7.30)]	NS	ND(0.960)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B / RAA4-I23 / 0-1 / 04/25/02	4B / RAA4-I23 / 6-15 / 04/25/02	4B / RAA4-I23 / 10-12 / 04/25/02	4B / RAA4-I25 / 0-1 / 06/03/02
Semivolatile Organics (continued)					
Pentachlorobenzene		ND(0.490)	ND(4.20) [ND(7.30)]	NS	1.80
Pentachlorophenol		ND(2.40)	ND(21.0) [ND(36.0)]	NS	ND(4.80)
Phenanthrene		0.480 J	ND(4.20) [3.90 J]	NS	ND(0.960)
Phenol		ND(0.490)	12.0 [40.0]	NS	4.30
Pyrene		1.10	1.80 J [ND(7.30)]	NS	ND(0.960)
Pyridine		ND(0.490)	ND(4.20) [ND(7.30)]	NS	ND(0.960)
Furans					
2,3,7,8-TCDF		0.0010 Y	0.000046 Y [0.000057 Y]	NS	0.00010 Y
TCDFs (total)		0.013	0.00080 EJ [0.00094 EJ]	NS	0.00082 I
1,2,3,7,8-PeCDF		0.00052	ND(0.0000054) [ND(0.0000045)]	NS	0.00010
2,3,4,7,8-PeCDF		0.00062	ND(0.000034) X [0.000034]	NS	0.00014
PeCDFs (total)		0.0049EJ	0.00084 [0.00082]	NS	0.0015 I
1,2,3,4,7,8-HxCDF		0.00072	0.000099 [0.00011]	NS	0.00028
1,2,3,6,7,8-HxCDF		0.00032	0.000041 [0.000052]	NS	0.000096
1,2,3,7,8,9-HxCDF		ND(0.000062) X	ND(0.000044) X [ND(0.000064) X]	NS	0.000034
2,3,4,6,7,8-HxCDF		0.00033	0.000057 [0.000059]	NS	0.00013
HxCDFs (total)		0.0045	0.0011 [0.0012]	NS	0.0020 I
1,2,3,4,6,7,8-HpCDF		0.00045	0.00015 [0.00014]	NS	0.00033
1,2,3,4,7,8,9-HpCDF		0.000081	0.000032 [ND(0.000032) X]	NS	0.000094
HpCDFs (total)		0.00095	0.00035 [0.00030]	NS	0.00093
OCDF		0.00028	0.00023 [0.00020]	NS	0.0011
Dioxins					
2,3,7,8-TCDD		0.0000053	ND(0.0000042) [ND(0.0000033)]	NS	0.0000013
TCDDs (total)		0.000033	0.000019 [ND(0.000027) X]	NS	0.000016
1,2,3,7,8-PeCDD		ND(0.0000068) X	ND(0.0000075) [ND(0.0000058)]	NS	ND(0.000032) X
PeCDDs (total)		0.0000076	6.4e-006 [ND(0.000034) XJ]	NS	ND(0.0000021)
1,2,3,4,7,8-HxCDD		ND(0.0000039) X	ND(0.000015) [ND(0.000010)]	NS	0.0000050
1,2,3,6,7,8-HxCDD		0.0000095	ND(0.0000079) X [ND(0.000011)]	NS	0.000025
1,2,3,7,8,9-HxCDD		0.0000068	ND(0.000015) [ND(0.000010)]	NS	0.0000086
HxCDDs (total)		0.000024	0.000021 J [0.000039 J]	NS	0.00014
1,2,3,4,6,7,8-HpCDD		0.000074	0.000066 [0.000074]	NS	0.00027
HpCDDs (total)		0.00015	0.00013 [0.00015]	NS	0.00048
OCDD		0.00025	0.00049 [0.00059]	NS	0.0021
Total TEQs (WHO TEFs)		0.00059	0.000045 [0.000057]	NS	0.00017
Inorganics					
Antimony		1.60 J	1.50 J [1.70 J]	NS	ND(6.00)
Arsenic		8.20 J	3.80 J [7.90 J]	NS	19.0
Barium		57.0 J	36.0 J [44.0 J]	NS	44.0
Beryllium		ND(0.500)	ND(0.500) [0.180 B]	NS	ND(0.500)
Cadmium		0.620	0.840 [0.870]	NS	0.940
Chromium		15.0	78.0 [9.60]	NS	44.0
Cobalt		8.00	7.60 [ND(5.00)]	NS	8.10
Copper		58.0	58.0 [140]	NS	210
Cyanide		0.130 J	0.390 J [0.580 J]	NS	ND(0.240)
Lead		42.0 J	360 J [74.0 J]	NS	120
Mercury		0.220	19.0 [62.0]	NS	1.20
Nickel		16.0 J	27.0 J [14.0 J]	NS	46.0
Selenium		ND(1.00) J	ND(1.00) J [ND(1.00) J]	NS	0.700 B
Silver		0.830 B	42.0 [3.40]	NS	ND(1.00)
Sulfide		42.0	580 [400]	NS	15.0
Thallium		ND(1.10) J	ND(1.20) J [ND(1.30) J]	NS	ND(1.20)
Tin		ND(10.0)	ND(10.0) [ND(15.0)]	NS	13.0
Vanadium		10.0 J	8.70 J [8.40 J]	NS	24.0
Zinc		98.0 J	260 J [130 J]	NS	240

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B / RAA4-I25 / 8-10 / 06/03/02	4B / RAA4-K19 / 0-1 / 06/13/02	4B / RAA4-K19 / 6-15 / 06/13/02	4B / RAA4-K19 / 13-15 / 06/13/02	4B / RAA4-K21 / 1-6 / 06/03/02	4B / RAA4-K23 / 0-1 / 04/25/02
Volatile Organics							
1,1,1-Trichloroethane		ND(0.030)	ND(0.0056)	NS	ND(0.0061)	NS	ND(0.0054)
1,1-Dichloroethane		ND(0.030)	ND(0.0056)	NS	ND(0.0061)	NS	ND(0.0054)
1,2-Dichloroethane		ND(0.030)	ND(0.0056)	NS	ND(0.0061)	NS	ND(0.0054)
2-Butanone		ND(0.030)	ND(0.011)	NS	ND(0.012)	NS	ND(0.011)
2-Chloroethylvinylether		ND(0.030)	ND(0.0056)	NS	ND(0.0061)	NS	ND(0.0054) J
Acetone		0.094	ND(0.022) J	NS	0.060 J	NS	0.021 J
Benzene		0.340	ND(0.00560)	NS	ND(0.00610)	NS	ND(0.00540)
Carbon Disulfide		ND(0.030)	ND(0.0056)	NS	ND(0.0061)	NS	ND(0.0054)
Chlorobenzene		11	ND(0.0056)	NS	ND(0.0061)	NS	ND(0.0054) J
Ethylbenzene		0.0470	ND(0.00560)	NS	ND(0.00610)	NS	ND(0.00540)
Methylene Chloride		ND(0.030)	ND(0.0056)	NS	0.0041 J	NS	ND(0.0054)
Styrene		ND(0.0300)	ND(0.00560)	NS	ND(0.00610)	NS	ND(0.00540)
Tetrachloroethene		ND(0.030)	ND(0.0056)	NS	ND(0.0061)	NS	ND(0.0054)
Toluene		ND(0.0300)	ND(0.00560)	NS	0.0069 J	NS	ND(0.00540)
Trichloroethene		ND(0.030)	0.0050 J	NS	ND(0.0061)	NS	ND(0.0054)
Trichlorofluoromethane		ND(0.030)	ND(0.0056)	NS	ND(0.0061)	NS	ND(0.0054)
Xylenes (total)		15	ND(0.0056)	NS	ND(0.0061)	NS	ND(0.0054)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		NS	ND(0.370)	ND(0.410)	NS	NS	ND(0.500)
1,2,4-Trichlorobenzene		NS	0.170 J	ND(0.410)	NS	NS	0.140 J
1,2-Dichlorobenzene		NS	ND(0.370)	ND(0.410)	NS	NS	ND(0.500)
1,2-Diphenylhydrazine		NS	ND(0.37)	ND(0.41)	NS	NS	ND(0.50)
1,3-Dichlorobenzene		NS	ND(0.370)	ND(0.410)	NS	NS	ND(0.500)
1,3-Dinitrobenzene		NS	ND(0.750)	ND(0.820)	NS	NS	ND(0.720)
1,4-Dichlorobenzene		NS	ND(0.370)	ND(0.410)	NS	NS	ND(0.500)
2,4-Dimethylphenol		NS	ND(0.370)	ND(0.410)	NS	NS	ND(0.500)
2-Chloronaphthalene		NS	ND(0.370)	ND(0.410)	NS	NS	ND(0.500)
2-Chlorophenol		NS	ND(0.370)	ND(0.410)	NS	NS	ND(0.500)
2-Methylnaphthalene		NS	ND(0.370)	ND(0.410)	NS	NS	ND(0.500)
2-Methylphenol		NS	ND(0.370)	ND(0.410)	NS	NS	ND(0.500)
2-Nitroaniline		NS	ND(1.90)	ND(2.10)	NS	NS	ND(2.50)
3&4-Methylphenol		NS	ND(0.750)	ND(0.820)	NS	NS	ND(0.720)
4-Chloroaniline		NS	ND(0.370)	ND(0.410)	NS	NS	ND(0.500)
4-Chlorobenzilate		NS	0.440 J	ND(0.820)	NS	NS	ND(0.720)
4-Phenylenediamine		NS	ND(0.75) J	ND(0.82) J	NS	NS	ND(0.72) J
Acenaphthene		NS	ND(0.370)	ND(0.410)	NS	NS	ND(0.500)
Acenaphthylene		NS	ND(0.370)	ND(0.410)	NS	NS	ND(0.500)
Acetophenone		NS	ND(0.370)	ND(0.410)	NS	NS	ND(0.500)
Aniline		NS	2.90	ND(0.410)	NS	NS	0.440 J
Anthracene		NS	ND(0.370)	ND(0.410)	NS	NS	ND(0.500)
Benzo(a)anthracene		NS	0.110 J	ND(0.410)	NS	NS	ND(0.500)
Benzo(a)pyrene		NS	0.220 J	ND(0.410)	NS	NS	ND(0.500)
Benzo(b)fluoranthene		NS	0.290 J	ND(0.410)	NS	NS	0.160 J
Benzo(g,h,i)perylene		NS	0.240 J	ND(0.410)	NS	NS	ND(0.500)
Benzo(k)fluoranthene		NS	0.180 J	ND(0.410)	NS	NS	0.190 J
Benzyl Alcohol		NS	ND(0.750)	ND(0.820)	NS	NS	ND(1.00)
bis(2-Ethylhexyl)phthalate		NS	ND(0.370)	ND(0.400)	NS	NS	ND(0.360)
Chrysene		NS	0.250 J	ND(0.410)	NS	NS	0.210 J
Dibenzo(a,h)anthracene		NS	ND(0.370)	ND(0.410)	NS	NS	ND(0.500)
Dibenzofuran		NS	ND(0.370)	ND(0.410)	NS	NS	ND(0.500)
Diethylphthalate		NS	ND(0.370)	ND(0.410)	NS	NS	ND(0.500)
Dimethylphthalate		NS	ND(0.370)	ND(0.410)	NS	NS	ND(0.500)
Di-n-Butylphthalate		NS	ND(0.370)	ND(0.410)	NS	NS	ND(0.500)
Diphenylamine		NS	ND(0.37)	ND(0.41)	NS	NS	ND(0.50)
Fluoranthene		NS	0.170 J	ND(0.410)	NS	NS	0.340 J
Fluorene		NS	ND(0.370)	ND(0.410)	NS	NS	ND(0.500)
Hexachlorobenzene		NS	ND(0.370)	ND(0.410)	NS	NS	ND(0.500)
Indeno(1,2,3-cd)pyrene		NS	0.180 J	ND(0.410)	NS	NS	ND(0.500)
Naphthalene		NS	0.0980 J	ND(0.410)	NS	NS	ND(0.500)
Nitrobenzene		NS	ND(0.370)	ND(0.410)	NS	NS	ND(0.500)
N-Nitrosodiphenylamine		NS	ND(0.370)	ND(0.410)	NS	NS	ND(0.500)
o-Toluidine		NS	ND(0.370)	ND(0.410)	NS	NS	ND(0.500)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area	4B	4B	4B	4B	4B	4B
Sample ID:	RAA4-I25	RAA4-K19	RAA4-K19	RAA4-K19	RAA4-K21	RAA4-K23
Sample Depth(Feet):	8-10	0-1	6-15	13-15	1-6	0-1
Date Collected:	06/03/02	06/13/02	06/13/02	06/13/02	06/03/02	04/25/02
Semivolatile Organics (continued)						
Pentachlorobenzene	NS	ND(0.370)	ND(0.410)	NS	NS	ND(0.500)
Pentachlorophenol	NS	ND(1.90)	ND(2.10)	NS	NS	ND(2.50)
Phenanthrene	NS	0.170 J	ND(0.410)	NS	NS	0.290 J
Phenol	NS	0.0970 J	ND(0.410)	NS	NS	0.120 J
Pyrene	NS	0.560	ND(0.410)	NS	NS	0.280 J
Pyridine	NS	ND(0.370)	ND(0.410)	NS	NS	ND(0.500)
Furans						
2,3,7,8-TCDF	NS	0.00031 Y	0.0000013 Y	NS	0.010 YEIJ	0.000045 Y
TCDFs (total)	NS	0.0033 I	0.000021	NS	0.089 QI	0.0012 EJ
1,2,3,7,8-PeCDF	NS	0.00018	0.00000092 J	NS	0.0040	0.000022
2,3,4,7,8-PeCDF	NS	0.00044	0.0000018 J	NS	0.0095 EJ	0.000038
PeCDFs (total)	NS	0.0050 QI	0.000017	NS	0.10 QI	0.0022
1,2,3,4,7,8-HxCDF	NS	0.00038	0.0000016 J	NS	0.014 EJ	ND(0.000012) X
1,2,3,6,7,8-HxCDF	NS	0.00024 I	0.0000011 J	NS	0.0070	0.00014
1,2,3,7,8,9-HxCDF	NS	0.000063	0.00000025 J	NS	0.0016	ND(0.000038) X
2,3,4,6,7,8-HxCDF	NS	0.00035	0.00000098 J	NS	0.011 EJ	0.00011
HxCDFs (total)	NS	0.0049 I	0.000011	NS	0.17	0.0020
1,2,3,4,6,7,8-HpCDF	NS	0.00051	0.0000024 J	NS	0.019 EJ	0.00015
1,2,3,4,7,8,9-HpCDF	NS	0.000098	0.00000036 J	NS	0.0042	0.000014
HpCDFs (total)	NS	0.0010	0.0000035	NS	0.043	0.00038
OCDF	NS	0.00029	0.0000013 J	NS	0.027 EJ	0.000097
Dioxins						
2,3,7,8-TCDD	NS	0.0000052	ND(0.00000014)	NS	0.000070	ND(0.0000011) X
TCDDs (total)	NS	0.000089	0.00000014	NS	0.0012 Q	0.0000071
1,2,3,7,8-PeCDD	NS	ND(0.000038) X	ND(0.00000024) X	NS	ND(0.00036) X	ND(0.0000030) X
PeCDDs (total)	NS	0.00014	0.00000030	NS	0.0020 Q	0.0000037
1,2,3,4,7,8-HxCDD	NS	0.000018	0.00000011 J	NS	0.00070	0.0000024 J
1,2,3,6,7,8-HxCDD	NS	0.000033	0.00000019 J	NS	0.00053	0.0000055
1,2,3,7,8,9-HxCDD	NS	0.000028	0.00000015 J	NS	0.00039	0.0000051
HxCDDs (total)	NS	0.00028	0.00000045	NS	0.0070	0.000040
1,2,3,4,6,7,8-HpCDD	NS	0.00012	0.00000062 J	NS	0.0054	0.000055
HpCDDs (total)	NS	0.00023	0.0000012	NS	0.010	0.00013
OCDD	NS	0.00032	0.0000018 J	NS	0.017	0.00054
Total TEQs (WHO TEFs)	NS	0.00040	0.0000017	NS	0.010	0.000058
Inorganics						
Antimony	NS	11.0	ND(6.00)	NS	NS	1.20 J
Arsenic	NS	21.0	2.30	NS	NS	3.50 J
Barium	NS	220	30.0	NS	NS	33.0 J
Beryllium	NS	ND(0.500)	ND(0.500)	NS	NS	ND(0.500)
Cadmium	NS	5.20	ND(0.500)	NS	NS	1.10
Chromium	NS	36.0	7.80	NS	NS	70.0
Cobalt	NS	7.00	7.00	NS	NS	6.20
Copper	NS	1200	8.90	NS	NS	53.0
Cyanide	NS	ND(0.220)	ND(0.120)	NS	NS	0.150 J
Lead	NS	2000	6.40	NS	NS	370 J
Mercury	NS	6.00 J	ND(0.120) J	NS	NS	ND(0.110)
Nickel	NS	65.0	11.0	NS	NS	23.0 J
Selenium	NS	ND(1.00) J	ND(1.00) J	NS	NS	ND(1.00) J
Silver	NS	ND(1.00)	ND(1.00)	NS	NS	20.0
Sulfide	NS	230	59.0	NS	NS	140
Thallium	NS	2.50 J	1.10 J	NS	NS	ND(1.10) J
Tin	NS	100	ND(3.80)	NS	NS	ND(15.0)
Vanadium	NS	11.0	8.40	NS	NS	7.40 J
Zinc	NS	1400	40.0	NS	NS	240 J

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area:	4B	4B	4B	4B	4C	4C
Sample ID:	RAA4-K23	RAA4-K25	X-16	X-18	CRA-1	CRA-1
Sample Depth(Feet):	1-6	0-1	6-15	6-15	5-14	6-8
Date Collected:	04/25/02	06/03/02	01/31/01	02/01/01	01/17/01	01/17/01
Volatile Organics						
1,1,1-Trichloroethane	NS	ND(0.0053)	NS	NS	NS	ND(0.0064)
1,1-Dichloroethane	NS	ND(0.0053)	NS	NS	NS	ND(0.0064)
1,2-Dichloroethane	NS	ND(0.0053)	NS	NS	NS	ND(0.0064)
2-Butanone	NS	ND(0.010)	NS	NS	NS	ND(0.10)
2-Chloroethylvinylether	NS	ND(0.0053)	NS	NS	NS	ND(0.0064)
Acetone	NS	ND(0.021)	NS	NS	NS	ND(0.10)
Benzene	NS	ND(0.00530)	NS	NS	NS	ND(0.00640)
Carbon Disulfide	NS	ND(0.0053)	NS	NS	NS	ND(0.010)
Chlorobenzene	NS	ND(0.0053)	NS	NS	NS	ND(0.0064)
Ethylbenzene	NS	ND(0.00530)	NS	NS	NS	0.00370 J
Methylene Chloride	NS	ND(0.0053)	NS	NS	NS	ND(0.0064)
Styrene	NS	ND(0.00530)	NS	NS	NS	0.0100
Tetrachloroethene	NS	ND(0.0053)	NS	NS	NS	ND(0.0064)
Toluene	NS	ND(0.00530)	NS	NS	NS	0.0046 J
Trichloroethene	NS	ND(0.0053)	NS	NS	NS	ND(0.0064)
Trichlorofluoromethane	NS	ND(0.0053)	NS	NS	NS	ND(0.0064)
Xylenes (total)	NS	ND(0.0053)	NS	NS	NS	0.025
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NS	ND(0.810)	NS	NS	ND(0.43) J	NS
1,2,4-Trichlorobenzene	NS	ND(0.810)	NS	NS	ND(0.430)	NS
1,2-Dichlorobenzene	NS	ND(0.810)	NS	NS	ND(0.430)	NS
1,2-Diphenylhydrazine	NS	ND(0.81)	NS	NS	ND(0.43)	NS
1,3-Dichlorobenzene	NS	ND(0.810)	NS	NS	ND(0.430)	NS
1,3-Dinitrobenzene	NS	ND(0.810)	NS	NS	ND(2.20)	NS
1,4-Dichlorobenzene	NS	ND(0.810)	NS	NS	ND(0.430)	NS
2,4-Dimethylphenol	NS	ND(0.810)	NS	NS	ND(0.430)	NS
2-Chloronaphthalene	NS	ND(0.810)	NS	NS	ND(0.430)	NS
2-Chlorophenol	NS	ND(0.810)	NS	NS	ND(0.430)	NS
2-Methylnaphthalene	NS	ND(0.810)	NS	NS	ND(0.430)	NS
2-Methylphenol	NS	ND(0.810)	NS	NS	ND(0.430)	NS
2-Nitroaniline	NS	ND(4.10)	NS	NS	ND(2.20)	NS
3&4-Methylphenol	NS	ND(0.810)	NS	NS	ND(0.860)	NS
4-Chloroaniline	NS	ND(0.810)	NS	NS	ND(0.860)	NS
4-Chlorobenzilate	NS	ND(0.810)	NS	NS	ND(2.20)	NS
4-Phenylenediamine	NS	0.81 J	NS	NS	ND(2.20)	NS
Acenaphthene	NS	ND(0.810)	NS	NS	ND(0.430)	NS
Acenaphthylene	NS	ND(0.810)	NS	NS	ND(0.430)	NS
Acetophenone	NS	ND(0.810)	NS	NS	ND(0.430)	NS
Aniline	NS	ND(0.810)	NS	NS	ND(0.430)	NS
Anthracene	NS	ND(0.810)	NS	NS	ND(0.430)	NS
Benzo(a)anthracene	NS	ND(0.810)	NS	NS	ND(0.430)	NS
Benzo(a)pyrene	NS	ND(0.810)	NS	NS	ND(0.430)	NS
Benzo(b)fluoranthene	NS	ND(0.810)	NS	NS	ND(0.430)	NS
Benzo(g,h,i)perylene	NS	ND(0.810)	NS	NS	ND(0.43) J	NS
Benzo(k)fluoranthene	NS	ND(0.810)	NS	NS	ND(0.430)	NS
Benzyl Alcohol	NS	1.6 J	NS	NS	ND(0.860)	NS
bis(2-Ethylhexyl)phthalate	NS	ND(0.410)	NS	NS	ND(0.430)	NS
Chrysene	NS	ND(0.810)	NS	NS	ND(0.430)	NS
Dibenzo(a,h)anthracene	NS	ND(0.810)	NS	NS	ND(0.86) J	NS
Dibenzofuran	NS	ND(0.810)	NS	NS	ND(0.430)	NS
Diethylphthalate	NS	ND(0.810)	NS	NS	ND(0.430)	NS
Dimethylphthalate	NS	ND(0.810)	NS	NS	ND(0.430)	NS
Di-n-Butylphthalate	NS	ND(0.810)	NS	NS	ND(0.430)	NS
Diphenylamine	NS	ND(0.81)	NS	NS	ND(0.43)	NS
Fluoranthene	NS	0.540 J	NS	NS	ND(0.430)	NS
Fluorene	NS	ND(0.810)	NS	NS	ND(0.430)	NS
Hexachlorobenzene	NS	ND(0.810)	NS	NS	ND(0.430)	NS
Indeno(1,2,3-cd)pyrene	NS	ND(0.810)	NS	NS	ND(0.860)	NS
Naphthalene	NS	ND(0.810)	NS	NS	ND(0.430)	NS
Nitrobenzene	NS	ND(0.810)	NS	NS	ND(0.430)	NS
N-Nitrosodiphenylamine	NS	ND(0.810)	NS	NS	ND(0.430)	NS
o-Toluidine	NS	ND(0.810)	NS	NS	ND(0.430)	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B RAA4-K23 1-6 04/25/02	4B RAA4-K25 0-1 06/03/02	4B X-16 6-15 01/31/01	4B X-18 6-15 02/01/01	4C CRA-1 5-14 01/17/01	4C CRA-1 6-8 01/17/01
Semivolatile Organics (continued)							
Pentachlorobenzene		NS	ND(0.810)	NS	NS	ND(0.430)	NS
Pentachlorophenol		NS	ND(4.10)	NS	NS	ND(2.20)	NS
Phenanthrene		NS	ND(0.810)	NS	NS	ND(0.430)	NS
Phenol		NS	ND(0.810)	NS	NS	ND(0.430)	NS
Pyrene		NS	0.420 J	NS	NS	ND(0.430)	NS
Pyridine		NS	ND(0.810)	NS	NS	ND(0.430)	NS
Furans							
2,3,7,8-TCDF		0.00069 Y	0.000019 Y	ND(0.000015)	ND(0.00040)	ND(0.0000098)	NS
TCDFs (total)		0.012	0.00014	ND(0.000015)	ND(0.00040)	ND(0.0000098)	NS
1,2,3,7,8-PeCDF		0.00038	0.000010	ND(0.000012)	ND(0.0011)	ND(0.000014)	NS
2,3,4,7,8-PeCDF		0.00055	0.000027	ND(0.000012)	ND(0.0011)	ND(0.000013)	NS
PeCDFs (total)		0.013	0.00026 I	ND(0.000012)	ND(0.0011)	ND(0.000014)	NS
1,2,3,4,7,8-HxCDF		0.0024	0.000031	ND(0.000052)	0.00039 J	ND(0.000017)	NS
1,2,3,6,7,8-HxCDF		0.00093	0.000012	ND(0.000049)	ND(0.00043) X	ND(0.000016)	NS
1,2,3,7,8,9-HxCDF		ND(0.0010) X	0.0000047	ND(0.000057)	0.00066 J	ND(0.000019)	NS
2,3,4,6,7,8-HxCDF		0.00054	0.000022	ND(0.000053)	0.00042 J	ND(0.000017)	NS
HxCDFs (total)		0.012	0.00029	ND(0.000022)	0.0015	ND(0.000017)	NS
1,2,3,4,6,7,8-HpCDF		0.0025	0.000036	ND(0.000032)	0.00042 J	ND(0.0000096)	NS
1,2,3,4,7,8,9-HpCDF		0.00049	0.0000086	ND(0.000038)	0.00041 J	ND(0.000012)	NS
HpCDFs (total)		0.0051	0.000090	ND(0.000035)	0.00083	ND(0.000010)	NS
OCDF		0.0053	0.00011	ND(0.000030)	0.0016 J	ND(0.000021)	NS
Dioxins							
2,3,7,8-TCDD		0.00017 J	ND(0.00000026) X	ND(0.000017)	ND(0.00032)	ND(0.000019)	NS
TCDDs (total)		0.00017	0.00000082	ND(0.000017)	ND(0.00032)	ND(0.000019)	NS
1,2,3,7,8-PeCDD		0.000026	ND(0.0000080) X	ND(0.000017)	0.00049 J	ND(0.000020)	NS
PeCDDs (total)		0.000097	0.00000089	ND(0.000017)	0.00049	ND(0.000020)	NS
1,2,3,4,7,8-HxCDD		0.000041	0.00000048 J	ND(0.000033)	0.00041 J	ND(0.000013)	NS
1,2,3,6,7,8-HxCDD		0.000060	0.00000077 J	ND(0.000033)	0.00047 J	ND(0.000013)	NS
1,2,3,7,8,9-HxCDD		0.000059	0.00000065 J	ND(0.000030)	0.00052 J	ND(0.000019)	NS
HxCDDs (total)		0.00030	0.0000086	ND(0.000032)	0.0014	ND(0.000013)	NS
1,2,3,4,6,7,8-HpCDD		0.00058	0.0000059	ND(0.000042)	ND(0.00029)	ND(0.000016)	NS
HpCDDs (total)		0.0012	0.000013	ND(0.000042)	ND(0.00029)	ND(0.000016)	NS
OCDD		0.0023	0.000038	ND(0.000037)	ND(0.0014)	ND(0.000024)	NS
Total TEQs (WHO TEFs)		0.0010	0.000026	0.000037	0.0013	0.000029	NS
Inorganics							
Antimony		NS	ND(6.00)	NS	NS	ND(12.0) J	NS
Arsenic		NS	4.10	NS	NS	ND(19.0)	NS
Barium		NS	ND(20.0)	NS	NS	ND(38.0)	NS
Beryllium		NS	0.150 B	NS	NS	0.300	NS
Cadmium		NS	ND(0.500)	NS	NS	ND(1.90) J	NS
Chromium		NS	6.00	NS	NS	9.20	NS
Cobalt		NS	7.20	NS	NS	12.0	NS
Copper		NS	17.0	NS	NS	26.0	NS
Cyanide		NS	ND(0.210)	NS	NS	ND(1.00)	NS
Lead		NS	10.0	NS	NS	14.0 J	NS
Mercury		NS	0.120	NS	NS	ND(0.260)	NS
Nickel		NS	12.0	NS	NS	17.0	NS
Selenium		NS	ND(1.00)	NS	NS	ND(0.960) J	NS
Silver		NS	ND(1.00)	NS	NS	ND(0.960)	NS
Sulfide		NS	8.20	NS	NS	ND(6.40)	NS
Thallium		NS	ND(1.00)	NS	NS	ND(1.90) J	NS
Tin		NS	ND(10.0)	NS	NS	ND(58.0)	NS
Vanadium		NS	5.50	NS	NS	ND(9.60)	NS
Zinc		NS	35.0	NS	NS	56.0 J	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4C / CRA-2 / 2-4 / 01/17/01	4C / CRA-2 / 2-5 / 01/17/01	4C / CRA-3 / 0-2 / 04/27/01	4C / CRA-3 / 5-14 / 01/17/01
Volatile Organics					
1,1,1-Trichloroethane		ND(0.0071)	NS	NS	NS
1,1-Dichloroethane		ND(0.0071)	NS	NS	NS
1,2-Dichloroethane		ND(0.0071)	NS	NS	NS
2-Butanone		ND(0.10)	NS	NS	NS
2-Chloroethylvinylether		ND(0.0071)	NS	NS	NS
Acetone		ND(0.10)	NS	NS	NS
Benzene		ND(0.00710)	NS	NS	NS
Carbon Disulfide		ND(0.010)	NS	NS	NS
Chlorobenzene		ND(0.0071)	NS	NS	NS
Ethylbenzene		ND(0.00710)	NS	NS	NS
Methylene Chloride		ND(0.0071)	NS	NS	NS
Styrene		ND(0.00710)	NS	NS	NS
Tetrachloroethene		ND(0.0071)	NS	NS	NS
Toluene		ND(0.00710)	NS	NS	NS
Trichloroethene		ND(0.0071)	NS	NS	NS
Trichlorofluoromethane		ND(0.0071)	NS	NS	NS
Xylenes (total)		ND(0.0071)	NS	NS	NS
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		NS	ND(0.47) J	ND(0.440) [ND(0.420)]	ND(2.3) J [ND(2.1) J]
1,2,4-Trichlorobenzene		NS	ND(0.470)	ND(0.440) [ND(0.420)]	ND(2.30) [ND(2.1)]
1,2-Dichlorobenzene		NS	ND(0.470)	ND(0.440) [ND(0.420)]	ND(2.30) [ND(2.1)]
1,2-Diphenylhydrazine		NS	ND(0.47)	ND(0.44) [ND(0.42)]	ND(2.3) [ND(2.1)]
1,3-Dichlorobenzene		NS	ND(0.470)	ND(0.440) [ND(0.420)]	ND(2.30) [ND(2.1)]
1,3-Dinitrobenzene		NS	ND(2.40)	ND(2.20) [ND(2.10)]	ND(12.0) [ND(10)]
1,4-Dichlorobenzene		NS	ND(0.470)	ND(0.440) [ND(0.420)]	ND(2.30) [ND(2.1)]
2,4-Dimethylphenol		NS	ND(0.470)	ND(0.440) [ND(0.420)]	ND(2.30) [ND(2.1)]
2-Chloronaphthalene		NS	ND(0.470)	ND(0.440) [ND(0.420)]	ND(2.30) [ND(2.1)]
2-Chlorophenol		NS	ND(0.470)	ND(0.440) [ND(0.420)]	ND(2.30) [ND(2.1)]
2-Methylnaphthalene		NS	ND(0.470)	ND(0.440) [ND(0.420)]	290 [280]
2-Methylphenol		NS	ND(0.470)	ND(0.440) [ND(0.420)]	ND(2.30) [ND(2.1)]
2-Nitroaniline		NS	ND(2.40)	ND(2.20) [ND(2.10)]	ND(12.0) [ND(10)]
3&4-Methylphenol		NS	ND(0.950)	ND(0.870) [ND(0.840)]	ND(4.70) [ND(4.2)]
4-Chloroaniline		NS	ND(0.950)	ND(0.870) [ND(0.840)]	ND(4.70) [ND(4.2)]
4-Chlorobenzilate		NS	ND(2.40)	ND(2.20) [ND(2.10)]	ND(12.0) [ND(10)]
4-Phenylenediamine		NS	ND(2.40)	ND(2.20) [ND(2.10)]	ND(12.0) [ND(10)]
Acenaphthene		NS	ND(0.470)	ND(0.440) [0.630]	15.0 [16]
Acenaphthylene		NS	ND(0.470)	ND(0.440) [0.440]	43.0 [39]
Acetophenone		NS	ND(0.470)	ND(0.440) [ND(0.420)]	ND(2.30) [ND(2.1)]
Aniline		NS	ND(0.470)	ND(0.440) [ND(0.420)]	ND(2.30) [ND(2.1)]
Anthracene		NS	ND(0.470)	ND(0.440) [1.70]	38.0 [36]
Benzo(a)anthracene		NS	ND(0.470)	0.600 [3.00]	42.0 [38]
Benzo(a)pyrene		NS	ND(0.470)	0.600 [2.80]	49.0 [53]
Benzo(b)fluoranthene		NS	ND(0.470)	0.540 [2.10]	23.0 [24]
Benzo(g,h,i)perylene		NS	ND(0.47) J	ND(0.440) [1.90]	34 J [33 J]
Benzo(k)fluoranthene		NS	ND(0.470)	0.510 [1.90]	31.0 [27]
Benzyl Alcohol		NS	ND(0.950)	ND(0.870) [ND(0.840)]	ND(4.70) [ND(4.2)]
bis(2-Ethylhexyl)phthalate		NS	ND(0.470)	ND(0.440) [ND(0.420)]	ND(2.30) [ND(2.1)]
Chrysene		NS	ND(0.470)	0.540 [2.70]	39.0 [36]
Dibenzo(a,h)anthracene		NS	ND(0.95) J	ND(0.870) [ND(0.840)]	6.5 J [5.5 J]
Dibenzofuran		NS	ND(0.470)	ND(0.440) [ND(0.420)]	8.30 [8.0]
Diethylphthalate		NS	ND(0.470)	ND(0.440) [ND(0.420)]	ND(2.30) [ND(2.1)]
Dimethylphthalate		NS	ND(0.470)	ND(0.440) [ND(0.420)]	ND(2.30) [ND(2.1)]
Di-n-Butylphthalate		NS	ND(0.470)	ND(0.440) [ND(0.420)]	ND(2.30) [ND(2.1)]
Diphenylamine		NS	ND(0.47)	ND(0.44) [ND(0.42)]	ND(2.3) [ND(2.1)]
Fluoranthene		NS	ND(0.470)	1.20 [7.00]	37.0 [33]
Fluorene		NS	ND(0.470)	ND(0.440) [0.840]	47.0 [82]
Hexachlorobenzene		NS	ND(0.470)	ND(0.440) [ND(0.420)]	ND(2.30) [ND(2.1)]
Indeno(1,2,3-cd)pyrene		NS	ND(0.950)	ND(0.870) [2.10]	27.0 [27]
Naphthalene		NS	ND(0.470)	ND(0.440) [0.830]	430 [420]
Nitrobenzene		NS	ND(0.470)	ND(0.440) [ND(0.420)]	ND(2.30) [ND(2.1)]
N-Nitrosodiphenylamine		NS	ND(0.470)	ND(0.440) [ND(0.420)]	ND(2.30) [ND(2.1)]
o-Toluidine		NS	ND(0.470)	ND(0.440) [ND(0.420)]	ND(2.30) [ND(2.1)]

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4C / CRA-2 / 2-4 / 01/17/01	4C / CRA-2 / 2-5 / 01/17/01	4C / CRA-3 / 0-2 / 04/27/01	4C / CRA-3 / 5-14 / 01/17/01
Semivolatile Organics (continued)					
Pentachlorobenzene		NS	ND(0.470)	ND(0.440) [ND(0.420)]	ND(2.30) [ND(2.1)]
Pentachlorophenol		NS	ND(2.40)	ND(2.20) [ND(2.10)]	ND(12.0) [ND(10)]
Phenanthrene		NS	ND(0.470)	0.640 [7.50]	230 [230]
Phenol		NS	ND(0.470)	ND(0.440) [ND(0.420)]	ND(2.30) [ND(2.1)]
Pyrene		NS	ND(0.470)	0.880 [5.20]	200 [210]
Pyridine		NS	ND(0.470)	ND(0.440) [ND(0.420)]	ND(2.30) [ND(2.1)]
Furans					
2,3,7,8-TCDF		NS	ND(0.000014)	NS	ND(0.000018) [ND(0.000038)]
TCDFs (total)		NS	ND(0.000014)	NS	ND(0.000018) [ND(0.000038)]
1,2,3,7,8-PeCDF		NS	ND(0.000014)	NS	ND(0.000032) [ND(0.000099)]
2,3,4,7,8-PeCDF		NS	ND(0.000014)	NS	ND(0.000032) [ND(0.000098)]
PeCDFs (total)		NS	ND(0.000014)	NS	ND(0.000032) [ND(0.000099)]
1,2,3,4,7,8-HxCDF		NS	ND(0.000017)	NS	ND(0.000014) [ND(0.000047)]
1,2,3,6,7,8-HxCDF		NS	ND(0.000020)	NS	ND(0.000017) [ND(0.000044)]
1,2,3,7,8,9-HxCDF		NS	ND(0.000016)	NS	ND(0.000015) [ND(0.000052)]
2,3,4,6,7,8-HxCDF		NS	ND(0.000014)	NS	ND(0.000014) [ND(0.000048)]
HxCDFs (total)		NS	ND(0.000014)	NS	ND(0.000014) [ND(0.000047)]
1,2,3,4,6,7,8-HpCDF		NS	ND(0.000014)	NS	ND(0.000017) [ND(0.000021)]
1,2,3,4,7,8,9-HpCDF		NS	ND(0.000017)	NS	ND(0.000020) [ND(0.000025)]
HpCDFs (total)		NS	ND(0.000016)	NS	ND(0.000018) [ND(0.000023)]
OCDF		NS	ND(0.000024)	NS	ND(0.000034) [ND(0.000039)]
Dioxins					
2,3,7,8-TCDD		NS	ND(0.000012)	NS	ND(0.000017) [ND(0.000031)]
TCDDs (total)		NS	ND(0.000012)	NS	ND(0.000017) [ND(0.000031)]
1,2,3,7,8-PeCDD		NS	ND(0.000022)	NS	ND(0.000018) [ND(0.000063)]
PeCDDs (total)		NS	ND(0.000022)	NS	ND(0.000018) [ND(0.000063)]
1,2,3,4,7,8-HxCDD		NS	ND(0.000014)	NS	ND(0.000014) [ND(0.000036)]
1,2,3,6,7,8-HxCDD		NS	ND(0.000014)	NS	ND(0.000014) [ND(0.000036)]
1,2,3,7,8,9-HxCDD		NS	ND(0.000013)	NS	0.000024 J [ND(0.000033)]
HxCDDs (total)		NS	ND(0.000014)	NS	0.000024 [ND(0.000035)]
1,2,3,4,6,7,8-HpCDD		NS	ND(0.000025)	NS	ND(0.000022) [ND(0.000030)]
HpCDDs (total)		NS	ND(0.000025)	NS	ND(0.000022) [ND(0.000030)]
OCDD		NS	ND(0.000039)	NS	ND(0.000044) [ND(0.000050)]
Total TEQs (WHO TEFs)		NS	0.000027	NS	0.000034 [0.000091]
Inorganics					
Antimony		NS	ND(13.0) J	NS	ND(13.0) J [ND(11.0) J]
Arsenic		NS	ND(21.0)	NS	ND(21.0) [ND(19.0)]
Barium		NS	ND(43.0)	NS	49.0 [48.0]
Beryllium		NS	0.260	NS	0.420 [0.340]
Cadmium		NS	ND(2.10) J	NS	ND(2.10) J [ND(1.90) J]
Chromium		NS	12.0	NS	13.0 [12.0]
Cobalt		NS	15.0	NS	12.0 [9.60]
Copper		NS	39.0	NS	28.0 [21.0]
Cyanide		NS	ND(1.00)	NS	ND(1.00) [ND(1.00)]
Lead		NS	12.0 J	NS	24.0 J [23.0 J]
Mercury		NS	ND(0.280)	NS	ND(0.280) [ND(0.250)]
Nickel		NS	26.0	NS	24.0 [22.0]
Selenium		NS	ND(1.10) J	NS	ND(1.10) J [ND(0.950)]
Silver		NS	ND(1.10)	NS	ND(1.10) [ND(0.950)]
Sulfide		NS	ND(7.10)	NS	73.0 [71.0]
Thallium		NS	ND(2.10) J	NS	ND(2.10) J [ND(1.90)]
Tin		NS	ND(64.0)	NS	ND(64.0) [ND(57.0)]
Vanadium		NS	ND(11.0)	NS	ND(11.0) [9.60]
Zinc		NS	63.0 J	NS	98.0 J [82.0 J]

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

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

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4C CRA-3 10-12 01/17/01	4C CRA-5 0-2 01/18/01	4C CRA-6 2-5 01/18/01	4C CRA-6 4-5 01/18/01	4C CRA-7 0-2 01/18/01
Volatile Organics						
1,1,1-Trichloroethane		ND(0.036) [ND(0.032)]	ND(0.0074)	NS	ND(0.0073)	ND(0.0072)
1,1-Dichloroethane		ND(0.036) [ND(0.032)]	ND(0.0074)	NS	ND(0.0073)	ND(0.0072)
1,2-Dichloroethane		ND(0.036) [ND(0.032)]	ND(0.0074)	NS	ND(0.0073)	ND(0.0072)
2-Butanone		ND(0.10) [ND(0.10)]	ND(0.10)	NS	ND(0.10)	ND(0.10)
2-Chloroethylvinylether		ND(0.036) [ND(0.032)]	ND(0.0074)	NS	ND(0.0073)	ND(0.0072)
Acetone		ND(0.10) [ND(0.10)]	ND(0.10)	NS	ND(0.10)	ND(0.10)
Benzene		1.80 [1.80]	ND(0.00740)	NS	ND(0.00730)	ND(0.00720)
Carbon Disulfide		ND(0.036) [ND(0.032)]	ND(0.010)	NS	ND(0.010)	ND(0.010)
Chlorobenzene		ND(0.036) [ND(0.032)]	ND(0.0074)	NS	ND(0.0073)	ND(0.0072)
Ethylbenzene		70.0 [62.0]	ND(0.00740)	NS	ND(0.00730)	ND(0.00720)
Methylene Chloride		ND(0.036) [ND(0.032)]	ND(0.0074)	NS	ND(0.0073)	ND(0.0072)
Styrene		140 [160]	ND(0.00740)	NS	ND(0.00730)	ND(0.00720)
Tetrachloroethene		ND(0.036) [ND(0.032)]	ND(0.0074)	NS	ND(0.0073)	ND(0.0072)
Toluene		60.0 [56.0]	ND(0.00740)	NS	ND(0.00730)	ND(0.00720)
Trichloroethene		ND(0.036) [ND(0.032)]	ND(0.0074)	NS	ND(0.0073)	ND(0.0072)
Trichlorofluoromethane		ND(0.036) [ND(0.032)]	ND(0.0074)	NS	ND(0.0073)	ND(0.0072)
Xylenes (total)		240 [250]	ND(0.0074)	NS	ND(0.0073)	ND(0.014)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
1,2,4-Trichlorobenzene		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
1,2-Dichlorobenzene		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
1,2-Diphenylhydrazine		NS	ND(0.54)	ND(0.51)	NS	ND(0.48)
1,3-Dichlorobenzene		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
1,3-Dinitrobenzene		NS	ND(2.70)	ND(2.60)	NS	ND(2.40)
1,4-Dichlorobenzene		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
2,4-Dimethylphenol		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
2-Chloronaphthalene		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
2-Chlorophenol		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
2-Methylnaphthalene		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
2-Methylphenol		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
2-Nitroaniline		NS	ND(2.70)	ND(2.60)	NS	ND(2.40)
3&4-Methylphenol		NS	ND(1.10)	ND(1.00)	NS	ND(0.970)
4-Chloroaniline		NS	ND(1.1) J	ND(1.0) J	NS	ND(0.97) J
4-Chlorobenzilate		NS	ND(2.70)	ND(2.60)	NS	ND(2.40)
4-Phenylenediamine		NS	ND(2.70)	ND(2.60)	NS	ND(2.40)
Acenaphthene		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
Acenaphthylene		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
Acetophenone		NS	ND(0.54) J	ND(0.51) J	NS	ND(0.48) J
Aniline		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
Anthracene		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
Benzo(a)anthracene		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
Benzo(a)pyrene		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
Benzo(b)fluoranthene		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
Benzo(g,h,i)perylene		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
Benzo(k)fluoranthene		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
Benzyl Alcohol		NS	ND(1.10)	ND(1.00)	NS	ND(0.970)
bis(2-Ethylhexyl)phthalate		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
Chrysene		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
Dibenzo(a,h)anthracene		NS	ND(1.10)	ND(1.00)	NS	ND(0.970)
Dibenzofuran		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
Diethylphthalate		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
Dimethylphthalate		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
Di-n-Butylphthalate		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
Diphenylamine		NS	ND(0.54)	ND(0.51)	NS	ND(0.48)
Fluoranthene		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
Fluorene		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
Hexachlorobenzene		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
Indeno(1,2,3-cd)pyrene		NS	ND(1.10)	ND(1.00)	NS	ND(0.970)
Naphthalene		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
Nitrobenzene		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
N-Nitrosodiphenylamine		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
o-Toluidine		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4C / CRA-3 / 10-12 / 01/17/01	4C / CRA-5 / 0-2 / 01/18/01	4C / CRA-6 / 2-5 / 01/18/01	4C / CRA-6 / 4-5 / 01/18/01	4C / CRA-7 / 0-2 / 01/18/01
Semivolatile Organics (continued)						
Pentachlorobenzene		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
Pentachlorophenol		NS	ND(2.70)	ND(2.60)	NS	ND(2.40)
Phenanthrene		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
Phenol		NS	ND(0.540)	ND(0.510)	NS	ND(0.480)
Pyrene		NS	0.320 J	ND(0.510)	NS	ND(0.480)
Pyridine		NS	ND(0.54) J	ND(0.51) J	NS	ND(0.48) J
Furans						
2,3,7,8-TCDF		NS	0.000011	ND(0.000026)	NS	ND(0.00000068)
TCDFs (total)		NS	0.000099	ND(0.000026)	NS	0.0000056
1,2,3,7,8-PeCDF		NS	0.0000026	ND(0.000031)	NS	ND(0.00000023)
2,3,4,7,8-PeCDF		NS	0.0000035	ND(0.000031)	NS	0.00000052 J
PeCDFs (total)		NS	0.000048	ND(0.000031)	NS	0.0000050
1,2,3,4,7,8-HxCDF		NS	0.0000025	ND(0.000021)	NS	0.00000025 J
1,2,3,6,7,8-HxCDF		NS	0.0000018 J	ND(0.000020)	NS	0.00000024 J
1,2,3,7,8,9-HxCDF		NS	ND(0.00000031)	ND(0.000023)	NS	ND(0.000000070)
2,3,4,6,7,8-HxCDF		NS	0.0000028	ND(0.000021)	NS	0.00000042 J
HxCDFs (total)		NS	0.000038	ND(0.000021)	NS	0.0000048
1,2,3,4,6,7,8-HpCDF		NS	0.0000079	ND(0.000023)	NS	0.00000095 J
1,2,3,4,7,8,9-HpCDF		NS	0.00000089 J	ND(0.000028)	NS	0.00000014 J
HpCDFs (total)		NS	0.000022	ND(0.000025)	NS	0.0000026
OCDF		NS	0.000018	ND(0.000048)	NS	ND(0.0000022)
Dioxins						
2,3,7,8-TCDD		NS	ND(0.00000023) X	ND(0.000026)	NS	ND(0.000000065)
TCDDs (total)		NS	0.0000011	ND(0.000029)	NS	0.00000018
1,2,3,7,8-PeCDD		NS	ND(0.00000027) X	ND(0.000037)	NS	ND(0.000000098) X
PeCDDs (total)		NS	0.0000020	ND(0.000037)	NS	0.00000015
1,2,3,4,7,8-HxCDD		NS	0.00000023 J	ND(0.000027)	NS	ND(0.000000061)
1,2,3,6,7,8-HxCDD		NS	0.00000068 J	ND(0.000026)	NS	ND(0.00000015) X
1,2,3,7,8,9-HxCDD		NS	0.00000039 J	ND(0.000024)	NS	ND(0.00000012) X
HxCDDs (total)		NS	0.0000053	ND(0.000026)	NS	0.00000026
1,2,3,4,6,7,8-HpCDD		NS	0.000012	ND(0.000035)	NS	0.0000022 J
HpCDDs (total)		NS	0.000023	ND(0.000035)	NS	0.0000044
OCDD		NS	0.000082	ND(0.000060)	NS	0.000016
Total TEQs (WHO TEFs)		NS	0.0000043	0.000050	NS	0.00000053
Inorganics						
Antimony		NS	ND(15.0)	ND(15.0)	NS	ND(14.0)
Arsenic		NS	ND(22.0)	ND(22.0)	NS	16.0
Barium		NS	47.0	ND(44.0)	NS	39.0
Beryllium		NS	ND(1.50)	ND(1.50)	NS	ND(1.40)
Cadmium		NS	ND(2.20)	ND(2.20)	NS	ND(2.20)
Chromium		NS	12.0	9.60	NS	15.0
Cobalt		NS	ND(15.0)	15.0	NS	26.0
Copper		NS	41.0	41.0	NS	110
Cyanide		NS	ND(1.00)	ND(1.00)	NS	ND(1.00)
Lead		NS	ND(30.0)	ND(29.0)	NS	36.0
Mercury		NS	ND(0.300)	ND(0.290)	NS	ND(0.290)
Nickel		NS	25.0	24.0	NS	35.0
Selenium		NS	ND(1.50)	ND(1.50)	NS	ND(1.40)
Silver		NS	ND(3.00)	ND(2.90)	NS	ND(2.90)
Sulfide		NS	12.0	ND(7.30)	NS	ND(7.20)
Thallium		NS	ND(3.00)	ND(2.90)	NS	ND(2.90)
Tin		NS	ND(11.0)	ND(11.0)	NS	ND(11.0)
Vanadium		NS	ND(15.0)	ND(15.0)	NS	ND(14.0)
Zinc		NS	99.0	53.0	NS	170

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4C	4C	4C	4C	4C	4C
	Sample ID:	CRA-7	CRA-8	CRA-8	CRA-9	CRA-9	CRA-10
	Sample Depth(Feet):	0-2	2-4	2-5	5-14	12-14	2-5
Parameter	Date Collected:	01/03/02	01/22/01	01/22/01	01/22/01	01/22/01	01/22/01
Volatile Organics							
1,1,1-Trichloroethane		NS	ND(0.0061)	NS	NS	ND(0.0064)	NS
1,1-Dichloroethane		NS	ND(0.0061)	NS	NS	ND(0.0064)	NS
1,2-Dichloroethane		NS	ND(0.0061)	NS	NS	ND(0.0064)	NS
2-Butanone		NS	ND(0.10)	NS	NS	ND(0.10)	NS
2-Chloroethylvinylether		NS	ND(0.0061)	NS	NS	ND(0.0064)	NS
Acetone		NS	ND(0.10)	NS	NS	ND(0.10)	NS
Benzene		NS	ND(0.00610)	NS	NS	ND(0.00640)	NS
Carbon Disulfide		NS	ND(0.010)	NS	NS	ND(0.010)	NS
Chlorobenzene		NS	ND(0.0061)	NS	NS	ND(0.0064)	NS
Ethylbenzene		NS	ND(0.00610)	NS	NS	ND(0.00640)	NS
Methylene Chloride		NS	ND(0.0061)	NS	NS	ND(0.0064)	NS
Styrene		NS	ND(0.00610)	NS	NS	ND(0.00640)	NS
Tetrachloroethene		NS	ND(0.0061)	NS	NS	ND(0.0064)	NS
Toluene		NS	ND(0.00610)	NS	NS	ND(0.00640)	NS
Trichloroethene		NS	ND(0.0061)	NS	NS	ND(0.0064)	NS
Trichlorofluoromethane		NS	ND(0.0061)	NS	NS	ND(0.0064)	NS
Xylenes (total)		NS	ND(0.0061)	NS	NS	ND(0.0064)	NS
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
1,2,4-Trichlorobenzene		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
1,2-Dichlorobenzene		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
1,2-Diphenylhydrazine		ND(0.42)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)
1,3-Dichlorobenzene		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
1,3-Dinitrobenzene		ND(0.850)	NS	ND(2.10)	ND(2.20)	NS	ND(2.30)
1,4-Dichlorobenzene		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
2,4-Dimethylphenol		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
2-Chloronaphthalene		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
2-Chlorophenol		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
2-Methylnaphthalene		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
2-Methylphenol		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
2-Nitroaniline		ND(2.20)	NS	ND(2.10)	ND(2.20)	NS	ND(2.30)
3&4-Methylphenol		NS	NS	ND(0.810)	ND(0.850)	NS	ND(0.900)
4-Chloroaniline		NS	NS	ND(0.810)	ND(0.850)	NS	ND(0.900)
4-Chlorobenzilate		ND(0.850)	NS	ND(2.10)	ND(2.20)	NS	ND(2.30)
4-Phenylenediamine		NS	NS	ND(2.10)	ND(2.20)	NS	ND(2.30)
Acenaphthene		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
Acenaphthylene		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
Acetophenone		ND(0.420)	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
Aniline		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
Anthracene		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
Benzo(a)anthracene		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
Benzo(a)pyrene		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
Benzo(b)fluoranthene		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
Benzo(g,h,i)perylene		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
Benzo(k)fluoranthene		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
Benzyl Alcohol		NS	NS	ND(0.810)	ND(0.850)	NS	ND(0.900)
bis(2-Ethylhexyl)phthalate		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
Chrysene		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
Dibenzo(a,h)anthracene		NS	NS	ND(0.810)	ND(0.850)	NS	ND(0.900)
Dibenzofuran		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
Diethylphthalate		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
Dimethylphthalate		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
Di-n-Butylphthalate		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
Diphenylamine		NS	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)
Fluoranthene		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
Fluorene		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
Hexachlorobenzene		ND(0.420)	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
Indeno(1,2,3-cd)pyrene		NS	NS	ND(0.810)	ND(0.850)	NS	ND(0.900)
Naphthalene		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
Nitrobenzene		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
N-Nitrosodiphenylamine		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
o-Toluidine		ND(0.420)	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4C	4C	4C	4C	4C	4C
	Sample ID:	CRA-7	CRA-8	CRA-8	CRA-9	CRA-9	CRA-10
	Sample Depth(Feet):	0-2	2-4	2-5	5-14	12-14	2-5
Parameter	Date Collected:	01/03/02	01/22/01	01/22/01	01/22/01	01/22/01	01/22/01
Semivolatile Organics (continued)							
Pentachlorobenzene		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
Pentachlorophenol		ND(2.20)	NS	ND(2.10)	ND(2.20)	NS	ND(2.30)
Phenanthrene		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
Phenol		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
Pyrene		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
Pyridine		NS	NS	ND(0.400)	ND(0.420)	NS	ND(0.440)
Furans							
2,3,7,8-TCDF		NS	NS	ND(0.0000093)	ND(0.000011)	NS	ND(0.000011)
TCDFs (total)		NS	NS	ND(0.0000093)	ND(0.000011)	NS	ND(0.000011)
1,2,3,7,8-PeCDF		NS	NS	ND(0.0000099)	ND(0.000013)	NS	ND(0.000015)
2,3,4,7,8-PeCDF		NS	NS	ND(0.0000098)	ND(0.000013)	NS	ND(0.000015)
PeCDFs (total)		NS	NS	ND(0.0000099)	ND(0.000013)	NS	ND(0.000015)
1,2,3,4,7,8-HxCDF		NS	NS	ND(0.0000080)	ND(0.0000091)	NS	ND(0.0000084)
1,2,3,6,7,8-HxCDF		NS	NS	ND(0.0000075)	ND(0.0000084)	NS	ND(0.0000078)
1,2,3,7,8,9-HxCDF		NS	NS	ND(0.0000088)	ND(0.000010)	NS	ND(0.0000092)
2,3,4,6,7,8-HxCDF		NS	NS	ND(0.0000081)	ND(0.0000092)	NS	ND(0.0000085)
HxCDFs (total)		NS	NS	ND(0.0000081)	ND(0.0000091)	NS	ND(0.0000084)
1,2,3,4,6,7,8-HpCDF		NS	NS	ND(0.0000086)	ND(0.0000094)	NS	ND(0.0000097)
1,2,3,4,7,8,9-HpCDF		NS	NS	ND(0.000010)	ND(0.000011)	NS	ND(0.000012)
HpCDFs (total)		NS	NS	ND(0.0000094)	ND(0.000010)	NS	ND(0.000011)
OCDF		NS	NS	ND(0.000024)	ND(0.000028)	NS	ND(0.000027)
Dioxins							
2,3,7,8-TCDD		NS	NS	ND(0.000012)	ND(0.000018)	NS	ND(0.000014)
TCDDs (total)		NS	NS	ND(0.000012)	ND(0.000018)	NS	ND(0.000014)
1,2,3,7,8-PeCDD		NS	NS	ND(0.000014)	ND(0.000016)	NS	ND(0.000015)
PeCDDs (total)		NS	NS	ND(0.000014)	ND(0.000016)	NS	ND(0.000015)
1,2,3,4,7,8-HxCDD		NS	NS	ND(0.000010)	ND(0.000011)	NS	ND(0.000014)
1,2,3,6,7,8-HxCDD		NS	NS	ND(0.0000099)	ND(0.000011)	NS	ND(0.000013)
1,2,3,7,8,9-HxCDD		NS	NS	ND(0.0000091)	ND(0.000010)	NS	ND(0.000012)
HxCDDs (total)		NS	NS	ND(0.0000097)	ND(0.000011)	NS	ND(0.000013)
1,2,3,4,6,7,8-HpCDD		NS	NS	ND(0.000015)	ND(0.000018)	NS	ND(0.000019)
HpCDDs (total)		NS	NS	ND(0.000015)	ND(0.000018)	NS	ND(0.000019)
OCDD		NS	NS	ND(0.000037)	ND(0.000036)	NS	ND(0.000035)
Total TEQs (WHO TEFs)		NS	NS	0.000019	0.000025	NS	0.000023
Inorganics							
Antimony		NS	NS	ND(11.0)	ND(11.0)	NS	ND(12.0) J
Arsenic		NS	NS	ND(18.0)	ND(19.0)	NS	ND(20.0)
Barium		NS	NS	ND(36.0)	ND(38.0)	NS	ND(40.0)
Beryllium		NS	NS	0.180	0.320	NS	0.270
Cadmium		NS	NS	ND(1.80)	ND(1.90)	NS	ND(2.00)
Chromium		NS	NS	9.60	10.0	NS	7.80
Cobalt		NS	NS	13.0	11.0	NS	14.0
Copper		NS	NS	42.0	23.0	NS	28.0
Cyanide		NS	NS	ND(1.00)	ND(1.00)	NS	ND(1.00)
Lead		NS	NS	15.0	10.0	NS	18.0 J
Mercury		NS	NS	ND(0.240)	ND(0.250)	NS	ND(0.270)
Nickel		NS	NS	23.0	20.0	NS	18.0
Selenium		NS	NS	ND(0.910)	ND(0.950)	NS	ND(1.00) J
Silver		NS	NS	ND(0.910)	ND(0.950)	NS	ND(1.00)
Sulfide		NS	NS	9.50	8.10	NS	8.40
Thallium		NS	NS	ND(1.80)	ND(1.90)	NS	ND(2.00)
Tin		NS	NS	ND(54.0)	ND(57.0)	NS	ND(60.0)
Vanadium		NS	NS	ND(9.10)	ND(9.50)	NS	ND(10.0)
Zinc		NS	NS	61.0	58.0	NS	53.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4C	4C	4C	4C	4C	4C
	Sample ID:	CRA-10	CRA-11	CRA-12	CRA-13	CRA-13	CRA-14
	Sample Depth(Feet):	4-5	0-2	0-2	5-14	10-12	0-2
Parameter	Date Collected:	01/22/01	01/23/01	01/23/01	01/23/01	01/23/01	01/19/01
Volatile Organics							
1,1,1-Trichloroethane		ND(0.0067)	ND(0.0070)	ND(0.0069)	NS	ND(0.0082)	ND(0.0064)
1,1-Dichloroethane		ND(0.0067)	ND(0.0070)	ND(0.0069)	NS	ND(0.0082)	ND(0.0064)
1,2-Dichloroethane		ND(0.0067)	ND(0.0070)	ND(0.0069)	NS	ND(0.0082)	ND(0.0064)
2-Butanone		ND(0.10)	ND(0.10)	ND(0.10)	NS	ND(0.10)	ND(0.10)
2-Chloroethylvinylether		ND(0.0067)	ND(0.0070)	ND(0.0069)	NS	ND(0.0082)	ND(0.0064)
Acetone		ND(0.10)	ND(0.10)	ND(0.10)	NS	ND(0.10)	ND(0.10)
Benzene		ND(0.00670)	ND(0.00700)	ND(0.00690)	NS	ND(0.00820)	ND(0.00640)
Carbon Disulfide		ND(0.010)	ND(0.010)	ND(0.010)	NS	ND(0.010)	ND(0.010)
Chlorobenzene		ND(0.0067)	ND(0.0070)	ND(0.0069)	NS	ND(0.0082)	ND(0.0064)
Ethylbenzene		ND(0.00670)	ND(0.00700)	ND(0.00690)	NS	ND(0.00820)	ND(0.00640)
Methylene Chloride		ND(0.0067)	ND(0.0070)	ND(0.0069)	NS	ND(0.0082)	ND(0.0064)
Styrene		ND(0.00670)	ND(0.00700)	ND(0.00690)	NS	ND(0.00820)	ND(0.00640)
Tetrachloroethene		ND(0.0067)	ND(0.0070)	ND(0.0069)	NS	ND(0.0082)	ND(0.0064)
Toluene		ND(0.00670)	ND(0.00700)	ND(0.00690)	NS	ND(0.00820)	ND(0.00640)
Trichloroethene		ND(0.0067)	ND(0.0070)	ND(0.0069)	NS	ND(0.0082)	ND(0.0064)
Trichlorofluoromethane		ND(0.0067)	ND(0.0070)	ND(0.0069)	NS	ND(0.0082)	ND(0.0064)
Xylenes (total)		ND(0.0067)	ND(0.0070)	ND(0.014)	NS	ND(0.0082)	ND(0.013)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		NS	ND(0.470)	ND(0.460)	ND(0.540)	NS	ND(2.10)
1,2,4-Trichlorobenzene		NS	ND(0.470)	ND(0.460)	ND(0.540)	NS	ND(2.10)
1,2-Dichlorobenzene		NS	ND(0.470)	ND(0.460)	ND(0.540)	NS	ND(2.10)
1,2-Diphenylhydrazine		NS	ND(0.47)	ND(0.46)	ND(0.54)	NS	ND(2.1)
1,3-Dichlorobenzene		NS	ND(0.470)	ND(0.460)	ND(0.540)	NS	ND(2.10)
1,3-Dinitrobenzene		NS	ND(2.4) J	ND(2.3) J	ND(2.80)	NS	ND(10.0)
1,4-Dichlorobenzene		NS	ND(0.470)	ND(0.460)	ND(0.540)	NS	ND(2.10)
2,4-Dimethylphenol		NS	ND(0.470)	ND(0.460)	ND(0.540)	NS	ND(2.10)
2-Chloronaphthalene		NS	ND(0.470)	ND(0.460)	ND(0.540)	NS	ND(2.10)
2-Chlorophenol		NS	ND(0.470)	ND(0.460)	ND(0.540)	NS	ND(2.10)
2-Methylnaphthalene		NS	ND(0.470)	ND(0.460)	ND(0.540)	NS	ND(2.10)
2-Methylphenol		NS	ND(0.470)	ND(0.460)	ND(0.540)	NS	ND(2.10)
2-Nitroaniline		NS	ND(2.40)	ND(2.30)	ND(2.8) J	NS	ND(10.0)
3&4-Methylphenol		NS	ND(0.940)	ND(0.920)	ND(1.10)	NS	ND(4.10)
4-Chloroaniline		NS	ND(0.940)	ND(0.920)	ND(1.10)	NS	ND(4.10)
4-Chlorobenzilate		NS	ND(2.40)	ND(2.30)	ND(2.80)	NS	ND(10.0)
4-Phenylenediamine		NS	ND(2.40)	ND(2.30)	ND(2.80)	NS	ND(10.0)
Acenaphthene		NS	ND(0.470)	ND(0.460)	ND(0.540)	NS	ND(2.10)
Acenaphthylene		NS	ND(0.470)	ND(0.460)	ND(0.540)	NS	ND(2.10)
Acetophenone		NS	ND(0.470)	ND(0.460)	ND(0.540)	NS	ND(2.10)
Aniline		NS	ND(0.470)	ND(0.460)	ND(0.540)	NS	ND(2.10)
Anthracene		NS	0.100 J	ND(0.460)	ND(0.540)	NS	ND(2.10)
Benzo(a)anthracene		NS	0.560	ND(0.460)	ND(0.540)	NS	ND(2.10)
Benzo(a)pyrene		NS	0.490	ND(0.460)	ND(0.540)	NS	ND(2.10)
Benzo(b)fluoranthene		NS	0.600	ND(0.460)	ND(0.530)	NS	ND(2.10)
Benzo(g,h,i)perylene		NS	0.180 J	ND(0.460)	ND(0.540)	NS	ND(2.10)
Benzo(k)fluoranthene		NS	0.890	ND(0.460)	ND(0.540)	NS	ND(2.10)
Benzyl Alcohol		NS	ND(0.940)	ND(0.920)	ND(1.10)	NS	ND(4.10)
bis(2-Ethylhexyl)phthalate		NS	ND(0.470)	ND(0.460)	ND(0.540)	NS	ND(2.10)
Chrysene		NS	1.10	ND(0.460)	ND(0.540)	NS	ND(2.10)
Dibenzo(a,h)anthracene		NS	ND(0.940)	ND(0.920)	ND(1.10)	NS	ND(4.10)
Dibenzofuran		NS	ND(0.470)	ND(0.460)	ND(0.540)	NS	ND(2.10)
Diethylphthalate		NS	ND(0.470)	ND(0.460)	ND(0.540)	NS	ND(2.10)
Dimethylphthalate		NS	ND(0.470)	ND(0.460)	ND(0.540)	NS	ND(2.10)
Di-n-Butylphthalate		NS	ND(0.470)	ND(0.460)	ND(0.540)	NS	ND(2.10)
Diphenylamine		NS	ND(0.47)	ND(0.46)	ND(0.54)	NS	ND(2.1)
Fluoranthene		NS	2.30	ND(0.460)	ND(0.540)	NS	ND(2.10)
Fluorene		NS	ND(0.470)	ND(0.460)	ND(0.540)	NS	ND(2.10)
Hexachlorobenzene		NS	ND(0.470)	ND(0.460)	ND(0.540)	NS	ND(2.10)
Indeno(1,2,3-cd)pyrene		NS	0.200 J	ND(0.920)	ND(1.10)	NS	ND(4.10)
Naphthalene		NS	ND(0.470)	ND(0.460)	ND(0.540)	NS	ND(2.10)
Nitrobenzene		NS	ND(0.470)	ND(0.460)	ND(0.540)	NS	ND(2.10)
N-Nitrosodiphenylamine		NS	ND(0.470)	ND(0.460)	ND(0.540)	NS	ND(2.10)
o-Toluidine		NS	ND(0.470)	ND(0.460)	ND(0.540)	NS	ND(2.10)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	4C / CRA-10 / 4-5 / 01/22/01	4C / CRA-11 / 0-2 / 01/23/01	4C / CRA-12 / 0-2 / 01/23/01	4C / CRA-13 / 5-14 / 01/23/01	4C / CRA-13 / 10-12 / 01/23/01	4C / CRA-14 / 0-2 / 01/19/01
Semivolatile Organics (continued)						
Pentachlorobenzene	NS	ND(0.470)	ND(0.460)	ND(0.540)	NS	ND(2.10)
Pentachlorophenol	NS	ND(2.40)	ND(2.30)	ND(2.80)	NS	ND(10.0)
Phenanthrene	NS	0.670	ND(0.460)	ND(0.540)	NS	ND(2.10)
Phenol	NS	ND(0.470)	ND(0.460)	ND(0.540)	NS	ND(2.10)
Pyrene	NS	1.90	ND(0.460)	ND(0.540)	NS	ND(2.10)
Pyridine	NS	ND(0.47) J	ND(0.45) J	ND(0.540)	NS	ND(2.10)
Furans						
2,3,7,8-TCDF	NS	0.000012	0.0000020	ND(0.000012)	NS	0.0000055
TCDFs (total)	NS	0.000099 I	0.000014	ND(0.000012)	NS	0.000046
1,2,3,7,8-PeCDF	NS	0.0000033	0.00000064 J	ND(0.000017)	NS	0.0000017 J
2,3,4,7,8-PeCDF	NS	0.000010	0.0000022 J	ND(0.000017)	NS	0.0000028
PeCDFs (total)	NS	0.00012 I	0.000028	ND(0.000017)	NS	0.000032
1,2,3,4,7,8-HxCDF	NS	0.0000042	0.0000011 J	ND(0.0000093)	NS	0.0000019 J
1,2,3,6,7,8-HxCDF	NS	0.0000037	0.00000098 J	ND(0.0000086)	NS	0.0000013 J
1,2,3,7,8,9-HxCDF	NS	ND(0.0000018)	ND(0.00000027)	ND(0.000010)	NS	0.00000036 J
2,3,4,6,7,8-HxCDF	NS	0.000010	0.0000023	ND(0.0000094)	NS	0.0000022 J
HxCDFs (total)	NS	0.00013	0.000031	ND(0.0000093)	NS	0.000029
1,2,3,4,6,7,8-HpCDF	NS	0.000015	0.0000038	ND(0.000012)	NS	0.0000041
1,2,3,4,7,8,9-HpCDF	NS	0.0000015 J	0.00000039 J	ND(0.000014)	NS	0.00000061 J
HpCDFs (total)	NS	0.000037	0.0000081	ND(0.000013)	NS	0.0000092
OCDF	NS	0.000013	0.0000037 J	ND(0.000029)	NS	0.0000036 J
Dioxins						
2,3,7,8-TCDD	NS	ND(0.00000021) X	ND(0.00000013) X	ND(0.000021)	NS	ND(0.00000016) X
TCDDs (total)	NS	0.0000012 I	ND(0.00000029)	ND(0.000021)	NS	0.00000042
1,2,3,7,8-PeCDD	NS	ND(0.0000020) X	ND(0.0000036) X	ND(0.000018)	NS	ND(0.0000011) X
PeCDDs (total)	NS	0.0000026	ND(0.00000054)	ND(0.000018)	NS	0.00000047 I
1,2,3,4,7,8-HxCDD	NS	0.00000036 J	ND(0.000000087)	ND(0.000013)	NS	ND(0.00000017)
1,2,3,6,7,8-HxCDD	NS	0.00000077 J	0.00000034 J	ND(0.000013)	NS	ND(0.00000026) X
1,2,3,7,8,9-HxCDD	NS	0.00000053 J	0.00000016 J	ND(0.000012)	NS	ND(0.00000016)
HxCDDs (total)	NS	0.0000078	0.00000051	ND(0.000012)	NS	0.0000011
1,2,3,4,6,7,8-HpCDD	NS	0.000011	0.0000021 J	ND(0.000021)	NS	0.0000023
HpCDDs (total)	NS	0.000023	0.0000042	ND(0.000021)	NS	0.0000023
OCDD	NS	0.000069	ND(0.000016)	ND(0.000036)	NS	0.000013
Total TEQs (WHO TEFs)	NS	0.0000098	0.0000038	0.000029	NS	0.0000033
Inorganics						
Antimony	NS	ND(13.0) J	ND(12.0) J	ND(15.0) J	NS	ND(11.0)
Arsenic	NS	ND(21.0)	ND(15.0)	ND(24.0)	NS	ND(15.0)
Barium	NS	ND(42.0)	31.0	ND(49.0)	NS	46.0
Beryllium	NS	0.340	0.350	0.590	NS	0.230
Cadmium	NS	ND(2.10)	ND(2.10)	ND(2.40)	NS	ND(1.90)
Chromium	NS	10.0	12.0	11.0	NS	29.0
Cobalt	NS	14.0	14.0	13.0	NS	11.0
Copper	NS	47.0	58.0	34.0	NS	46.0
Cyanide	NS	ND(1.00)	ND(1.00)	ND(1.00)	NS	4.80
Lead	NS	64.0	21.0	16.0	NS	26.0
Mercury	NS	ND(0.280)	ND(0.280)	ND(0.330)	NS	ND(0.260)
Nickel	NS	25.0	25.0	21.0	NS	25.0
Selenium	NS	ND(1.00)	ND(1.00)	ND(1.20)	NS	ND(0.960)
Silver	NS	ND(1.00)	ND(1.00)	ND(1.20)	NS	ND(0.960)
Sulfide	NS	9.00	13.0	ND(8.20)	NS	16.0
Thallium	NS	ND(2.10) J	ND(2.10) J	ND(2.40) J	NS	ND(1.90)
Tin	NS	ND(64.0)	ND(62.0)	ND(74.0)	NS	ND(57.0)
Vanadium	NS	ND(10.0)	11.0	ND(12.0)	NS	23.0
Zinc	NS	52.0	57.0	61.0	NS	67.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4C / CRA-14 / 0-2 / 01/03/02	4C / CRA-15 / 5-14 / 01/19/01	4C / CRA-15 / 6-8 / 01/19/01	4C / CRA-16 / 0-2 / 01/19/01	4C / CRA-17 / 5-14 / 01/19/01	4C / CRA-17 / 12-14 / 01/19/01
Volatile Organics							
1,1,1-Trichloroethane		NS	NS	ND(0.0074)	ND(0.0067)	NS	ND(0.0064)
1,1-Dichloroethane		NS	NS	ND(0.0074)	ND(0.0067)	NS	ND(0.0064)
1,2-Dichloroethane		NS	NS	ND(0.0074)	ND(0.0067)	NS	ND(0.0064)
2-Butanone		NS	NS	ND(0.10)	ND(0.10)	NS	ND(0.10)
2-Chloroethylvinylether		NS	NS	ND(0.0074)	ND(0.0067)	NS	ND(0.0064)
Acetone		NS	NS	ND(0.10)	ND(0.10)	NS	ND(0.10)
Benzene		NS	NS	ND(0.00740)	ND(0.00670)	NS	ND(0.00640)
Carbon Disulfide		NS	NS	ND(0.010)	ND(0.010)	NS	ND(0.010)
Chlorobenzene		NS	NS	ND(0.0074)	ND(0.0067)	NS	ND(0.0064)
Ethylbenzene		NS	NS	ND(0.00740)	ND(0.00670)	NS	ND(0.00640)
Methylene Chloride		NS	NS	ND(0.0074)	ND(0.0067)	NS	ND(0.0064)
Styrene		NS	NS	ND(0.00740)	ND(0.00670)	NS	ND(0.00640)
Tetrachloroethene		NS	NS	ND(0.0074)	ND(0.0067)	NS	ND(0.0064)
Toluene		NS	NS	ND(0.00740)	ND(0.00670)	NS	ND(0.00640)
Trichloroethene		NS	NS	ND(0.0074)	ND(0.0067)	NS	ND(0.0064)
Trichlorofluoromethane		NS	NS	ND(0.0074)	ND(0.0067)	NS	ND(0.0064)
Xylenes (total)		NS	NS	ND(0.0074)	ND(0.013)	NS	ND(0.0064)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		NS	ND(0.500)	NS	ND(0.440)	ND(0.500)	NS
1,2,4-Trichlorobenzene		NS	ND(0.500)	NS	ND(0.440)	ND(0.500)	NS
1,2-Dichlorobenzene		NS	ND(0.500)	NS	ND(0.440)	ND(0.500)	NS
1,2-Diphenylhydrazine		ND(0.37)	ND(0.50)	NS	ND(0.44)	ND(0.50)	NS
1,3-Dichlorobenzene		NS	ND(0.500)	NS	ND(0.440)	ND(0.500)	NS
1,3-Dinitrobenzene		ND(0.750)	ND(2.50)	NS	ND(2.30)	ND(2.50)	NS
1,4-Dichlorobenzene		NS	ND(0.500)	NS	ND(0.440)	ND(0.500)	NS
2,4-Dimethylphenol		NS	ND(0.500)	NS	ND(0.440)	ND(0.500)	NS
2-Chloronaphthalene		NS	ND(0.500)	NS	ND(0.440)	ND(0.500)	NS
2-Chlorophenol		NS	ND(0.500)	NS	ND(0.440)	ND(0.500)	NS
2-Methylnaphthalene		NS	ND(0.500)	NS	ND(0.440)	ND(0.500)	NS
2-Methylphenol		NS	ND(0.500)	NS	ND(0.440)	ND(0.500)	NS
2-Nitroaniline		ND(1.90)	ND(2.50)	NS	ND(2.30)	ND(2.50)	NS
3&4-Methylphenol		NS	ND(1.00)	NS	ND(0.900)	ND(1.00)	NS
4-Chloroaniline		NS	ND(1.00)	NS	ND(0.90) J	ND(1.0) J	NS
4-Chlorobenzilate		ND(0.750)	ND(2.50)	NS	ND(2.30)	ND(2.50)	NS
4-Phenylenediamine		NS	ND(2.50)	NS	ND(2.30)	ND(2.50)	NS
Acenaphthene		NS	ND(0.500)	NS	ND(0.440)	ND(0.500)	NS
Acenaphthylene		NS	ND(0.500)	NS	ND(0.440)	ND(0.500)	NS
Acetophenone		0.160 J	ND(0.500)	NS	ND(0.44) J	ND(0.50) J	NS
Aniline		NS	ND(0.500)	NS	ND(0.440)	ND(0.500)	NS
Anthracene		NS	ND(0.500)	NS	ND(0.440)	ND(0.500)	NS
Benzo(a)anthracene		NS	ND(0.500)	NS	0.330 J	ND(0.500)	NS
Benzo(a)pyrene		NS	ND(0.500)	NS	0.350 J	ND(0.500)	NS
Benzo(b)fluoranthene		NS	ND(0.500)	NS	0.230 J	ND(0.500)	NS
Benzo(g,h,i)perylene		NS	ND(0.500)	NS	ND(0.440)	ND(0.500)	NS
Benzo(k)fluoranthene		NS	ND(0.500)	NS	0.450	ND(0.500)	NS
Benzyl Alcohol		NS	ND(1.00)	NS	ND(0.900)	ND(1.00)	NS
bis(2-Ethylhexyl)phthalate		NS	ND(0.500)	NS	ND(0.440)	ND(0.500)	NS
Chrysene		NS	ND(0.500)	NS	0.430 J	ND(0.500)	NS
Dibenzo(a,h)anthracene		NS	ND(1.00)	NS	ND(0.900)	ND(1.00)	NS
Dibenzofuran		NS	ND(0.500)	NS	ND(0.440)	ND(0.500)	NS
Diethylphthalate		NS	ND(0.500)	NS	ND(0.440)	ND(0.500)	NS
Dimethylphthalate		NS	ND(0.500)	NS	ND(0.440)	ND(0.500)	NS
Di-n-Butylphthalate		NS	ND(0.500)	NS	ND(0.440)	ND(0.500)	NS
Diphenylamine		NS	ND(0.50)	NS	ND(0.44)	ND(0.50)	NS
Fluoranthene		NS	ND(0.500)	NS	0.660	ND(0.500)	NS
Fluorene		NS	ND(0.500)	NS	ND(0.440)	ND(0.500)	NS
Hexachlorobenzene		ND(0.370)	ND(0.500)	NS	ND(0.440)	ND(0.500)	NS
Indeno(1,2,3-cd)pyrene		NS	ND(1.00)	NS	ND(0.900)	ND(1.00)	NS
Naphthalene		NS	ND(0.500)	NS	ND(0.440)	ND(0.500)	NS
Nitrobenzene		NS	ND(0.500)	NS	ND(0.440)	ND(0.500)	NS
N-Nitrosodiphenylamine		NS	ND(0.500)	NS	ND(0.440)	ND(0.500)	NS
o-Toluidine		ND(0.370)	ND(0.500)	NS	ND(0.440)	ND(0.500)	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4C / CRA-14 / 0-2 / 01/03/02	4C / CRA-15 / 5-14 / 01/19/01	4C / CRA-15 / 6-8 / 01/19/01	4C / CRA-16 / 0-2 / 01/19/01	4C / CRA-17 / 5-14 / 01/19/01	4C / CRA-17 / 12-14 / 01/19/01
Semivolatile Organics (continued)							
Pentachlorobenzene		NS	ND(0.500)	NS	ND(0.440)	ND(0.500)	NS
Pentachlorophenol		ND(1.90)	ND(2.50)	NS	ND(2.30)	ND(2.50)	NS
Phenanthrene		NS	ND(0.500)	NS	0.490	ND(0.500)	NS
Phenol		NS	ND(0.500)	NS	ND(0.440)	ND(0.500)	NS
Pyrene		NS	ND(0.500)	NS	1.10	ND(0.500)	NS
Pyridine		NS	ND(0.500)	NS	ND(0.44) J	ND(0.50) J	NS
Furans							
2,3,7,8-TCDF		NS	ND(0.000016)	NS	0.000014	ND(0.000018)	NS
TCDFs (total)		NS	ND(0.000016)	NS	0.00013 I	ND(0.000018)	NS
1,2,3,7,8-PeCDF		NS	ND(0.000020)	NS	0.0000041	ND(0.000066)	NS
2,3,4,7,8-PeCDF		NS	ND(0.000020)	NS	0.0000054	ND(0.000065)	NS
PeCDFs (total)		NS	ND(0.000020)	NS	0.000068 I	ND(0.000065)	NS
1,2,3,4,7,8-HxCDF		NS	ND(0.00019)	NS	0.0000038	ND(0.000066)	NS
1,2,3,6,7,8-HxCDF		NS	ND(0.00018)	NS	0.0000027	ND(0.000062)	NS
1,2,3,7,8,9-HxCDF		NS	ND(0.00021)	NS	0.00000061 J	ND(0.000073)	NS
2,3,4,6,7,8-HxCDF		NS	ND(0.00020)	NS	0.0000042	ND(0.000067)	NS
HxCDFs (total)		NS	ND(0.00020)	NS	0.000053	ND(0.000067)	NS
1,2,3,4,6,7,8-HpCDF		NS	ND(0.000020)	NS	0.0000077	ND(0.000018)	NS
1,2,3,4,7,8,9-HpCDF		NS	ND(0.000024)	NS	0.00000087 J	ND(0.000022)	NS
HpCDFs (total)		NS	ND(0.000021)	NS	0.000015 I	ND(0.000020)	NS
OCDF		NS	ND(0.000039)	NS	0.0000053	ND(0.000029)	NS
Dioxins							
2,3,7,8-TCDD		NS	ND(0.000017)	NS	ND(0.00000025) X	ND(0.000030)	NS
TCDDs (total)		NS	ND(0.000017)	NS	0.0000024 I	ND(0.000030)	NS
1,2,3,7,8-PeCDD		NS	ND(0.000029)	NS	ND(0.0000014) X	ND(0.000056)	NS
PeCDDs (total)		NS	ND(0.000029)	NS	0.00000027 I	ND(0.000056)	NS
1,2,3,4,7,8-HxCDD		NS	ND(0.000079)	NS	0.00000025 J	ND(0.000045)	NS
1,2,3,6,7,8-HxCDD		NS	ND(0.000078)	NS	0.00000054 J	ND(0.000045)	NS
1,2,3,7,8,9-HxCDD		NS	ND(0.000071)	NS	0.00000035 J	ND(0.000041)	NS
HxCDDs (total)		NS	ND(0.000076)	NS	0.0000024	ND(0.000044)	NS
1,2,3,4,6,7,8-HpCDD		NS	ND(0.000031)	NS	0.0000051	ND(0.000024)	NS
HpCDDs (total)		NS	ND(0.000031)	NS	0.000011	ND(0.000024)	NS
OCDD		NS	ND(0.000036)	NS	0.000029	ND(0.000038)	NS
Total TEQs (WHO TEFs)		NS	0.000080	NS	0.0000065	0.000082	NS
Inorganics							
Antimony		NS	ND(13.0)	NS	ND(12.0)	ND(12.0)	NS
Arsenic		NS	ND(22.0)	NS	ND(15.0)	ND(19.0)	NS
Barium		NS	ND(45.0)	NS	36.0	ND(39.0)	NS
Beryllium		NS	0.280	NS	0.270	0.220	NS
Cadmium		NS	ND(2.20)	NS	ND(2.00)	ND(1.90)	NS
Chromium		NS	8.40	NS	9.40	8.20	NS
Cobalt		NS	ND(11.0)	NS	11.0	10.0	NS
Copper		NS	ND(22.0)	NS	31.0	28.0	NS
Cyanide		NS	ND(1.00)	NS	ND(1.00)	ND(1.00)	NS
Lead		NS	5.00	NS	42.0	12.0	NS
Mercury		NS	ND(0.300)	NS	ND(0.270)	ND(0.260)	NS
Nickel		NS	16.0	NS	19.0	17.0	NS
Selenium		NS	ND(1.10)	NS	ND(1.00)	ND(0.970)	NS
Silver		NS	ND(1.10)	NS	ND(1.00)	ND(0.970)	NS
Sulfide		NS	ND(7.40)	NS	ND(6.70)	ND(6.40)	NS
Thallium		NS	ND(2.20)	NS	ND(2.00)	ND(1.90)	NS
Tin		NS	ND(57.0)	NS	ND(60.0)	ND(58.0)	NS
Vanadium		NS	ND(11.0)	NS	11.0	ND(9.70)	NS
Zinc		NS	43.0	NS	70.0	44.0	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:			
	Averaging Area:	4C	4C	4C
	Sample ID:	CRA-18	CRA-18	CRA-19
	Sample Depth(Feet):	0-2	0-2	2-4
Parameter	Date Collected:	01/23/01	01/03/02	01/23/01
Volatile Organics				
1,1,1-Trichloroethane		ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
1,1-Dichloroethane		ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
1,2-Dichloroethane		ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
2-Butanone		ND(0.10) [ND(0.10)]	NS	ND(0.10)
2-Chloroethylvinylether		ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
Acetone		ND(0.10) [ND(0.10)]	NS	ND(0.10)
Benzene		ND(0.00670) [ND(0.00760)]	NS	ND(0.00640)
Carbon Disulfide		ND(0.010) [ND(0.010)]	NS	ND(0.010)
Chlorobenzene		ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
Ethylbenzene		ND(0.00670) [ND(0.00760)]	NS	ND(0.00640)
Methylene Chloride		ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
Styrene		ND(0.00670) [ND(0.00760)]	NS	ND(0.00640)
Tetrachloroethene		ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
Toluene		ND(0.00670) [ND(0.00760)]	NS	ND(0.00640)
Trichloroethene		ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
Trichlorofluoromethane		ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)
Xylenes (total)		ND(0.013) [ND(0.0076)]	NS	ND(0.013)
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene		ND(0.440) [ND(0.500)]	NS	NS
1,2,4-Trichlorobenzene		ND(0.440) [ND(0.500)]	NS	NS
1,2-Dichlorobenzene		ND(0.440) [ND(0.500)]	NS	NS
1,2-Diphenylhydrazine		ND(0.44) [ND(0.50)]	NS	NS
1,3-Dichlorobenzene		ND(0.440) [ND(0.500)]	NS	NS
1,3-Dinitrobenzene		ND(2.3) J [ND(2.60)]	NS	NS
1,4-Dichlorobenzene		ND(0.440) [ND(0.500)]	NS	NS
2,4-Dimethylphenol		ND(0.440) [ND(0.500)]	NS	NS
2-Chloronaphthalene		ND(0.440) [ND(0.500)]	NS	NS
2-Chlorophenol		ND(0.440) [ND(0.500)]	NS	NS
2-Methylnaphthalene		ND(0.440) [ND(0.500)]	NS	NS
2-Methylphenol		ND(0.440) [ND(0.500)]	NS	NS
2-Nitroaniline		ND(2.30) [ND(2.6) J]	NS	NS
3&4-Methylphenol		ND(0.890) [ND(1.00)]	NS	NS
4-Chloroaniline		ND(0.890) [ND(1.00)]	NS	NS
4-Chlorobenzilate		ND(2.30) [ND(2.60)]	NS	NS
4-Phenylenediamine		ND(2.30) [ND(2.60)]	NS	NS
Acenaphthene		0.130 J [ND(0.500)]	NS	NS
Acenaphthylene		ND(0.440) [ND(0.500)]	NS	NS
Acetophenone		ND(0.440) [ND(0.500)]	NS	NS
Aniline		ND(0.440) [ND(0.500)]	NS	NS
Anthracene		0.340 J [ND(0.500)]	NS	NS
Benzo(a)anthracene		1.00 [ND(0.500)]	NS	NS
Benzo(a)pyrene		1.00 [ND(0.500)]	NS	NS
Benzo(b)fluoranthene		0.840 [ND(0.500)]	NS	NS
Benzo(g,h,i)perylene		0.560 [ND(0.500)]	NS	NS
Benzo(k)fluoranthene		1.10 [ND(0.500)]	NS	NS
Benzyl Alcohol		ND(0.890) [ND(1.00)]	NS	NS
bis(2-Ethylhexyl)phthalate		ND(0.440) [ND(0.500)]	NS	NS
Chrysene		1.10 [ND(0.500)]	NS	NS
Dibenzo(a,h)anthracene		ND(0.890) [ND(1.00)]	NS	NS
Dibenzofuran		0.140 J [ND(0.500)]	NS	NS
Diethylphthalate		ND(0.440) [ND(0.500)]	NS	NS
Dimethylphthalate		ND(0.440) [ND(0.500)]	NS	NS
Di-n-Butylphthalate		ND(0.440) [ND(0.500)]	NS	NS
Diphenylamine		ND(0.44) [ND(0.50)]	NS	NS
Fluoranthene		2.10 [ND(0.500)]	NS	NS
Fluorene		0.160 J [ND(0.500)]	NS	NS
Hexachlorobenzene		ND(0.440) [ND(0.500)]	NS	NS
Indeno(1,2,3-cd)pyrene		0.560 J [ND(1.00)]	NS	NS
Naphthalene		0.170 J [ND(0.500)]	NS	NS
Nitrobenzene		ND(0.440) [ND(0.500)]	NS	NS
N-Nitrosodiphenylamine		ND(0.440) [ND(0.500)]	NS	NS
o-Toluidine		ND(0.440) [ND(0.500)]	NS	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4C / CRA-18 / 0-2 / 01/23/01	4C / CRA-18 / 0-2 / 01/03/02	4C / CRA-19 / 2-4 / 01/23/01
Semivolatile Organics (continued)				
Pentachlorobenzene		ND(0.440) [ND(0.500)]	NS	NS
Pentachlorophenol		ND(2.30) [ND(2.60)]	NS	NS
Phenanthrene		1.60 [ND(0.500)]	NS	NS
Phenol		ND(0.440) [ND(0.500)]	NS	NS
Pyrene		2.20 [ND(0.500)]	NS	NS
Pyridine		ND(0.44) J [ND(0.500)]	NS	NS
Furans				
2,3,7,8-TCDF		0.0000098 [0.0000098]	NS	NS
TCDFs (total)		0.000080 I [0.000091]	NS	NS
1,2,3,7,8-PeCDF		0.0000039 [0.0000034]	NS	NS
2,3,4,7,8-PeCDF		0.000012 [0.000012]	NS	NS
PeCDFs (total)		0.00011 I [0.00012 I]	NS	NS
1,2,3,4,7,8-HxCDF		0.0000048 [0.0000038]	NS	NS
1,2,3,6,7,8-HxCDF		0.0000038 [0.0000034]	NS	NS
1,2,3,7,8,9-HxCDF		0.0000011 J [0.0000010 J]	NS	NS
2,3,4,6,7,8-HxCDF		0.0000068 [0.0000070]	NS	NS
HxCDFs (total)		0.000084 [0.000091]	NS	NS
1,2,3,4,6,7,8-HpCDF		0.0000094 [0.0000082]	NS	NS
1,2,3,4,7,8,9-HpCDF		0.0000013 J [0.0000011 J]	NS	NS
HpCDFs (total)		0.000021 [0.000020]	NS	NS
OCDF		0.0000085 [0.0000066]	NS	NS
Dioxins				
2,3,7,8-TCDD		ND(0.00000021) X [ND(0.00000018) X]	NS	NS
TCDDs (total)		0.0000014 [0.0000016]	NS	NS
1,2,3,7,8-PeCDD		ND(0.0000024) X [ND(0.0000013) X]	NS	NS
PeCDDs (total)		0.0000022 [0.0000027]	NS	NS
1,2,3,4,7,8-HxCDD		0.00000022 J [0.00000021 J]	NS	NS
1,2,3,6,7,8-HxCDD		0.00000065 J [0.00000055 J]	NS	NS
1,2,3,7,8,9-HxCDD		0.00000040 J [0.00000033 J]	NS	NS
HxCDDs (total)		0.0000063 [0.0000060]	NS	NS
1,2,3,4,6,7,8-HpCDD		0.0000079 [0.0000057]	NS	NS
HpCDDs (total)		0.000017 [0.000012]	NS	NS
OCDD		0.000057 [0.000039]	NS	NS
Total TEQs (WHO TEFs)		0.000010 [0.0000097]	NS	NS
Inorganics				
Antimony		ND(12.0) J [ND(14.0) J]	NS	NS
Arsenic		ND(15.0) [ND(23.0)]	NS	NS
Barium		39.0 [ND(46.0)]	NS	NS
Beryllium		0.300 [0.330]	NS	NS
Cadmium		ND(2.00) [ND(2.30)]	NS	NS
Chromium		12.0 [14.0]	NS	NS
Cobalt		14.0 [17.0]	NS	NS
Copper		56.0 [50.0]	NS	NS
Cyanide		ND(1.00) [ND(1.00)]	NS	NS
Lead		38.0 [34.0]	NS	NS
Mercury		ND(0.270) [ND(0.300)]	NS	NS
Nickel		26.0 [30.0]	NS	NS
Selenium		ND(1.00) [ND(1.10)]	NS	NS
Silver		ND(1.00) [ND(1.10)]	NS	NS
Sulfide		21.0 [29.0]	NS	NS
Thallium		ND(2.00) J [ND(2.30) J]	NS	NS
Tin		ND(60.0) [ND(68.0)]	NS	NS
Vanadium		12.0 [14.0]	NS	NS
Zinc		69.0 [84.0]	NS	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4C	4C	4C	4C	4C	4C
	Sample ID:	CRA-19	CRA-20	CRA-20	CRA-21	CRA-22	CRA-22
	Sample Depth(Feet):	2-5	2-4	2-5	0-2	5-14	12-14
Parameter	Date Collected:	01/23/01	01/31/01	01/31/01	01/31/01	01/31/01	01/31/01
Volatile Organics							
1,1,1-Trichloroethane		NS	ND(0.0063)	NS	ND(0.0071)	NS	ND(0.0068)
1,1-Dichloroethane		NS	ND(0.0063)	NS	ND(0.0071)	NS	ND(0.0068)
1,2-Dichloroethane		NS	ND(0.0063)	NS	ND(0.0071)	NS	ND(0.0068)
2-Butanone		NS	ND(0.10)	NS	ND(0.10)	NS	ND(0.10)
2-Chloroethylvinylether		NS	ND(0.0063)	NS	ND(0.0071)	NS	ND(0.0068)
Acetone		NS	ND(0.10)	NS	ND(0.10)	NS	ND(0.10)
Benzene		NS	ND(0.00630)	NS	ND(0.00710)	NS	ND(0.00680)
Carbon Disulfide		NS	ND(0.010)	NS	ND(0.010)	NS	ND(0.010)
Chlorobenzene		NS	ND(0.0063)	NS	ND(0.0071)	NS	ND(0.0068)
Ethylbenzene		NS	ND(0.00630)	NS	ND(0.00710)	NS	ND(0.00680)
Methylene Chloride		NS	ND(0.0063)	NS	ND(0.0071)	NS	ND(0.0068)
Styrene		NS	ND(0.00630)	NS	ND(0.00710)	NS	ND(0.00680)
Tetrachloroethene		NS	ND(0.0063)	NS	ND(0.0071)	NS	ND(0.0068)
Toluene		NS	ND(0.00630)	NS	ND(0.00710)	NS	ND(0.00680)
Trichloroethene		NS	ND(0.0063)	NS	ND(0.0071)	NS	ND(0.0068)
Trichlorofluoromethane		NS	ND(0.0063) J	NS	ND(0.0071) J	NS	ND(0.0068) J
Xylenes (total)		NS	ND(0.0063)	NS	ND(0.0071)	NS	ND(0.0068)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)	NS
1,2,4-Trichlorobenzene		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)	NS
1,2-Dichlorobenzene		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)	NS
1,2-Diphenylhydrazine		ND(0.43)	NS	ND(0.42)	ND(0.47)	ND(0.44)	NS
1,3-Dichlorobenzene		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)	NS
1,3-Dinitrobenzene		ND(2.2) J	NS	ND(2.20)	ND(2.40)	ND(2.30)	NS
1,4-Dichlorobenzene		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)	NS
2,4-Dimethylphenol		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)	NS
2-Chloronaphthalene		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)	NS
2-Chlorophenol		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)	NS
2-Methylnaphthalene		ND(0.430)	NS	0.130 J	ND(0.470)	ND(0.440)	NS
2-Methylphenol		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)	NS
2-Nitroaniline		ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)	NS
3&4-Methylphenol		ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)	NS
4-Chloroaniline		ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)	NS
4-Chlorobenzilate		ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)	NS
4-Phenylenediamine		ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)	NS
Acenaphthene		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)	NS
Acenaphthylene		ND(0.430)	NS	0.110 J	ND(0.470)	ND(0.440)	NS
Acetophenone		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)	NS
Aniline		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)	NS
Anthracene		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)	NS
Benzo(a)anthracene		ND(0.430)	NS	0.360 J	ND(0.470)	ND(0.440)	NS
Benzo(a)pyrene		ND(0.430)	NS	0.370 J	ND(0.470)	ND(0.440)	NS
Benzo(b)fluoranthene		ND(0.430)	NS	0.290 J	ND(0.470)	ND(0.440)	NS
Benzo(g,h,i)perylene		ND(0.430)	NS	0.370 J	ND(0.470)	ND(0.440)	NS
Benzo(k)fluoranthene		ND(0.430)	NS	0.400 J	ND(0.470)	ND(0.440)	NS
Benzyl Alcohol		ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)	NS
bis(2-Ethylhexyl)phthalate		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)	NS
Chrysene		ND(0.430)	NS	0.460	ND(0.470)	ND(0.440)	NS
Dibenzo(a,h)anthracene		ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)	NS
Dibenzofuran		ND(0.430)	NS	0.0890 J	ND(0.470)	ND(0.440)	NS
Diethylphthalate		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)	NS
Dimethylphthalate		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)	NS
Di-n-Butylphthalate		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)	NS
Diphenylamine		ND(0.43)	NS	ND(0.42)	ND(0.47)	ND(0.44)	NS
Fluoranthene		ND(0.430)	NS	0.570	ND(0.470)	ND(0.440)	NS
Fluorene		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)	NS
Hexachlorobenzene		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)	NS
Indeno(1,2,3-cd)pyrene		ND(0.860)	NS	0.330 J	ND(0.960)	ND(0.900)	NS
Naphthalene		ND(0.430)	NS	0.170 J	ND(0.470)	ND(0.440)	NS
Nitrobenzene		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)	NS
N-Nitrosodiphenylamine		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)	NS
o-Toluidine		ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	4C / CRA-19 / 2-5 / 01/23/01	4C / CRA-20 / 2-4 / 01/31/01	4C / CRA-20 / 2-5 / 01/31/01	4C / CRA-21 / 0-2 / 01/31/01	4C / CRA-22 / 5-14 / 01/31/01	4C / CRA-22 / 12-14 / 01/31/01
Semivolatile Organics (continued)						
Pentachlorobenzene	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)	NS
Pentachlorophenol	ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)	NS
Phenanthrene	ND(0.430)	NS	0.320 J	ND(0.470)	ND(0.440)	NS
Phenol	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)	NS
Pyrene	ND(0.430)	NS	0.560	ND(0.470)	ND(0.440)	NS
Pyridine	ND(0.43) J	NS	ND(0.420)	ND(0.470)	ND(0.440)	NS
Furans						
2,3,7,8-TCDF	ND(0.0000094)	NS	ND(0.000014)	0.00000051 J	ND(0.000013)	NS
TCDFs (total)	ND(0.0000094)	NS	ND(0.000014)	0.0000036	ND(0.000013)	NS
1,2,3,7,8-PeCDF	ND(0.000015)	NS	ND(0.0000095)	ND(0.00000023) X	ND(0.000010)	NS
2,3,4,7,8-PeCDF	ND(0.000015)	NS	ND(0.0000093)	0.00000053 J	ND(0.000010)	NS
PeCDFs (total)	ND(0.000015)	NS	ND(0.0000094)	0.0000052	ND(0.000010)	NS
1,2,3,4,7,8-HxCDF	ND(0.0000082)	NS	ND(0.00016)	0.00000043 J	ND(0.00012)	NS
1,2,3,6,7,8-HxCDF	ND(0.0000076)	NS	ND(0.00014)	0.00000038 J	ND(0.00011)	NS
1,2,3,7,8,9-HxCDF	ND(0.0000090)	NS	ND(0.00017)	ND(0.00000010)	ND(0.00013)	NS
2,3,4,6,7,8-HxCDF	ND(0.0000083)	NS	ND(0.00016)	0.00000060 J	ND(0.00012)	NS
HxCDFs (total)	ND(0.0000083)	NS	ND(0.00017)	0.0000079	ND(0.00023)	NS
1,2,3,4,6,7,8-HpCDF	ND(0.000013)	NS	ND(0.000042)	0.0000057	ND(0.000045)	NS
1,2,3,4,7,8,9-HpCDF	ND(0.000016)	NS	ND(0.000050)	0.00000044 J	ND(0.000055)	NS
HpCDFs (total)	ND(0.000014)	NS	ND(0.000046)	0.000015	ND(0.000050)	NS
OCDF	ND(0.000021)	NS	ND(0.000031)	0.000018	ND(0.000029)	NS
Dioxins						
2,3,7,8-TCDD	ND(0.000015)	NS	ND(0.000017)	ND(0.000000095)	ND(0.000017)	NS
TCDDs (total)	ND(0.000015)	NS	ND(0.000017)	ND(0.00000042)	ND(0.000017)	NS
1,2,3,7,8-PeCDD	ND(0.000014)	NS	ND(0.000017)	ND(0.00000019) X	ND(0.000017)	NS
PeCDDs (total)	ND(0.000014)	NS	ND(0.000017)	ND(0.00000062)	ND(0.000017)	NS
1,2,3,4,7,8-HxCDD	ND(0.000013)	NS	ND(0.000033)	0.00000026 J	ND(0.00033)	NS
1,2,3,6,7,8-HxCDD	ND(0.000012)	NS	ND(0.000033)	0.00000077 J	ND(0.00032)	NS
1,2,3,7,8,9-HxCDD	ND(0.000011)	NS	ND(0.000030)	0.00000053 J	ND(0.00030)	NS
HxCDDs (total)	ND(0.000012)	NS	ND(0.000032)	0.0000048	ND(0.00032)	NS
1,2,3,4,6,7,8-HpCDD	ND(0.000017)	NS	ND(0.000049)	0.000018	ND(0.00021)	NS
HpCDDs (total)	ND(0.000017)	NS	ND(0.000049)	0.000034	ND(0.00021)	NS
OCDD	ND(0.000039)	NS	0.00014 J	0.00013	ND(0.000049)	NS
Total TEQs (WHO TEFs)	0.000023	NS	0.000057	0.0000010	0.000093	NS
Inorganics						
Antimony	ND(12.0) J	NS	ND(11.0)	ND(13.0)	ND(12.0)	NS
Arsenic	ND(15.0)	NS	ND(19.0)	ND(21.0)	ND(20.0)	NS
Barium	ND(30.0)	NS	ND(38.0)	ND(43.0)	ND(40.0)	NS
Beryllium	ND(0.190)	NS	0.310	0.310	0.240	NS
Cadmium	ND(1.90)	NS	ND(1.90)	ND(2.10)	ND(2.00)	NS
Chromium	8.90	NS	12.0	11.0	9.80	NS
Cobalt	11.0	NS	14.0	ND(11.0)	12.0	NS
Copper	30.0	NS	58.0	ND(21.0)	ND(20.0)	NS
Cyanide	ND(1.00)	NS	ND(1.00)	ND(1.00)	ND(1.00)	NS
Lead	14.0	NS	65.0	18.0	8.90	NS
Mercury	ND(0.260)	NS	0.340	ND(0.280)	ND(0.270)	NS
Nickel	18.0	NS	25.0	16.0	23.0	NS
Selenium	ND(0.960)	NS	ND(0.950) J	ND(1.10) J	ND(1.00) J	NS
Silver	ND(0.960)	NS	ND(0.950)	ND(1.10)	ND(1.00)	NS
Sulfide	14.0	NS	30.0	ND(7.10)	ND(6.80)	NS
Thallium	ND(1.90) J	NS	2.50	ND(2.10)	ND(2.00)	NS
Tin	ND(58.0)	NS	ND(57.0)	ND(64.0)	ND(61.0)	NS
Vanadium	ND(9.60)	NS	14.0	11.0	ND(10.0)	NS
Zinc	45.0	NS	130	58.0	56.0	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4C / X-17 / 0-2 / 01/31/01	4D / RAA4-25 / 0-1 / 01/02/02	4D / RAA4-25 / 1-3 / 01/02/02	4D / RAA4-26 / 1-3 / 01/02/02
Volatile Organics					
1,1,1-Trichloroethane		NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]	ND(0.0053)
1,1-Dichloroethane		NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]	ND(0.0053)
1,2-Dichloroethane		NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]	ND(0.0053)
2-Butanone		NS	ND(0.011)	ND(0.010) [ND(0.011)]	ND(0.011)
2-Chloroethylvinylether		NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]	ND(0.0053)
Acetone		NS	ND(0.022)	ND(0.021) [ND(0.021)]	ND(0.021)
Benzene		NS	ND(0.00540)	ND(0.00530) [ND(0.00530)]	ND(0.00530)
Carbon Disulfide		NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]	ND(0.0053)
Chlorobenzene		NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]	ND(0.0053)
Ethylbenzene		NS	ND(0.00540)	ND(0.00530) [ND(0.00530)]	ND(0.00530)
Methylene Chloride		NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]	ND(0.0053)
Styrene		NS	ND(0.00540)	ND(0.00530) [ND(0.00530)]	ND(0.00530)
Tetrachloroethene		NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]	ND(0.0053)
Toluene		NS	ND(0.00540)	ND(0.00530) [ND(0.00530)]	ND(0.00530)
Trichloroethene		NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]	ND(0.0053)
Trichlorofluoromethane		NS	ND(0.0054) J	ND(0.0053) J [ND(0.0053) J]	ND(0.0053) J
Xylenes (total)		NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]	ND(0.0053)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
1,2,4-Trichlorobenzene		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
1,2-Dichlorobenzene		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
1,2-Diphenylhydrazine		NS	ND(0.36)	ND(0.35) [ND(0.35)]	ND(0.35)
1,3-Dichlorobenzene		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
1,3-Dinitrobenzene		NS	ND(0.730)	ND(0.700) [ND(0.710)]	ND(0.710)
1,4-Dichlorobenzene		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
2,4-Dimethylphenol		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
2-Chloronaphthalene		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
2-Chlorophenol		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
2-Methylnaphthalene		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
2-Methylphenol		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
2-Nitroaniline		NS	ND(1.8) J	ND(1.8) J [ND(1.8) J]	ND(1.8) J
3&4-Methylphenol		NS	ND(0.730)	ND(0.700) [ND(0.710)]	ND(0.710)
4-Chloroaniline		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
4-Chlorobenzilate		NS	ND(0.730)	ND(0.700) [ND(0.710)]	ND(0.710)
4-Phenylenediamine		NS	ND(0.730)	ND(0.700) [ND(0.710)]	ND(0.710)
Acenaphthene		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
Acenaphthylene		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
Acetophenone		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
Aniline		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
Anthracene		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
Benzo(a)anthracene		NS	0.0840 J	ND(0.350) [ND(0.350)]	ND(0.350)
Benzo(a)pyrene		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
Benzo(b)fluoranthene		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
Benzo(g,h,i)perylene		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
Benzo(k)fluoranthene		NS	0.110 J	ND(0.350) [ND(0.350)]	ND(0.350)
Benzyl Alcohol		NS	ND(0.730)	ND(0.700) [ND(0.710)]	ND(0.710)
bis(2-Ethylhexyl)phthalate		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
Chrysene		NS	0.110 J	ND(0.350) [ND(0.350)]	ND(0.350)
Dibenzo(a,h)anthracene		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
Dibenzofuran		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
Diethylphthalate		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
Dimethylphthalate		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
Di-n-Butylphthalate		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
Diphenylamine		NS	ND(0.36)	ND(0.35) [ND(0.35)]	ND(0.35)
Fluoranthene		NS	0.150 J	ND(0.350) [ND(0.350)]	ND(0.350)
Fluorene		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
Hexachlorobenzene		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
Indeno(1,2,3-cd)pyrene		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
Naphthalene		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
Nitrobenzene		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
N-Nitrosodiphenylamine		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
o-Toluidine		NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:				
	4C / X-17 / 0-2 / 01/31/01	4D / RAA4-25 / 0-1 / 01/02/02	4D / RAA4-25 / 1-3 / 01/02/02	4D / RAA4-26 / 1-3 / 01/02/02
Semivolatile Organics (continued)				
Pentachlorobenzene	NS	ND(0.350)	ND(0.350) [ND(0.350)]	ND(0.350)
Pentachlorophenol	NS	ND(1.80)	ND(1.80) [ND(1.80)]	ND(1.80)
Phenanthrene	NS	0.0960 J	ND(0.350) [ND(0.350)]	ND(0.350)
Phenol	NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
Pyrene	NS	0.150 J	ND(0.350) [ND(0.350)]	ND(0.350)
Pyridine	NS	ND(0.360)	ND(0.350) [ND(0.350)]	ND(0.350)
Furans				
2,3,7,8-TCDF	0.000053	0.000013	0.0000014 [0.0000022]	0.0000026
TCDFs (total)	0.00045 QI	0.000089	0.000011 [0.000018]	0.000015
1,2,3,7,8-PeCDF	0.000014	0.0000067	0.00000052 J [0.00000080 J]	0.0000014 J
2,3,4,7,8-PeCDF	0.000021	0.000019	0.0000019 J [0.0000028]	0.0000028
PeCDFs (total)	0.00025 Q	0.00020	0.000016 [0.000024]	0.000028
1,2,3,4,7,8-HxCDF	0.000011	0.0000071	0.00000095 J [0.0000011 J]	0.0000015 J
1,2,3,6,7,8-HxCDF	0.0000072	0.0000060	0.00000074 J [0.00000080 J]	0.0000012 J
1,2,3,7,8,9-HxCDF	0.0000018 J	0.0000020 J	ND(0.00000038) [0.00000039 J]	ND(0.00000022) Q
2,3,4,6,7,8-HxCDF	0.000012	0.000012	0.0000014 J [0.0000017 J]	0.0000021 J
HxCDFs (total)	0.00020	0.00014	0.000015 [0.000021]	0.000024 Q
1,2,3,4,6,7,8-HpCDF	0.00011	0.000014	0.0000017 J [0.0000022]	0.0000039
1,2,3,4,7,8,9-HpCDF	0.0000028	0.0000017 J	0.00000022 J [0.00000032 J]	0.00000045 J
HpCDFs (total)	0.00020	0.000033	0.0000019 [0.0000050]	0.0000043
OCDF	0.000059	0.0000086	0.0000012 J [0.0000013 J]	0.0000017 J
Dioxins				
2,3,7,8-TCDD	ND(0.00000061) X	ND(0.00000010) X	ND(0.000000046) X [ND(0.000000044) X]	ND(0.000000044) X
TCDDs (total)	0.0000093	0.0000015	0.0000017 [0.0000062]	0.0000011
1,2,3,7,8-PeCDD	ND(0.0000013) X	ND(0.00000024) X	ND(0.00000022) X [ND(0.00000022) X]	ND(0.00000022) X
PeCDDs (total)	0.0000088 Q	0.0000016	0.0000018 [0.0000063]	0.0000012
1,2,3,4,7,8-HxCDD	0.00000062 J	ND(0.00000026) X	ND(0.00000022) [ND(0.00000030)]	ND(0.00000022)
1,2,3,6,7,8-HxCDD	0.0000026	0.00000086 J	ND(0.00000022) [0.00000050 J]	0.00000034 J
1,2,3,7,8,9-HxCDD	0.0000014 J	ND(0.00000024) X	ND(0.00000022) X [0.00000032 J]	ND(0.00000022) Q
HxCDDs (total)	0.000022	0.0000069	0.0000033 [0.0000062]	0.0000028 Q
1,2,3,4,6,7,8-HpCDD	0.000038	0.000011	0.0000024 [0.0000016 J]	0.0000022 J
HpCDDs (total)	0.000070	0.000024	0.0000051 [0.0000030]	0.0000047
OCDD	0.00025	0.000072	ND(0.000014) [ND(0.0000081)]	ND(0.000016)
Total TEQs (WHO TEFs)	0.000023	0.000014	0.0000017 [0.0000023]	0.0000025
Inorganics				
Antimony	NS	ND(6.00)	ND(6.00) [ND(6.00)]	ND(6.00)
Arsenic	NS	4.20	5.20 [4.10]	4.00
Barium	NS	23.0	21.0 [ND(20.0)]	22.0
Beryllium	NS	0.130 B	0.150 B [0.150 B]	ND(0.500)
Cadmium	NS	0.130 B	ND(0.500) [ND(0.500)]	ND(0.500)
Chromium	NS	6.80	5.60 [4.70]	5.20
Cobalt	NS	7.10	8.60 [6.20]	5.50
Copper	NS	22.0	19.0 [18.0]	12.0
Cyanide	NS	0.130	ND(0.210) [ND(0.110)]	ND(0.210)
Lead	NS	21.0	25.0 [22.0]	6.80
Mercury	NS	0.0120 B	0.0220 B [0.0320 B]	0.00530 B
Nickel	NS	13.0	14.0 [10.0]	9.40
Selenium	NS	ND(1.00)	ND(1.00) [ND(1.00)]	ND(1.00)
Silver	NS	ND(1.00)	ND(1.00) [ND(1.00)]	ND(1.00)
Sulfide	NS	ND(8.70)	ND(5.30) [ND(25.0)]	ND(14.0)
Thallium	NS	ND(1.60)	ND(1.60) [ND(1.60)]	ND(1.60)
Tin	NS	ND(10.0)	4.50 B [ND(10.0)]	3.50 B
Vanadium	NS	8.00	ND(5.00) [ND(5.00)]	ND(5.00)
Zinc	NS	38.0	32.0 [26.0]	27.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:				
	4D / RAA4-E38 / 0-1 / 05/14/02	4D / RAA4-E40 / 0-1 / 05/13/02	4D / RAA4-E42 / 0-1 / 01/03/02	4D / RAA4-F37 / 0-1 / 05/14/02	4D / RAA4-F39 / 0-1 / 04/22/02
Volatile Organics					
1,1,1-Trichloroethane	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)	ND(0.0053)
1,1-Dichloroethane	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)	ND(0.0053)
1,2-Dichloroethane	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)	ND(0.0053)
2-Butanone	ND(0.012)	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.010)
2-Chloroethylvinylether	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)	ND(0.0053)
Acetone	ND(0.023)	0.030	ND(0.022)	ND(0.021)	ND(0.021)
Benzene	ND(0.00580)	ND(0.00610)	ND(0.00540)	ND(0.00530)	ND(0.00530)
Carbon Disulfide	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)	ND(0.0053)
Chlorobenzene	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)	ND(0.0053)
Ethylbenzene	ND(0.00580)	ND(0.00610)	ND(0.00540)	ND(0.00530)	ND(0.00530)
Methylene Chloride	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)	ND(0.0053)
Styrene	ND(0.00580)	ND(0.00610)	ND(0.00540)	ND(0.00530)	ND(0.00530)
Tetrachloroethene	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)	ND(0.0053)
Toluene	ND(0.00580)	ND(0.00610)	ND(0.00540)	ND(0.00530)	ND(0.00530)
Trichloroethene	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)	ND(0.0053)
Trichlorofluoromethane	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)	ND(0.0053)
Xylenes (total)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)	ND(0.0053)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)	ND(0.350)
1,2,4-Trichlorobenzene	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)	ND(0.350)
1,2-Dichlorobenzene	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)	ND(0.350)
1,2-Diphenylhydrazine	ND(0.38)	ND(0.41)	ND(0.36)	ND(0.36)	ND(0.35)
1,3-Dichlorobenzene	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)	ND(0.350)
1,3-Dinitrobenzene	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)	ND(0.710)
1,4-Dichlorobenzene	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)	ND(0.350)
2,4-Dimethylphenol	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)	ND(0.350)
2-Chloronaphthalene	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)	ND(0.350)
2-Chlorophenol	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)	ND(0.350)
2-Methylnaphthalene	0.160 J	0.310 J	ND(0.360)	ND(0.360)	ND(0.350)
2-Methylphenol	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)	ND(0.350)
2-Nitroaniline	ND(2.00)	ND(2.10)	ND(1.80)	ND(1.80)	ND(1.80)
3&4-Methylphenol	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)	ND(0.710)
4-Chloroaniline	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)	ND(0.350)
4-Chlorobenzilate	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)	ND(0.710)
4-Phenylenediamine	ND(0.77) J	ND(0.82) J	ND(0.72) J	ND(0.71) J	ND(0.71) J
Acenaphthene	0.0830 J	1.60	ND(0.360)	ND(0.360)	ND(0.350)
Acenaphthylene	0.150 J	ND(0.410)	ND(0.360)	0.0950 J	ND(0.350)
Acetophenone	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)	ND(0.350)
Aniline	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)	ND(0.350)
Anthracene	0.150 J	2.10	ND(0.360)	0.280 J	ND(0.350)
Benzo(a)anthracene	0.460	3.90	0.110 J	0.240 J	0.190 J
Benzo(a)pyrene	0.440	2.80	ND(0.360)	0.220 J	0.230 J
Benzo(b)fluoranthene	0.250 J	2.10	0.0820 J	0.150 J	0.220 J
Benzo(g,h,i)perylene	0.310 J	1.20	ND(0.360)	0.380	ND(0.350)
Benzo(k)fluoranthene	0.430	2.90	0.160 J	0.200 J	0.180 J
Benzyl Alcohol	ND(0.77) J	ND(0.820)	ND(0.720)	ND(0.71) J	ND(0.710)
bis(2-Ethylhexyl)phthalate	ND(0.380)	ND(0.400)	0.110 J	ND(0.350)	ND(0.350)
Chrysene	0.540	3.70	0.140 J	0.200 J	0.190 J
Dibenzo(a,h)anthracene	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)	ND(0.350)
Dibenzofuran	ND(0.380)	1.00	ND(0.360)	ND(0.360)	ND(0.350)
Diethylphthalate	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)	ND(0.350)
Dimethylphthalate	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)	ND(0.350)
Di-n-Butylphthalate	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)	ND(0.350)
Diphenylamine	ND(0.38)	ND(0.41)	ND(0.36)	ND(0.36)	ND(0.35)
Fluoranthene	0.720	11.0	0.220 J	0.400	0.350 J
Fluorene	0.140 J	1.40	ND(0.360)	ND(0.360)	ND(0.350)
Hexachlorobenzene	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)	ND(0.350)
Indeno(1,2,3-cd)pyrene	0.200 J	1.30	ND(0.360)	0.210 J	ND(0.350)
Naphthalene	1.20	1.00	ND(0.360)	ND(0.360)	ND(0.350)
Nitrobenzene	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)	ND(0.350)
N-Nitrosodiphenylamine	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)	ND(0.350)
o-Toluidine	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)	ND(0.350)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	Averaging Area:	4D	4D	4D	4D	4D
	Sample ID:	RAA4-E38	RAA4-E40	RAA4-E42	RAA4-F37	RAA4-F39
	Sample Depth(Feet):	0-1	0-1	0-1	0-1	0-1
Parameter	Date Collected:	05/14/02	05/13/02	01/03/02	05/14/02	04/22/02
Semivolatile Organics (continued)						
Pentachlorobenzene		ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)	ND(0.350)
Pentachlorophenol		ND(2.00)	ND(2.10)	ND(1.80)	ND(1.80)	ND(1.80)
Phenanthrene		0.730	11.0	0.140 J	0.220 J	0.240 J
Phenol		ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)	ND(0.350)
Pyrene		0.890	7.10	0.200 J	0.310 J	0.440
Pyridine		ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)	ND(0.350)
Furans						
2,3,7,8-TCDF		0.000018	0.00012	0.000017	0.000026	0.000017 Y
TCDFs (total)		0.00016 QI	0.00090 Q	0.00014	0.00056 I	0.00014 X
1,2,3,7,8-PeCDF		0.0000051	0.000032	0.0000083	0.000016	0.0000098
2,3,4,7,8-PeCDF		0.000016	0.000093	0.000029	0.00020	0.000016
PeCDFs (total)		0.00020 QI	0.00079 QI	0.00030	0.0028 Q	0.00026 X
1,2,3,4,7,8-HxCDF		0.0000064	0.000035	0.0000089	0.00013 J	0.000036
1,2,3,6,7,8-HxCDF		0.0000076	0.000025	0.0000082	0.000064 J	0.000011
1,2,3,7,8,9-HxCDF		0.0000019	0.0000074 J	ND(0.0000024)	0.000026	0.000011
2,3,4,6,7,8-HxCDF		0.000025	0.000052	0.000016	0.00018	0.000014
HxCDFs (total)		0.00035	0.00069	0.00022	0.0028 IJ	0.00025 X
1,2,3,4,6,7,8-HpCDF		0.000044 J	0.000066	0.000025	0.00026 J	0.000039
1,2,3,4,7,8,9-HpCDF		0.0000028	0.0000078 J	0.0000019 J	0.000064	0.0000088
HpCDFs (total)		0.000098	0.00014 I	0.000058	0.00076 IJ	0.000091
OCDF		0.000022	0.000047	0.000022	0.00053	0.000085
Dioxins						
2,3,7,8-TCDD		0.00000063	0.0000011 J	ND(0.000000045) X	0.00000060	ND(0.00000021) X
TCDDs (total)		0.0000073	0.0000046	0.0000032	0.000013	0.0000012 Q
1,2,3,7,8-PeCDD		ND(0.00000089) X	ND(0.0000036) X	ND(0.00000023) X	ND(0.000011) X	ND(0.000000090)
PeCDDs (total)		0.0000073	0.000016	0.0000048	0.000045 Q	0.0000043
1,2,3,4,7,8-HxCDD		0.00000066 J	0.0000018 J	0.00000054 J	0.0000045	ND(0.00000020)
1,2,3,6,7,8-HxCDD		0.0000011 J	0.0000046 J	0.0000016 J	0.000011	0.0000017 J
1,2,3,7,8,9-HxCDD		0.00000081 J	0.0000030 J	0.0000011 J	0.0000056	ND(0.0000012) X
HxCDDs (total)		0.000014	0.000050 Q	0.000016	0.00012	0.0000040
1,2,3,4,6,7,8-HpCDD		0.000012	0.000034	0.000022	0.000098	0.000022
HpCDDs (total)		0.000024	0.000073	0.000043	0.00022	0.000065
OCDD		0.000074	0.00022	0.00017	0.00080	0.00020
Total TEQs (WHO TEFs)		0.000016	0.000077	0.000021	0.00016	0.000019
Inorganics						
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	1.30 B
Arsenic		4.90	6.30	2.90	2.80	4.60
Barium		30.0	41.0	ND(20.0)	20.0	23.0
Beryllium		ND(0.500)	ND(0.500)	0.0980 B	0.100 B	0.140 B
Cadmium		ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
Chromium		10.0	8.60	6.20	9.50	8.20
Cobalt		7.40	7.10	ND(5.00)	ND(5.00)	6.20
Copper		19.0	96.0	58.0	25.0	34.0
Cyanide		0.220 B	0.280	ND(0.220)	0.290	ND(0.210)
Lead		19.0	51.0	22.0	21.0	130
Mercury		0.180	0.290	0.0580 B	ND(0.110)	0.068 J
Nickel		14.0	13.0	9.50	9.30	12.0
Selenium		ND(1.00)	ND(1.00) J	ND(1.00)	ND(1.00)	ND(1.00)
Silver		ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide		20.0	39.0	8.60	32.0	24.0
Thallium		ND(1.20)	ND(1.20)	ND(1.60)	ND(1.10)	ND(1.10) J
Tin		ND(3.90)	ND(4.50)	ND(10.0)	ND(10.0)	4.00 B
Vanadium		11.0	11.0	6.10	18.0	8.40
Zinc		58.0	53.0	35.0	65.0	43.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	Averaging Area:	4D	4D	4D	4D	4D
	Sample ID:	RAA4-F41	RAA4-F42	RAA4-F42	RAA4-F43	RAA4-F43
	Sample Depth(Feet):	0-1	1-6	5-6	6-8	6-15
Parameter	Date Collected:	04/24/02	05/13/02	05/13/02	07/08/02	07/08/02
Volatile Organics						
1,1,1-Trichloroethane		ND(0.0053)	NS	ND(0.0061)	ND(0.0056)	NS
1,1-Dichloroethane		ND(0.0053)	NS	ND(0.0061)	ND(0.0056)	NS
1,2-Dichloroethane		ND(0.0053)	NS	ND(0.0061)	ND(0.0056)	NS
2-Butanone		ND(0.011)	NS	ND(0.012)	ND(0.011)	NS
2-Chloroethylvinylether		ND(0.0053)	NS	ND(0.0061)	ND(0.0056)	NS
Acetone		ND(0.021)	NS	0.016 J	ND(0.022)	NS
Benzene		ND(0.00530)	NS	ND(0.00610)	ND(0.00560)	NS
Carbon Disulfide		ND(0.0053)	NS	ND(0.0061)	ND(0.0056)	NS
Chlorobenzene		ND(0.0053)	NS	ND(0.0061)	ND(0.0056)	NS
Ethylbenzene		ND(0.00530)	NS	ND(0.00610)	ND(0.00560)	NS
Methylene Chloride		ND(0.0053)	NS	ND(0.0061)	ND(0.0056)	NS
Styrene		ND(0.00530)	NS	ND(0.00610)	ND(0.00560)	NS
Tetrachloroethene		ND(0.0053)	NS	ND(0.0061)	ND(0.0056)	NS
Toluene		ND(0.00530)	NS	ND(0.00610)	ND(0.00560)	NS
Trichloroethene		ND(0.0053)	NS	ND(0.0061)	ND(0.0056)	NS
Trichlorofluoromethane		ND(0.0053)	NS	ND(0.0061)	ND(0.0056)	NS
Xylenes (total)		ND(0.0053)	NS	ND(0.0061)	ND(0.0056)	NS
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.360)	ND(0.410)	NS	NS	ND(0.370)
1,2,4-Trichlorobenzene		ND(0.360)	ND(0.410)	NS	NS	ND(0.370)
1,2-Dichlorobenzene		ND(0.360)	ND(0.410)	NS	NS	ND(0.370)
1,2-Diphenylhydrazine		ND(0.36)	ND(0.41)	NS	NS	ND(0.37)
1,3-Dichlorobenzene		ND(0.360)	ND(0.410)	NS	NS	ND(0.370)
1,3-Dinitrobenzene		ND(0.720)	ND(0.820)	NS	NS	ND(0.740)
1,4-Dichlorobenzene		ND(0.360)	ND(0.410)	NS	NS	ND(0.370)
2,4-Dimethylphenol		ND(0.360)	ND(0.410)	NS	NS	ND(0.370)
2-Chloronaphthalene		ND(0.360)	ND(0.410)	NS	NS	ND(0.370)
2-Chlorophenol		ND(0.360)	ND(0.410)	NS	NS	ND(0.370)
2-Methylnaphthalene		ND(0.360)	ND(0.410)	NS	NS	ND(0.370)
2-Methylphenol		ND(0.360)	ND(0.410)	NS	NS	ND(0.370)
2-Nitroaniline		ND(1.80)	ND(2.10)	NS	NS	ND(1.90)
3&4-Methylphenol		ND(0.720)	ND(0.820)	NS	NS	ND(0.740)
4-Chloroaniline		ND(0.360)	ND(0.410)	NS	NS	ND(0.370)
4-Chlorobenzilate		ND(0.720)	ND(0.820)	NS	NS	ND(0.740)
4-Phenylenediamine		ND(0.72) J	ND(0.82) J	NS	NS	ND(0.74) J
Acenaphthene		ND(0.360)	ND(0.410)	NS	NS	ND(0.370)
Acenaphthylene		ND(0.360)	ND(0.410)	NS	NS	ND(0.370)
Acetophenone		ND(0.360)	ND(0.410)	NS	NS	ND(0.370)
Aniline		ND(0.360)	ND(0.410)	NS	NS	ND(0.370)
Anthracene		0.0980 J	ND(0.410)	NS	NS	ND(0.370)
Benzo(a)anthracene		0.310 J	ND(0.410)	NS	NS	ND(0.370)
Benzo(a)pyrene		0.300 J	ND(0.410)	NS	NS	ND(0.370)
Benzo(b)fluoranthene		0.300 J	ND(0.410)	NS	NS	ND(0.370)
Benzo(g,h,i)perylene		0.180 J	ND(0.410)	NS	NS	ND(0.370)
Benzo(k)fluoranthene		0.240 J	ND(0.410)	NS	NS	ND(0.370)
Benzyl Alcohol		ND(0.720)	ND(0.820)	NS	NS	ND(0.740)
bis(2-Ethylhexyl)phthalate		ND(0.350)	ND(0.400)	NS	NS	ND(0.370)
Chrysene		0.300 J	ND(0.410)	NS	NS	ND(0.370)
Dibenzo(a,h)anthracene		ND(0.360)	ND(0.410)	NS	NS	ND(0.370)
Dibenzofuran		ND(0.360)	ND(0.410)	NS	NS	ND(0.370)
Diethylphthalate		ND(0.360)	ND(0.410)	NS	NS	ND(0.370)
Dimethylphthalate		ND(0.360)	ND(0.410)	NS	NS	ND(0.370)
Di-n-Butylphthalate		ND(0.360)	ND(0.410)	NS	NS	ND(0.370)
Diphenylamine		ND(0.36)	ND(0.41)	NS	NS	ND(0.37)
Fluoranthene		0.600	ND(0.410)	NS	NS	ND(0.370)
Fluorene		ND(0.360)	ND(0.410)	NS	NS	ND(0.370)
Hexachlorobenzene		ND(0.360)	ND(0.410)	NS	NS	ND(0.370)
Indeno(1,2,3-cd)pyrene		0.100 J	ND(0.410)	NS	NS	ND(0.370)
Naphthalene		ND(0.360)	ND(0.410)	NS	NS	ND(0.370)
Nitrobenzene		ND(0.360)	ND(0.410)	NS	NS	ND(0.370)
N-Nitrosodiphenylamine		ND(0.360)	ND(0.410)	NS	NS	ND(0.370)
o-Toluidine		ND(0.360)	ND(0.410)	NS	NS	ND(0.370)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:				
	4D / RAA4-F41 / 0-1 / 04/24/02	4D / RAA4-F42 / 1-6 / 05/13/02	4D / RAA4-F42 / 5-6 / 05/13/02	4D / RAA4-F43 / 6-8 / 07/08/02	4D / RAA4-F43 / 6-15 / 07/08/02
Semivolatile Organics (continued)					
Pentachlorobenzene	ND(0.360)	ND(0.410)	NS	NS	ND(0.370)
Pentachlorophenol	ND(1.80)	ND(2.10)	NS	NS	ND(1.90)
Phenanthrene	0.440	ND(0.410)	NS	NS	ND(0.370)
Phenol	ND(0.360)	ND(0.410)	NS	NS	ND(0.370)
Pyrene	0.640	ND(0.410)	NS	NS	ND(0.370)
Pyridine	ND(0.360)	ND(0.410)	NS	NS	ND(0.370)
Furans					
2,3,7,8-TCDF	0.000014 Y	0.00000024 J	NS	NS	ND(0.00000010)
TCDFs (total)	0.00014	0.00000054	NS	NS	ND(0.00000010)
1,2,3,7,8-PeCDF	ND(0.0000022) X	0.000000095 J	NS	NS	ND(0.00000025)
2,3,4,7,8-PeCDF	0.0000041 J	ND(0.00000011) X	NS	NS	ND(0.000000048)
PeCDFs (total)	0.00012	0.00000054	NS	NS	ND(0.000000048)
1,2,3,4,7,8-HxCDF	0.0000093	ND(0.000000086) X	NS	NS	ND(0.000000032) X
1,2,3,6,7,8-HxCDF	0.0000027 JB	ND(0.00000013) X	NS	NS	0.000000056 J
1,2,3,7,8,9-HxCDF	0.0000012 JB	ND(0.00000030)	NS	NS	ND(0.00000025)
2,3,4,6,7,8-HxCDF	0.0000025 J	0.000000067 J	NS	NS	ND(0.00000025)
HxCDFs (total)	0.000056	0.00000080	NS	NS	ND(0.00000011)
1,2,3,4,6,7,8-HpCDF	0.0000065	ND(0.00000021) X	NS	NS	0.000000070 J
1,2,3,4,7,8,9-HpCDF	ND(0.00000099) X	ND(0.00000030)	NS	NS	ND(0.00000025)
HpCDFs (total)	0.0000065	ND(0.00000019)	NS	NS	ND(0.000000070)
OCDF	ND(0.0000054) X	ND(0.00000017) X	NS	NS	ND(0.00000050)
Dioxins					
2,3,7,8-TCDD	ND(0.00000012) X	ND(0.00000014)	NS	NS	ND(0.00000010)
TCDDs (total)	0.0000011	0.00000053	NS	NS	ND(0.00000038)
1,2,3,7,8-PeCDD	ND(0.00000010)	ND(0.000000060) X	NS	NS	ND(0.00000025)
PeCDDs (total)	ND(0.0000013) X	0.00000075	NS	NS	ND(0.00000042)
1,2,3,4,7,8-HxCDD	0.00000036 JB	ND(0.00000030)	NS	NS	ND(0.00000025)
1,2,3,6,7,8-HxCDD	0.00000048 JB	ND(0.00000030)	NS	NS	ND(0.00000025)
1,2,3,7,8,9-HxCDD	0.00000049 JB	ND(0.00000030)	NS	NS	ND(0.00000025)
HxCDDs (total)	0.0000047	ND(0.00000030)	NS	NS	ND(0.00000025)
1,2,3,4,6,7,8-HpCDD	0.0000064	ND(0.00000048)	NS	NS	ND(0.00000034) X
HpCDDs (total)	0.000030	ND(0.00000091)	NS	NS	ND(0.00000025)
OCDD	0.000060	ND(0.0000045)	NS	NS	ND(0.0000024)
Total TEQs (WHO TEFs)	0.0000055	0.00000024	NS	NS	0.00000027
Inorganics					
Antimony	ND(6.00)	ND(6.00)	NS	NS	ND(6.00)
Arsenic	9.00	8.20	NS	NS	6.40
Barium	39.0	28.0	NS	NS	45.0
Beryllium	ND(0.500)	ND(0.500)	NS	NS	ND(0.500)
Cadmium	1.00	0.130 B	NS	NS	ND(0.500)
Chromium	9.40	13.0	NS	NS	8.20
Cobalt	8.60	13.0	NS	NS	8.20
Copper	53.0	28.0	NS	NS	11.0
Cyanide	ND(0.210)	ND(0.120)	NS	NS	ND(0.110)
Lead	36.0 J	11.0	NS	NS	6.00
Mercury	ND(0.110)	ND(0.120)	NS	NS	0.00440 B
Nickel	24.0	23.0	NS	NS	14.0
Selenium	ND(1.00) J	ND(1.00) J	NS	NS	ND(1.00)
Silver	ND(1.00)	ND(1.00)	NS	NS	ND(1.00)
Sulfide	14.0	22.0	NS	NS	ND(5.60)
Thallium	ND(1.10) J	ND(1.20)	NS	NS	2.00
Tin	ND(10.0)	ND(3.70)	NS	NS	ND(3.60)
Vanadium	12.0	10.0	NS	NS	6.90
Zinc	54.0	70.0	NS	NS	35.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4D RAA4-G36 0-1 05/14/02	4D RAA4-G38 0-1 04/23/02	4D RAA4-G38 1-6 04/23/02	4D RAA4-G38 3-5 04/23/02	4D RAA4-H33 0-1 06/20/02
Volatile Organics						
1,1,1-Trichloroethane		ND(0.0056)	ND(0.0056)	NS	ND(0.0057)	ND(0.0064) [ND(0.0064)]
1,1-Dichloroethane		ND(0.0056)	ND(0.0056)	NS	ND(0.0057)	ND(0.0064) [ND(0.0064)]
1,2-Dichloroethane		ND(0.0056)	ND(0.0056)	NS	ND(0.0057)	ND(0.0064) [ND(0.0064)]
2-Butanone		ND(0.011)	ND(0.011)	NS	ND(0.011)	ND(0.013) [ND(0.013)]
2-Chloroethylvinylether		ND(0.0056)	ND(0.0056)	NS	ND(0.0057)	ND(0.0064) [ND(0.0064)]
Acetone		ND(0.022)	0.018 J	NS	0.019 J	0.016 J [0.026]
Benzene		ND(0.00560)	0.00400 J	NS	ND(0.00570)	ND(0.0064) [ND(0.0064)]
Carbon Disulfide		ND(0.0056)	ND(0.0056)	NS	ND(0.0057)	ND(0.0064) [ND(0.0064)]
Chlorobenzene		ND(0.0056)	ND(0.0056)	NS	ND(0.0057)	ND(0.0064) [ND(0.0064)]
Ethylbenzene		ND(0.00560)	ND(0.00560)	NS	ND(0.00570)	ND(0.0064) [ND(0.0064)]
Methylene Chloride		ND(0.0056)	ND(0.0056)	NS	ND(0.0057)	ND(0.0064) [ND(0.0064)]
Styrene		ND(0.00560)	ND(0.00560)	NS	ND(0.00570)	ND(0.0064) [ND(0.0064)]
Tetrachloroethene		ND(0.0056)	ND(0.0056)	NS	ND(0.0057)	ND(0.0064) [ND(0.0064)]
Toluene		ND(0.00560)	ND(0.00560)	NS	ND(0.00570)	ND(0.0064) [ND(0.0064)]
Trichloroethene		ND(0.0056)	ND(0.0056)	NS	ND(0.0057)	ND(0.0064) [ND(0.0064)]
Trichlorofluoromethane		ND(0.0056)	ND(0.0056)	NS	ND(0.0057)	ND(0.0064) [ND(0.0064)]
Xylenes (total)		ND(0.0056)	ND(0.0056)	NS	ND(0.0057)	ND(0.0064) [ND(0.0064)]
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.370)	ND(0.380)	ND(0.380)	NS	R [ND(0.43) J]
1,2,4-Trichlorobenzene		ND(0.370)	ND(0.380)	ND(0.380)	NS	R [ND(0.43) J]
1,2-Dichlorobenzene		ND(0.370)	ND(0.380)	ND(0.380)	NS	R [ND(0.43) J]
1,2-Diphenylhydrazine		ND(0.37)	ND(0.38)	ND(0.38)	NS	R [ND(0.43) J]
1,3-Dichlorobenzene		ND(0.370)	ND(0.380)	ND(0.380)	NS	R [ND(0.43) J]
1,3-Dinitrobenzene		ND(0.740)	ND(0.750)	ND(0.760)	NS	R [ND(0.86) J]
1,4-Dichlorobenzene		ND(0.370)	ND(0.380)	ND(0.380)	NS	R [ND(0.43) J]
2,4-Dimethylphenol		ND(0.370)	ND(0.380)	ND(0.380)	NS	ND(0.420) [ND(0.430)]
2-Chloronaphthalene		ND(0.370)	ND(0.380)	ND(0.380)	NS	R [ND(0.43) J]
2-Chlorophenol		ND(0.370)	ND(0.380)	ND(0.380)	NS	ND(0.420) [ND(0.430)]
2-Methylnaphthalene		ND(0.370)	ND(0.380)	0.100 J	NS	R [ND(0.43) J]
2-Methylphenol		ND(0.370)	ND(0.380)	ND(0.380)	NS	ND(0.420) [ND(0.430)]
2-Nitroaniline		ND(1.90)	ND(1.90)	ND(1.90)	NS	R [ND(2.2) J]
3&4-Methylphenol		ND(0.740)	ND(0.750)	ND(0.760)	NS	ND(0.860) [ND(0.860)]
4-Chloroaniline		ND(0.370)	ND(0.380)	ND(0.380)	NS	R [ND(0.43) J]
4-Chlorobenzilate		ND(0.740)	ND(0.750)	ND(0.760)	NS	R [ND(0.86) J]
4-Phenylenediamine		ND(0.74) J	ND(0.75) J	ND(0.76) J	NS	R [ND(0.86) J]
Acenaphthene		ND(0.370)	ND(0.380)	0.0880 J	NS	R [ND(0.43) J]
Acenaphthylene		ND(0.370)	ND(0.380)	0.110 J	NS	R [ND(0.43) J]
Acetophenone		ND(0.370)	ND(0.380)	ND(0.380)	NS	R [ND(0.43) J]
Aniline		ND(0.370)	ND(0.380)	ND(0.380)	NS	R [0.20 J]
Anthracene		ND(0.370)	0.0980 J	0.310 J	NS	R [ND(0.43) J]
Benzo(a)anthracene		ND(0.370)	0.290 J	1.10	NS	R [ND(0.43) J]
Benzo(a)pyrene		ND(0.370)	0.290 J	1.10	NS	R [ND(0.43) J]
Benzo(b)fluoranthene		ND(0.370)	0.250 J	1.10	NS	R [ND(0.43) J]
Benzo(g,h,i)perylene		ND(0.370)	0.300 J	0.840	NS	R [ND(0.43) J]
Benzo(k)fluoranthene		ND(0.370)	0.270 J	0.730	NS	R [ND(0.43) J]
Benzyl Alcohol		ND(0.74) J	ND(0.750)	ND(0.760)	NS	ND(0.86) J [ND(0.860)]
bis(2-Ethylhexyl)phthalate		ND(0.370)	ND(0.370)	ND(0.370)	NS	R [ND(0.42) J]
Chrysene		ND(0.370)	0.280 J	1.00	NS	R [ND(0.43) J]
Dibenzo(a,h)anthracene		ND(0.370)	ND(0.380)	0.510	NS	R [ND(0.43) J]
Dibenzofuran		ND(0.370)	ND(0.380)	0.0760 J	NS	R [ND(0.86) J]
Diethylphthalate		ND(0.370)	ND(0.380)	ND(0.380)	NS	R [ND(0.43) J]
Dimethylphthalate		ND(0.370)	ND(0.380)	ND(0.380)	NS	R [ND(0.43) J]
Di-n-Butylphthalate		ND(0.370)	ND(0.380)	ND(0.380)	NS	R [ND(0.43) J]
Diphenylamine		ND(0.37)	ND(0.38)	ND(0.38)	NS	R [ND(0.43) J]
Fluoranthene		ND(0.370)	0.460	1.60	NS	R [ND(0.43) J]
Fluorene		ND(0.370)	ND(0.380)	0.170 J	NS	R [ND(0.43) J]
Hexachlorobenzene		ND(0.370)	ND(0.380)	ND(0.380)	NS	R [ND(0.43) J]
Indeno(1,2,3-cd)pyrene		ND(0.370)	0.310 J	0.700	NS	R [ND(0.43) J]
Naphthalene		ND(0.370)	0.300 J	0.310 J	NS	R [ND(0.86) J]
Nitrobenzene		ND(0.370)	ND(0.380)	ND(0.380)	NS	R [ND(0.43) J]
N-Nitrosodiphenylamine		ND(0.370)	ND(0.380)	ND(0.380)	NS	R [ND(0.43) J]
o-Toluidine		ND(0.370)	ND(0.380)	ND(0.380)	NS	R [ND(0.43) J]

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4D RAA4-G36 0-1 05/14/02	4D RAA4-G38 0-1 04/23/02	4D RAA4-G38 1-6 04/23/02	4D RAA4-G38 3-5 04/23/02	4D RAA4-H33 0-1 06/20/02
Semivolatile Organics (continued)						
Pentachlorobenzene		ND(0.370)	ND(0.380)	ND(0.380)	NS	R [ND(0.43) J]
Pentachlorophenol		ND(1.90)	ND(1.90)	ND(1.90)	NS	ND(2.20) [ND(2.20)]
Phenanthrene		ND(0.370)	0.390	1.30	NS	R [0.10 J]
Phenol		ND(0.370)	ND(0.380)	ND(0.380)	NS	ND(0.420) [ND(0.430)]
Pyrene		ND(0.370)	0.600	2.80	NS	R [0.12 J]
Pyridine		ND(0.370)	ND(0.380)	ND(0.380)	NS	R [ND(0.43) J]
Furans						
2,3,7,8-TCDF		0.0000045	0.000021 Y	0.000019 Y	NS	0.00050 YEJ [0.00037 Y]
TCDFs (total)		0.000030	0.00017 EJ	0.00014 X	NS	0.0040 I [0.0031 I]
1,2,3,7,8-PeCDF		0.0000016 J	0.0000070	ND(0.0000061) X	NS	0.00019 [0.00015]
2,3,4,7,8-PeCDF		0.0000025	0.000013	0.000013 J	NS	0.00021 [0.00016]
PeCDFs (total)		0.000026	0.00030 X	0.00021 X	NS	0.0022 I [0.0017 I]
1,2,3,4,7,8-HxCDF		0.0000016 J	0.000096	0.000069	NS	0.00017 [0.00013]
1,2,3,6,7,8-HxCDF		0.0000013 J	ND(0.000029) X	0.000014	NS	0.00010 [0.000078]
1,2,3,7,8,9-HxCDF		0.00000024 J	ND(0.000080) X	ND(0.000039) X	NS	0.000017 [0.000015]
2,3,4,6,7,8-HxCDF		0.0000017 J	0.000023	0.000013	NS	0.000097 [0.000074]
HxCDFs (total)		0.000021 J	0.00049 X	0.00022 X	NS	0.0013 [0.0010]
1,2,3,4,6,7,8-HpCDF		0.0000033 J	0.00014	0.000097	NS	0.00019 [0.00015]
1,2,3,4,7,8,9-HpCDF		0.00000032	0.000040	0.000026	NS	0.000025 [0.000020]
HpCDFs (total)		0.0000060 J	0.00033	0.00023	NS	0.00033 [0.00026]
OCDF		0.0000024 J	0.00025	0.00019	NS	0.00014 [0.00012]
Dioxins						
2,3,7,8-TCDD		ND(0.00000014)	ND(0.00000073) X	ND(0.00000050)	NS	0.0000034 [0.0000028]
TCDDs (total)		0.00000020 J	0.0000092 Q	0.000020	NS	0.000078 [0.000062]
1,2,3,7,8-PeCDD		ND(0.00000019) X	0.0000037 J	0.0000020 J	NS	ND(0.0000069) X [0.0000053]
PeCDDs (total)		0.00000033	0.0000054 Q	0.0000080	NS	0.000056 [0.000053]
1,2,3,4,7,8-HxCDD		ND(0.00000023)	ND(0.0000030) X	0.0000026 J	NS	0.0000042 [0.0000032]
1,2,3,6,7,8-HxCDD		ND(0.00000023)	0.0000080	ND(0.0000056) X	NS	0.0000056 [0.0000044]
1,2,3,7,8,9-HxCDD		ND(0.00000023)	0.0000061	0.0000036 J	NS	0.0000043 [0.0000031]
HxCDDs (total)		ND(0.00000023)	0.000053	0.000036	NS	0.000074 [0.000058]
1,2,3,4,6,7,8-HpCDD		0.0000017 J	0.000060	0.000040	NS	0.000043 [0.000033]
HpCDDs (total)		0.0000035	0.00013	0.000083	NS	0.000086 [0.000067]
OCDD		0.000012	0.00035	0.00035 J	NS	0.00021 [0.00015]
Total TEQs (WHO TEFs)		0.0000026	0.000034	0.000025	NS	0.00021 [0.00017]
Inorganics						
Antimony		1.20 B	ND(6.00)	ND(6.00)	NS	1.20 B [1.20 B]
Arsenic		6.90	5.10	13.0	NS	8.70 [9.90]
Barium		ND(20.0)	38.0	82.0	NS	48.0 [56.0]
Beryllium		0.140 B	ND(0.500)	ND(0.500)	NS	ND(0.500) [ND(0.500)]
Cadmium		ND(0.500)	0.690	1.80	NS	ND(0.500) J [0.530 J]
Chromium		7.90	14.0	30.0	NS	11.0 [14.0]
Cobalt		9.10	6.40	7.80	NS	ND(5.00) [ND(5.00)]
Copper		42.0	110	170	NS	37.0 [46.0]
Cyanide		ND(0.220)	0.270	0.970	NS	0.330 [0.260]
Lead		16.0	84.0	300	NS	52.0 [59.0]
Mercury		ND(0.110)	0.160	0.290	NS	0.460 J [0.610 J]
Nickel		16.0	14.0	19.0	NS	8.30 [12.0]
Selenium		ND(1.00)	ND(1.00)	0.650 B	NS	1.20 J [1.30 J]
Silver		ND(1.00)	ND(1.00)	ND(1.00)	NS	ND(1.00) [ND(1.00)]
Sulfide		16.0	70.0	34.0	NS	37.0 [29.0]
Thallium		ND(1.10)	ND(1.10) J	ND(1.10) J	NS	ND(1.90) J [ND(1.90) J]
Tin		ND(4.40)	ND(12.0)	19.0	NS	ND(10.0) [ND(10.0)]
Vanadium		10.0	17.0	19.0	NS	23.0 [29.0]
Zinc		48.0	78.0	120	NS	63.0 [70.0]

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	4D / RAA4-H34 / 1-6 / 06/06/02	4D / RAA4-H34 / 2-4 / 06/06/02	4D / RAA4-H35 / 0-1 / 04/23/02	4D / RAA4-I33 / 0-1 / 06/06/02	4D / RAA4-I33 / 6-15 / 06/06/02	4D / RAA4-I33 / 8-10 / 06/06/02
Volatile Organics						
1,1,1-Trichloroethane	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)	NS	ND(0.0055)
1,1-Dichloroethane	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)	NS	ND(0.0055)
1,2-Dichloroethane	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)	NS	ND(0.0055)
2-Butanone	NS	ND(0.012)	ND(0.011)	ND(0.013)	NS	ND(0.011)
2-Chloroethylvinylether	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)	NS	ND(0.0055)
Acetone	NS	ND(0.023)	0.013 J	0.056	NS	0.027
Benzene	NS	ND(0.00580)	ND(0.00570)	ND(0.0064)	NS	ND(0.0055)
Carbon Disulfide	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)	NS	ND(0.0055)
Chlorobenzene	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)	NS	ND(0.0055)
Ethylbenzene	NS	ND(0.00580)	ND(0.00570)	ND(0.0064)	NS	ND(0.0055)
Methylene Chloride	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)	NS	ND(0.0055)
Styrene	NS	ND(0.00580)	ND(0.00570)	ND(0.0064)	NS	ND(0.0055)
Tetrachloroethene	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)	NS	ND(0.0055)
Toluene	NS	ND(0.00580)	ND(0.00570)	ND(0.0064)	NS	ND(0.0055)
Trichloroethene	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)	NS	ND(0.0055)
Trichlorofluoromethane	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)	NS	ND(0.0055)
Xylenes (total)	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)	NS	ND(0.0055)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
1,2,4-Trichlorobenzene	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
1,2-Dichlorobenzene	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
1,2-Diphenylhydrazine	ND(0.43)	NS	ND(0.49)	ND(0.59)	ND(0.44)	NS
1,3-Dichlorobenzene	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
1,3-Dinitrobenzene	ND(0.780)	NS	ND(0.760)	ND(0.850)	ND(0.740)	NS
1,4-Dichlorobenzene	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
2,4-Dimethylphenol	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
2-Chloronaphthalene	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
2-Chlorophenol	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
2-Methylnaphthalene	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
2-Methylphenol	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
2-Nitroaniline	ND(2.10)	NS	ND(2.40)	ND(3.00)	ND(2.20)	NS
3&4-Methylphenol	ND(0.780)	NS	ND(0.760)	ND(0.850)	ND(0.740)	NS
4-Chloroaniline	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
4-Chlorobenzilate	ND(0.780)	NS	ND(0.760)	ND(0.850)	ND(0.740)	NS
4-Phenylenediamine	ND(0.780)	NS	ND(0.76) J	ND(0.850)	ND(0.740)	NS
Acenaphthene	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
Acenaphthylene	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
Acetophenone	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
Aniline	ND(0.430)	NS	ND(0.490)	1.10	ND(0.440)	NS
Anthracene	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
Benzo(a)anthracene	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
Benzo(a)pyrene	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
Benzo(b)fluoranthene	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
Benzo(g,h,i)perylene	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
Benzo(k)fluoranthene	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
Benzyl Alcohol	ND(0.850)	NS	ND(0.980)	ND(1.20)	ND(0.880)	NS
bis(2-Ethylhexyl)phthalate	ND(0.380)	NS	ND(0.370)	ND(0.420)	ND(0.360)	NS
Chrysene	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
Dibenzo(a,h)anthracene	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
Dibenzofuran	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
Diethylphthalate	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
Dimethylphthalate	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
Di-n-Butylphthalate	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
Diphenylamine	ND(0.43)	NS	ND(0.49)	ND(0.59)	ND(0.44)	NS
Fluoranthene	ND(0.430)	NS	ND(0.490)	0.320 J	ND(0.440)	NS
Fluorene	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
Hexachlorobenzene	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
Indeno(1,2,3-cd)pyrene	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
Naphthalene	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
Nitrobenzene	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
N-Nitrosodiphenylamine	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
o-Toluidine	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	4D / RAA4-H34 / 1-6 / 06/06/02	4D / RAA4-H34 / 2-4 / 06/06/02	4D / RAA4-H35 / 0-1 / 04/23/02	4D / RAA4-I33 / 0-1 / 06/06/02	4D / RAA4-I33 / 6-15 / 06/06/02	4D / RAA4-I33 / 8-10 / 06/06/02
Semivolatile Organics (continued)						
Pentachlorobenzene	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
Pentachlorophenol	ND(2.10)	NS	ND(2.40)	ND(3.00)	ND(2.20)	NS
Phenanthrene	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
Phenol	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
Pyrene	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
Pyridine	ND(0.430)	NS	ND(0.490)	ND(0.590)	ND(0.440)	NS
Furans						
2,3,7,8-TCDF	0.00010 Y	NS	0.000041 Y	0.00033 Y	0.00000014 J	NS
TCDFs (total)	0.00071	NS	0.00023	0.0024 I	0.00000014	NS
1,2,3,7,8-PeCDF	0.000059	NS	0.000015	0.00017	ND(0.000000062) X	NS
2,3,4,7,8-PeCDF	0.000067	NS	0.000014	0.00015	ND(0.000000080)	NS
PeCDFs (total)	0.00060 I	NS	0.00016 X	0.0016 QI	ND(0.000000080)	NS
1,2,3,4,7,8-HxCDF	0.000048	NS	0.000017	0.00016	ND(0.00000028)	NS
1,2,3,6,7,8-HxCDF	0.000030	NS	0.0000094	0.000087	ND(0.000000058) X	NS
1,2,3,7,8,9-HxCDF	0.0000065	NS	ND(0.0000014) X	0.000019	ND(0.00000028)	NS
2,3,4,6,7,8-HxCDF	0.000032	NS	0.0000088	0.000093	ND(0.00000028)	NS
HxCDFs (total)	0.00036	NS	0.00013	0.0012	ND(0.00000021)	NS
1,2,3,4,6,7,8-HpCDF	0.000037	NS	0.000022	0.00019	0.00000011 J	NS
1,2,3,4,7,8,9-HpCDF	0.0000058	NS	0.0000023 J	0.000026	ND(0.00000028)	NS
HpCDFs (total)	0.000072	NS	0.000042	0.00040	0.00000011	NS
OCDF	0.000021	NS	0.000011	0.00018	0.00000018 J	NS
Dioxins						
2,3,7,8-TCDD	0.00000081 J	NS	ND(0.00000036) X	0.0000027	ND(0.00000011)	NS
TCDDs (total)	0.0000080	NS	0.0000016	0.000042	ND(0.00000017)	NS
1,2,3,7,8-PeCDD	ND(0.0000018) X	NS	ND(0.00000073) X	ND(0.0000087) X	ND(0.00000028)	NS
PeCDDs (total)	0.0000061	NS	ND(0.0000023) X	0.000017	ND(0.00000028)	NS
1,2,3,4,7,8-HxCDD	0.0000011 J	NS	ND(0.00000041) X	0.0000040	ND(0.00000028)	NS
1,2,3,6,7,8-HxCDD	0.0000036	NS	ND(0.00000060) X	0.0000092	ND(0.00000028)	NS
1,2,3,7,8,9-HxCDD	0.0000017 J	NS	0.00000069 J	0.0000048	ND(0.00000028)	NS
HxCDDs (total)	0.000028	NS	0.0000047	0.000077	ND(0.00000030)	NS
1,2,3,4,6,7,8-HpCDD	0.000019	NS	0.0000061	0.00013	ND(0.00000035) X	NS
HpCDDs (total)	0.000034	NS	0.000014	0.00024	0.00000023	NS
OCDD	0.000083	NS	0.000032	0.00095	ND(0.0000026)	NS
Total TEQs (WHO TEFs)	0.000061	NS	0.000016	0.00016	0.00000032	NS
Inorganics						
Antimony	0.970 B	NS	1.50 B	1.20 B	ND(6.00)	NS
Arsenic	5.80	NS	4.70	7.40	3.50	NS
Barium	33.0	NS	22.0	34.0	ND(20.0)	NS
Beryllium	ND(0.500)	NS	0.160 B	ND(0.500)	ND(0.500)	NS
Cadmium	ND(0.500)	NS	0.510	ND(0.500)	ND(0.500)	NS
Chromium	9.50 J	NS	5.10	9.60 J	6.40 J	NS
Cobalt	7.40	NS	6.40	9.00	8.00	NS
Copper	23.0	NS	110	43.0	15.0	NS
Cyanide	ND(0.120)	NS	ND(0.230)	0.370	ND(0.110)	NS
Lead	20.0 J	NS	16.0	43.0 J	6.20 J	NS
Mercury	ND(0.120)	NS	ND(0.110)	0.270	ND(0.110)	NS
Nickel	11.0	NS	12.0	17.0	12.0	NS
Selenium	ND(1.00) J	NS	ND(1.00)	0.600 J	ND(1.00) J	NS
Silver	ND(1.00)	NS	ND(1.00)	ND(1.00)	ND(1.00)	NS
Sulfide	20.0	NS	11.0	24.0	10.0	NS
Thallium	ND(1.20) J	NS	ND(1.10) J	ND(1.30) J	ND(1.10) J	NS
Tin	ND(3.70)	NS	ND(10.0)	ND(4.90)	ND(3.30)	NS
Vanadium	11.0	NS	10.0	22.0	6.20	NS
Zinc	46.0 J	NS	45.0	100 J	36.0 J	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	4D RAA4-I34 0-1 06/06/02	4D RAA4-I35 1-6 06/06/02	4D RAA4-K33 0-1 06/06/02	4E RAA4-I30 0-1 06/25/02	4E RAA4-J28 0-1 06/25/02
Volatile Organics					
1,1,1-Trichloroethane	ND(0.0080)	NS	ND(0.0059)	ND(0.0059)	ND(0.0054)
1,1-Dichloroethane	ND(0.0080)	NS	ND(0.0059)	ND(0.0059)	ND(0.0054)
1,2-Dichloroethane	ND(0.0080)	NS	ND(0.0059)	ND(0.0059)	ND(0.0054)
2-Butanone	ND(0.016)	NS	ND(0.012)	ND(0.012)	ND(0.011)
2-Chloroethylvinylether	ND(0.0080)	NS	ND(0.0059)	ND(0.0059)	ND(0.0054)
Acetone	ND(0.032)	NS	ND(0.023)	ND(0.023)	ND(0.022)
Benzene	ND(0.0080)	NS	ND(0.00590)	ND(0.00590)	ND(0.00540)
Carbon Disulfide	ND(0.0080)	NS	ND(0.0059)	ND(0.0059)	ND(0.0054)
Chlorobenzene	ND(0.0080)	NS	ND(0.0059)	ND(0.0059)	ND(0.0054)
Ethylbenzene	ND(0.0080)	NS	ND(0.00590)	ND(0.00590)	ND(0.00540)
Methylene Chloride	ND(0.0080)	NS	ND(0.0059)	ND(0.0059)	ND(0.0054)
Styrene	ND(0.0080)	NS	ND(0.00590)	ND(0.00590)	ND(0.00540)
Tetrachloroethene	ND(0.0080)	NS	ND(0.0059)	ND(0.0059)	ND(0.0054)
Toluene	ND(0.0080)	NS	ND(0.00590)	ND(0.00590)	ND(0.00540)
Trichloroethene	ND(0.0080)	NS	ND(0.0059)	ND(0.0059)	ND(0.0054)
Trichlorofluoromethane	ND(0.0080)	NS	ND(0.0059)	ND(0.0059)	ND(0.0054)
Xylenes (total)	ND(0.0080)	NS	ND(0.0059)	ND(0.0059)	ND(0.0054)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(2.70)	NS	ND(0.430)	ND(0.390)	ND(0.360)
1,2,4-Trichlorobenzene	ND(2.70)	NS	ND(0.430)	ND(0.390)	0.180 J
1,2-Dichlorobenzene	ND(2.70)	NS	ND(0.430)	ND(0.390)	ND(0.360)
1,2-Diphenylhydrazine	ND(2.7)	NS	ND(0.43)	ND(0.39)	ND(0.36)
1,3-Dichlorobenzene	ND(2.70)	NS	ND(0.430)	ND(0.390)	0.260 J
1,3-Dinitrobenzene	ND(2.70)	NS	ND(0.790)	ND(0.790)	ND(0.720)
1,4-Dichlorobenzene	ND(2.70)	NS	ND(0.430)	ND(0.390)	0.680
2,4-Dimethylphenol	ND(2.70)	NS	ND(0.430)	ND(0.390)	ND(0.360)
2-Chloronaphthalene	ND(2.70)	NS	ND(0.430)	ND(0.390)	ND(0.360)
2-Chlorophenol	ND(2.70)	NS	ND(0.430)	ND(0.390)	ND(0.360)
2-Methylnaphthalene	ND(2.70)	NS	ND(0.430)	ND(0.390)	ND(0.360)
2-Methylphenol	ND(2.70)	NS	ND(0.430)	ND(0.390)	0.160 J
2-Nitroaniline	ND(14.0)	NS	ND(2.20)	ND(2.00)	ND(1.80)
3&4-Methylphenol	ND(2.70)	NS	ND(0.790)	ND(0.790)	ND(0.720)
4-Chloroaniline	ND(2.70)	NS	ND(0.430)	ND(0.390)	ND(0.360)
4-Chlorobenzilate	ND(2.70)	NS	ND(0.790)	ND(0.790)	ND(0.720)
4-Phenylenediamine	ND(2.70)	NS	ND(0.790)	ND(0.79) J	ND(0.72) J
Acenaphthene	ND(2.70)	NS	ND(0.430)	ND(0.390)	ND(0.360)
Acenaphthylene	ND(2.70)	NS	ND(0.430)	ND(0.390)	ND(0.360)
Acetophenone	ND(2.70)	NS	ND(0.430)	ND(0.390)	ND(0.360)
Aniline	ND(2.70)	NS	ND(0.430)	ND(0.390)	3.40
Anthracene	ND(2.70)	NS	ND(0.430)	ND(0.390)	ND(0.360)
Benzo(a)anthracene	ND(2.70)	NS	ND(0.430)	0.450	0.150 J
Benzo(a)pyrene	ND(2.70)	NS	ND(0.430)	0.570	0.180 J
Benzo(b)fluoranthene	ND(2.70)	NS	ND(0.430)	0.490	0.200 J
Benzo(g,h,i)perylene	ND(2.70)	NS	ND(0.430)	0.410	0.180 J
Benzo(k)fluoranthene	ND(2.70)	NS	ND(0.430)	0.480	0.180 J
Benzyl Alcohol	ND(5.50)	NS	ND(0.860)	ND(0.79) J	ND(0.72) J
bis(2-Ethylhexyl)phthalate	ND(1.40)	NS	ND(0.390)	ND(0.390)	0.530
Chrysene	ND(2.70)	NS	ND(0.430)	0.500	0.200 J
Dibenzo(a,h)anthracene	ND(2.70)	NS	ND(0.430)	ND(0.390)	ND(0.360)
Dibenzofuran	ND(2.70)	NS	ND(0.430)	ND(0.390)	ND(0.360)
Diethylphthalate	ND(2.70)	NS	ND(0.430)	ND(0.390)	ND(0.360)
Dimethylphthalate	ND(2.70)	NS	ND(0.430)	0.520	ND(0.360)
Di-n-Butylphthalate	ND(2.70)	NS	ND(0.430)	ND(0.390)	0.520
Diphenylamine	ND(2.7)	NS	ND(0.43)	ND(0.39)	ND(0.36)
Fluoranthene	ND(2.70)	NS	ND(0.430)	1.00	0.360
Fluorene	ND(2.70)	NS	ND(0.430)	ND(0.390)	ND(0.360)
Hexachlorobenzene	ND(2.70)	NS	ND(0.430)	ND(0.390)	ND(0.360)
Indeno(1,2,3-cd)pyrene	ND(2.70)	NS	ND(0.430)	0.330 J	0.100 J
Naphthalene	ND(2.70)	NS	ND(0.430)	ND(0.390)	ND(0.360)
Nitrobenzene	ND(2.70)	NS	ND(0.430)	ND(0.390)	ND(0.360)
N-Nitrosodiphenylamine	ND(2.70)	NS	ND(0.430)	ND(0.390)	ND(0.360)
o-Toluidine	ND(2.70)	NS	ND(0.430)	ND(0.390)	ND(0.360)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4D RAA4-I34 0-1 06/06/02	4D RAA4-I35 1-6 06/06/02	4D RAA4-K33 0-1 06/06/02	4E RAA4-I30 0-1 06/25/02	4E RAA4-J28 0-1 06/25/02
Semivolatile Organics (continued)						
Pentachlorobenzene		ND(2.70)	NS	ND(0.430)	ND(0.390)	0.100 J
Pentachlorophenol		ND(14.0)	NS	ND(2.20)	ND(2.00)	ND(1.80)
Phenanthrene		ND(2.70)	NS	ND(0.430)	0.330 J	0.270 J
Phenol		ND(2.70)	NS	ND(0.430)	ND(0.390)	1.60
Pyrene		ND(2.70)	NS	ND(0.430)	0.860	0.450
Pyridine		ND(2.70)	NS	ND(0.430)	ND(0.390)	ND(0.360)
Furans						
2,3,7,8-TCDF		0.000047 Y	ND(0.00000041) X	0.000011 Y	0.014 YEJ	0.000048 Y
TCDFs (total)		0.00032	0.0000011	0.000086	0.070 I	0.00043
1,2,3,7,8-PeCDF		0.000025	ND(0.00000021) X	0.0000044	0.010 EJ	0.000024
2,3,4,7,8-PeCDF		0.000024	ND(0.00000023) X	0.0000041	0.0073 EJ	0.000041
PeCDFs (total)		0.00026 I	0.0000012	0.000049	0.068 I	0.00044 Q
1,2,3,4,7,8-HxCDF		0.000022	ND(0.00000024) X	0.0000041	0.0064 EJ	0.000088
1,2,3,6,7,8-HxCDF		0.000013	ND(0.00000017) X	0.0000024 J	0.0039	0.000040
1,2,3,7,8,9-HxCDF		0.0000021 J	ND(0.00000028)	0.00000053 J	0.00089	0.0000089
2,3,4,6,7,8-HxCDF		0.000015	0.00000019 J	0.0000020 J	0.0028	0.000026
HxCDFs (total)		0.00019	0.00000097	0.000030	0.033	0.00046
1,2,3,4,6,7,8-HpCDF		0.000022	0.00000062 J	0.0000052	0.0024	0.000089
1,2,3,4,7,8,9-HpCDF		0.0000032	ND(0.000000099) X	0.00000074 J	0.00065	0.000022
HpCDFs (total)		0.000044	0.00000069	0.0000086	0.0048	0.00018
OCDF		0.000016	ND(0.00000066) X	0.0000044 J	0.0010	0.00022
Dioxins						
2,3,7,8-TCDD		0.00000042 J	ND(0.00000013)	ND(0.00000019) X	0.00017	0.00000042 J
TCDDs (total)		0.0000046	ND(0.00000013)	0.0000016	0.00089 Q	0.0000099
1,2,3,7,8-PeCDD		ND(0.0000022) X	ND(0.00000028)	ND(0.00000027) X	0.00031	ND(0.0000010) X
PeCDDs (total)		0.0000046	ND(0.00000040)	0.0000011	0.0012 Q	0.0000034 Q
1,2,3,4,7,8-HxCDD		0.00000055 J	ND(0.00000028)	ND(0.00000028)	0.00014	0.0000011 J
1,2,3,6,7,8-HxCDD		0.00000073 J	ND(0.00000028)	0.00000020 J	0.000092	0.0000020 J
1,2,3,7,8,9-HxCDD		0.00000054 J	ND(0.00000028)	ND(0.00000028)	0.000043	0.0000013 J
HxCDDs (total)		0.0000052	ND(0.00000055)	0.0000014	0.00076	0.000025
1,2,3,4,6,7,8-HpCDD		0.0000063	ND(0.00000089) X	0.0000019 J	0.000092	0.000020
HpCDDs (total)		0.000014	0.00000051	0.0000035	0.00016	0.000041
OCDD		0.000036	ND(0.0000037)	0.000012	0.00016	0.00012
Total TEQs (WHO TEFs)		0.000025	0.00000040	0.0000046	0.0075	0.000045
Inorganics						
Antimony		1.90 B	NS	ND(6.00)	ND(6.00)	1.30 B
Arsenic		6.70	NS	5.00	16.0	4.80
Barium		30.0	NS	28.0	40.0	ND(20.0)
Beryllium		0.160 B	NS	ND(0.500)	ND(0.500) J	0.140 J
Cadmium		ND(0.500)	NS	0.0970 B	0.140 J	ND(0.500) J
Chromium		6.40 J	NS	8.70 J	11.0	21.0
Cobalt		8.00	NS	9.00	7.90	7.10
Copper		23.0	NS	19.0	24.0	150
Cyanide		0.520	NS	ND(0.120)	0.0980 B	ND(0.110)
Lead		16.0 J	NS	12.0 J	49.0	42.0
Mercury		0.200	NS	ND(0.120)	0.120 J	12.0
Nickel		12.0	NS	14.0	16.0	25.0
Selenium		ND(1.20) J	NS	ND(1.00) J	ND(1.00) J	ND(1.00) J
Silver		ND(1.20)	NS	ND(1.00)	ND(1.00) J	0.570 J
Sulfide		15.0	NS	21.0	30.0	28.0
Thallium		ND(1.60) J	NS	ND(1.20) J	1.10 J	1.00 J
Tin		ND(4.90)	NS	ND(4.30)	ND(10.0)	ND(10.0)
Vanadium		11.0	NS	10.0	14.0	9.60
Zinc		100 J	NS	51.0 J	330	220

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:			
	4E / RAA4-J30 / 0-1 / 06/25/02	4E / RAA4-K27 / 1-3 / 06/17/02	4E / RAA4-K27 / 6-15 / 06/17/02	4E / RAA4-K27 / 10-12 / 06/17/02
Volatile Organics				
1,1,1-Trichloroethane	ND(0.0056)	ND(0.0058)	NS	ND(0.037) [ND(0.037)]
1,1-Dichloroethane	ND(0.0056)	ND(0.0058)	NS	ND(0.037) [ND(0.037)]
1,2-Dichloroethane	ND(0.0056)	ND(0.0058)	NS	ND(0.037) [ND(0.037)]
2-Butanone	ND(0.011)	ND(0.012)	NS	ND(0.037) [ND(0.037)]
2-Chloroethylvinylether	ND(0.0056)	ND(0.0058)	NS	ND(0.037) [ND(0.037)]
Acetone	ND(0.023)	0.038 J	NS	0.097 [ND(0.074)]
Benzene	ND(0.00560)	0.011 J	NS	0.14 J [0.074 J]
Carbon Disulfide	ND(0.0056)	ND(0.0058)	NS	ND(0.037) [ND(0.037)]
Chlorobenzene	ND(0.0056)	22 J	NS	33 [29]
Ethylbenzene	ND(0.00560)	0.0095 J	NS	0.44 J [0.25 J]
Methylene Chloride	ND(0.0056)	ND(0.0058)	NS	ND(0.037) [ND(0.037)]
Styrene	ND(0.00560)	ND(0.0058) J	NS	ND(0.0370) [ND(0.0370)]
Tetrachloroethene	ND(0.0056)	0.081 J	NS	ND(0.037) [ND(0.037)]
Toluene	ND(0.00560)	0.010 J	NS	ND(0.0370) [ND(0.0370)]
Trichloroethene	ND(0.0056)	0.010 J	NS	ND(0.037) [ND(0.037)]
Trichlorofluoromethane	ND(0.0056)	ND(0.0058)	NS	ND(0.037) [ND(0.037)]
Xylenes (total)	ND(0.0056)	0.040 J	NS	ND(0.037) [ND(0.037)]
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.370)	R	ND(0.490) [ND(0.490)]	NS
1,2,4-Trichlorobenzene	ND(0.370)	0.12 J	ND(0.490) [ND(0.490)]	NS
1,2-Dichlorobenzene	ND(0.370)	0.10 J	0.230 J [ND(0.490)]	NS
1,2-Diphenylhydrazine	ND(0.37)	R	ND(0.49) [ND(0.49)]	NS
1,3-Dichlorobenzene	ND(0.370)	0.14 J	0.36 J [0.11 J]	NS
1,3-Dinitrobenzene	ND(0.760)	R	ND(0.990) [ND(0.990)]	NS
1,4-Dichlorobenzene	ND(0.370)	0.36 J	0.93 J [0.12 J]	NS
2,4-Dimethylphenol	ND(0.370)	R	ND(0.490) [ND(0.490)]	NS
2-Chloronaphthalene	ND(0.370)	R	ND(0.490) [ND(0.490)]	NS
2-Chlorophenol	ND(0.370)	R	2.10 [ND(0.490)]	NS
2-Methylnaphthalene	ND(0.370)	R	3.50 [ND(0.490)]	NS
2-Methylphenol	ND(0.370)	R	ND(0.490) [ND(0.490)]	NS
2-Nitroaniline	ND(1.90)	R	ND(2.50) [ND(2.50)]	NS
3&4-Methylphenol	ND(0.760)	R	ND(0.990) [ND(0.990)]	NS
4-Chloroaniline	ND(0.370)	R	ND(0.490) [ND(0.490)]	NS
4-Chlorobenzilate	ND(0.760)	R	ND(0.990) [ND(0.990)]	NS
4-Phenylenediamine	ND(0.76) J	R	ND(0.99) J [ND(0.99) J]	NS
Acenaphthene	ND(0.370)	R	ND(0.490) [ND(0.490)]	NS
Acenaphthylene	ND(0.370)	R	ND(0.490) [ND(0.490)]	NS
Acetophenone	ND(0.370)	R	ND(0.490) [ND(0.490)]	NS
Aniline	ND(0.370)	0.64 J	ND(0.490) [ND(0.490)]	NS
Anthracene	ND(0.370)	R	ND(0.490) [ND(0.490)]	NS
Benzo(a)anthracene	ND(0.370)	R	ND(0.490) [ND(0.490)]	NS
Benzo(a)pyrene	ND(0.370)	R	0.580 [ND(0.490)]	NS
Benzo(b)fluoranthene	ND(0.370)	0.088 J	ND(0.490) [ND(0.490)]	NS
Benzo(g,h,i)perylene	ND(0.370)	0.098 J	ND(0.490) [ND(0.490)]	NS
Benzo(k)fluoranthene	ND(0.370)	0.077 J	ND(0.490) [ND(0.490)]	NS
Benzyl Alcohol	ND(0.76) J	R	ND(0.990) [ND(0.990)]	NS
bis(2-Ethylhexyl)phthalate	ND(0.370)	0.35 J	ND(0.490) [ND(0.480)]	NS
Chrysene	ND(0.370)	R	ND(0.490) [ND(0.490)]	NS
Dibenzo(a,h)anthracene	ND(0.370)	R	ND(0.490) [ND(0.490)]	NS
Dibenzofuran	ND(0.370)	R	ND(0.490) [ND(0.490)]	NS
Diethylphthalate	ND(0.370)	R	ND(0.490) [ND(0.490)]	NS
Dimethylphthalate	ND(0.370)	R	ND(0.490) [ND(0.490)]	NS
Di-n-Butylphthalate	ND(0.370)	R	ND(0.490) [ND(0.490)]	NS
Diphenylamine	ND(0.37)	R	ND(0.49) [ND(0.49)]	NS
Fluoranthene	ND(0.370)	0.094 J	ND(0.490) [ND(0.490)]	NS
Fluorene	ND(0.370)	R	0.340 J [ND(0.490)]	NS
Hexachlorobenzene	ND(0.370)	R	ND(0.490) [0.520]	NS
Indeno(1,2,3-cd)pyrene	ND(0.370)	R	ND(0.490) [ND(0.490)]	NS
Naphthalene	ND(0.370)	R	2.00 [ND(0.490)]	NS
Nitrobenzene	ND(0.370)	R	ND(0.490) [ND(0.490)]	NS
N-Nitrosodiphenylamine	ND(0.370)	R	ND(0.490) [ND(0.490)]	NS
o-Toluidine	ND(0.370)	R	ND(0.490) [ND(0.490)]	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E / RAA4-J30 / 0-1 / 06/25/02	4E / RAA4-K27 / 1-3 / 06/17/02	4E / RAA4-K27 / 6-15 / 06/17/02	4E / RAA4-K27 / 10-12 / 06/17/02
Semivolatile Organics (continued)					
Pentachlorobenzene		ND(0.370)	R	ND(0.490) [0.220 J]	NS
Pentachlorophenol		ND(1.90)	R	2.70 [ND(2.50)]	NS
Phenanthrene		ND(0.370)	R	ND(0.490) [ND(0.490)]	NS
Phenol		ND(0.370)	0.70 J	1.90 [ND(0.490)]	NS
Pyrene		ND(0.370)	0.21 J	ND(0.490) [ND(0.490)]	NS
Pyridine		ND(0.370)	R	ND(0.490) [ND(0.490)]	NS
Furans					
2,3,7,8-TCDF		0.000077 Y	0.00023 Y	0.000053 YJ [0.000030 YJ]	NS
TCDFs (total)		0.00044	0.0014 QI	0.00046 [0.00027]	NS
1,2,3,7,8-PeCDF		0.000057	0.00011	0.000018 [0.000012]	NS
2,3,4,7,8-PeCDF		0.000059	0.00028 Q	0.000068 I [0.000042 I]	NS
PeCDFs (total)		0.00046 I	0.0024 QI	0.00060 I J [0.00034 I J]	NS
1,2,3,4,7,8-HxCDF		0.000039	0.00089	0.00035 J [0.00020 J]	NS
1,2,3,6,7,8-HxCDF		0.000024	0.00015	0.000032 [0.000020]	NS
1,2,3,7,8,9-HxCDF		0.0000055	0.000093	0.000036 J [0.000020 J]	NS
2,3,4,6,7,8-HxCDF		0.000020	0.00025	0.000040 [0.000024]	NS
HxCDFs (total)		0.00022	0.0040	0.00097 J [0.00055 J]	NS
1,2,3,4,6,7,8-HpCDF		0.000019	0.00086	0.00033 J [0.00019 J]	NS
1,2,3,4,7,8,9-HpCDF		0.0000040	0.00043	0.00020 [0.00012]	NS
HpCDFs (total)		0.000034	0.0032	0.0013 J [0.00076 J]	NS
OCDF		0.0000092	0.0051 EJ	0.0022 J [0.0013 J]	NS
Dioxins					
2,3,7,8-TCDD		0.00000062 J	0.0000024 Q	ND(0.00000045) X [ND(0.00000026) X]	NS
TCDDs (total)		0.0000061	0.000043 Q	0.000013 [0.0000088]	NS
1,2,3,7,8-PeCDD		0.0000012 J	ND(0.000026) X	ND(0.0000028) X [ND(0.0000019) X]	NS
PeCDDs (total)		0.0000061	0.000023 Q	ND(0.0000011) [0.0000014]	NS
1,2,3,4,7,8-HxCDD		0.00000063 J	0.0000056	ND(0.00000062) [ND(0.00000037)]	NS
1,2,3,6,7,8-HxCDD		0.00000061 J	0.000033	0.0000042 J [0.0000021 J]	NS
1,2,3,7,8,9-HxCDD		ND(0.00000032) X	0.000014	0.0000015 J [0.00000082 J]	NS
HxCDDs (total)		0.0000057	0.00041	0.000069 J [0.000033 J]	NS
1,2,3,4,6,7,8-HpCDD		0.0000018 J	0.0013 EJ	0.00011 J [0.000054 J]	NS
HpCDDs (total)		0.0000035	0.0031	0.00026 J [0.00012 J]	NS
OCDD		ND(0.0000077)	0.016 EJ	0.0014 J [0.00064 J]	NS
Total TEQs (WHO TEFs)		0.000051	0.00036	0.000095 [0.000056]	NS
Inorganics					
Antimony		ND(6.00)	ND(6.00)	ND(6.00) [ND(6.00)]	NS
Arsenic		5.10	8.40	1.90 [2.50]	NS
Barium		20.0	120	47.0 [31.0]	NS
Beryllium		ND(0.500) J	ND(0.500)	ND(0.500) [ND(0.500)]	NS
Cadmium		ND(0.500) J	1.20	ND(0.500) [ND(0.500)]	NS
Chromium		7.70	26.0	12.0 [9.50]	NS
Cobalt		5.80	6.80	7.30 [7.80]	NS
Copper		14.0	360 J	13.0 J [13.0 J]	NS
Cyanide		ND(0.110)	0.160 J	ND(0.150) J [ND(0.150) J]	NS
Lead		9.80	110	8.30 [10.0]	NS
Mercury		ND(0.110) J	14.0	ND(0.150) J [ND(0.150) J]	NS
Nickel		11.0	29.0	13.0 [12.0]	NS
Selenium		ND(1.00) J	ND(1.00) J	ND(1.10) J [ND(1.10) J]	NS
Silver		ND(1.00) J	ND(1.00)	ND(1.10) [ND(1.10)]	NS
Sulfide		31.0	170 J	88.0 J [40.0 J]	NS
Thallium		ND(1.70) J	ND(1.70) J	ND(2.20) J [ND(2.20) J]	NS
Tin		ND(3.70)	28.0 J	ND(5.10) [ND(5.30)]	NS
Vanadium		8.50	42.0	12.0 [11.0]	NS
Zinc		40.0	2800 J	120 J [210 J]	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area:	4E	4E	4E	4E	4E	4E
Sample ID:	RAA4-K29	RAA4-K30	RAA4-K31	RAA4-L28	RAA4-L31	RAA4-M8
Sample Depth(Feet):	10-12	0-1	3-6	0-1	0-1	0-1
Parameter Date Collected:	05/29/02	04/22/02	06/17/02	06/25/02	06/25/02	06/25/02
Volatile Organics						
1,1,1-Trichloroethane	0.074	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)
1,1-Dichloroethane	0.040	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)
1,2-Dichloroethane	ND(0.032)	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)
2-Butanone	ND(0.032)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)
2-Chloroethylvinylether	ND(0.032)	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)
Acetone	0.044 J	ND(0.022)	0.0081 J	ND(0.022)	ND(0.022)	ND(0.023)
Benzene	0.0400	ND(0.00560)	ND(0.00560)	ND(0.00540)	ND(0.00560)	ND(0.00570)
Carbon Disulfide	ND(0.032)	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)
Chlorobenzene	13	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)
Ethylbenzene	0.0400	ND(0.00560)	ND(0.00560)	ND(0.00540)	ND(0.00560)	ND(0.00570)
Methylene Chloride	ND(0.032)	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)
Styrene	ND(0.0320)	ND(0.00560)	ND(0.00560)	ND(0.00540)	ND(0.00560)	ND(0.00570)
Tetrachloroethene	ND(0.032)	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)
Toluene	ND(0.0320)	ND(0.00560)	ND(0.00560)	ND(0.00540)	ND(0.00560)	ND(0.00570)
Trichloroethene	ND(0.032)	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)
Trichlorofluoromethane	ND(0.032)	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)
Xylenes (total)	0.10	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	21.0	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)
1,2,4-Trichlorobenzene	160	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)
1,2-Dichlorobenzene	6.90	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)
1,2-Diphenylhydrazine	ND(5.0)	ND(0.37)	ND(0.37)	ND(0.36)	ND(0.37)	0.15 J
1,3-Dichlorobenzene	18.0	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)
1,3-Dinitrobenzene	ND(5.00)	ND(0.740)	ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)
1,4-Dichlorobenzene	340	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)
2,4-Dimethylphenol	ND(5.00)	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	3.50
2-Chloronaphthalene	ND(5.00)	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)
2-Chlorophenol	ND(5.00)	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)
2-Methylnaphthalene	ND(5.00)	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	0.150 J
2-Methylphenol	ND(5.00)	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	5.10
2-Nitroaniline	ND(25) J	ND(1.90)	ND(1.90)	ND(1.80)	ND(1.90)	0.840 J
3&4-Methylphenol	ND(5.00)	ND(0.740)	ND(0.760)	ND(0.730)	ND(0.750)	4.60
4-Chloroaniline	ND(5.00)	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)
4-Chlorobenzilate	ND(5.00)	ND(0.740)	ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)
4-Phenylenediamine	ND(5.0) J	ND(0.74) J	ND(0.76) J	ND(0.73) J	ND(0.75) J	ND(0.76) J
Acenaphthene	3.70 J	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	1.00
Acenaphthylene	ND(5.00)	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	0.140 J
Acetophenone	ND(5.00)	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	0.300 J
Aniline	ND(5.00)	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	270
Anthracene	ND(5.00)	0.240 J	ND(0.370)	ND(0.360)	ND(0.370)	1.10
Benzo(a)anthracene	ND(5.00)	1.30	ND(0.370)	ND(0.360)	0.110 J	3.60
Benzo(a)pyrene	ND(5.00)	0.970	ND(0.370)	0.110 J	0.220 J	4.80
Benzo(b)fluoranthene	ND(5.00)	1.00	ND(0.370)	ND(0.360)	ND(0.360)	5.20
Benzo(g,h,i)perylene	ND(5.00)	0.730	ND(0.370)	ND(0.360)	ND(0.370)	3.00
Benzo(k)fluoranthene	ND(5.00)	0.860	ND(0.370)	ND(0.360)	0.140 J	3.90
Benzyl Alcohol	ND(10.0)	ND(0.740)	ND(0.760)	ND(0.73) J	ND(0.75) J	ND(0.76) J
bis(2-Ethylhexyl)phthalate	6.40	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	0.380
Chrysene	ND(5.00)	1.50	ND(0.370)	0.120 J	0.140 J	3.70
Dibenzo(a,h)anthracene	ND(5.00)	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	1.30
Dibenzofuran	ND(5.00)	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	0.380
Diethylphthalate	ND(5.00)	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)
Dimethylphthalate	ND(5.00)	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)
Di-n-Butylphthalate	ND(5.00)	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	2.30
Diphenylamine	ND(5.0)	ND(0.37)	ND(0.37)	ND(0.36)	ND(0.37)	ND(0.38)
Fluoranthene	ND(5.00)	3.40	ND(0.370)	0.160 J	0.280 J	8.30
Fluorene	ND(5.00)	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	0.620
Hexachlorobenzene	ND(5.00)	ND(0.370)	0.0950 J	ND(0.360)	ND(0.370)	ND(0.380)
Indeno(1,2,3-cd)pyrene	ND(5.00)	0.590	ND(0.370)	ND(0.360)	ND(0.370)	3.10
Naphthalene	2.20 J	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	0.400
Nitrobenzene	ND(5.00)	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)
N-Nitrosodiphenylamine	ND(5.00)	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)
o-Toluidine	ND(5.00)	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	6.10

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4E	4E	4E	4E	4E	4E
	Sample ID:	RAA4-K29	RAA4-K30	RAA4-K31	RAA4-L28	RAA4-L31	RAA4-M8
	Sample Depth(Feet):	10-12	0-1	3-6	0-1	0-1	0-1
Parameter	Date Collected:	05/29/02	04/22/02	06/17/02	06/25/02	06/25/02	06/25/02
Semivolatile Organics (continued)							
Pentachlorobenzene		37.0	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)
Pentachlorophenol		ND(25.0)	ND(1.90)	ND(1.90)	ND(1.80)	ND(1.90)	ND(1.90)
Phenanthrene		ND(5.00)	1.40	ND(0.370)	ND(0.360)	ND(0.370)	5.50
Phenol		ND(5.00)	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	25.0
Pyrene		ND(5.00)	4.30	ND(0.370)	0.150 J	0.230 J	6.70
Pyridine		ND(5.00)	ND(0.370)	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)
Furans							
2,3,7,8-TCDF		NS	0.0021 Y	0.00018 Y	0.000016 Y	0.00011 Y	0.00018 Y
TCDFs (total)		NS	0.015	0.0011 I	0.00013	0.00064	0.0022 I
1,2,3,7,8-PeCDF		NS	ND(0.00040) X	0.00017	0.0000063	0.000092	0.00010
2,3,4,7,8-PeCDF		NS	0.0018	0.00026	0.0000095	0.00014	0.00028
PeCDFs (total)		NS	0.017	0.0016 QI	0.00011 Q	0.0011 QI	0.0040 Q
1,2,3,4,7,8-HxCDF		NS	0.0014	0.00041	0.000014	0.00013	0.00020
1,2,3,6,7,8-HxCDF		NS	0.0015	0.00012	0.0000062	0.000053	0.00014
1,2,3,7,8,9-HxCDF		NS	0.00014	0.00010	0.0000019 JQ	0.000033	0.000040
2,3,4,6,7,8-HxCDF		NS	0.0012	0.00012	0.0000072	0.000073	0.00034
HxCDFs (total)		NS	0.0059	0.0014	0.00010 Q	0.00089	0.0046
1,2,3,4,6,7,8-HpCDF		NS	0.00096	0.00020	0.000015	0.000071	0.00046
1,2,3,4,7,8,9-HpCDF		NS	0.00024	0.00014	0.0000027	0.000022	0.000049
HpCDFs (total)		NS	0.0018	0.00066	0.000028	0.00017	0.0011
OCDF		NS	0.00017	0.00092	0.000015	0.000064	0.00035
Dioxins							
2,3,7,8-TCDD		NS	0.000030	0.0000018	ND(0.00000013) X	ND(0.00000073) X	0.0000023 J
TCDDs (total)		NS	0.00014	0.000026	0.0000032	0.0000037	0.000046
1,2,3,7,8-PeCDD		NS	0.000053	ND(0.0000058) X	0.00000030 J	ND(0.0000040) X	ND(0.000010) X
PeCDDs (total)		NS	0.00015	0.000011	0.0000039 Q	0.0000048	0.000081 Q
1,2,3,4,7,8-HxCDD		NS	0.000028	0.0000041	0.00000034 J	0.0000021	0.000013
1,2,3,6,7,8-HxCDD		NS	0.000025	0.0000034	0.00000040 J	0.0000021	0.000018
1,2,3,7,8,9-HxCDD		NS	ND(0.000022) X	0.0000021 J	0.00000040 J	0.0000015 J	0.000014
HxCDDs (total)		NS	0.000092	0.000041	0.0000059 Q	0.000024	0.00026
1,2,3,4,6,7,8-HpCDD		NS	0.000034	0.000023	0.0000033	0.000022	0.00019
HpCDDs (total)		NS	0.000068	0.000043	0.0000062	0.000042	0.00057
OCDD		NS	0.00017	0.000085	0.000017	0.00013	0.0018
Total TEQs (WHO TEFs)		NS	0.0016	0.00024	0.000010	0.00012	0.00025
Inorganics							
Antimony		NS	ND(6.00)	ND(6.00)	1.10 B	ND(6.00)	11.0
Arsenic		NS	3.30	3.00	7.90	3.50	7.60
Barium		NS	43.0	ND(20.0)	28.0	21.0	53.0
Beryllium		NS	ND(0.500)	ND(0.500)	ND(0.500) J	ND(0.500) J	ND(0.500) J
Cadmium		NS	0.140 B	0.150 B	ND(0.500) J	ND(0.500) J	0.970 J
Chromium		NS	7.30	6.30	8.90	6.40	11.0
Cobalt		NS	9.10	6.70	10.0	7.30	6.20
Copper		NS	17.0	16.0 J	22.0	18.0	97.0
Cyanide		NS	ND(0.110)	ND(0.110) J	ND(0.110)	ND(0.110)	0.510
Lead		NS	10.0	8.00	11.0	57.0	73.0
Mercury		NS	0.140 J	ND(0.110) J	ND(0.110) J	ND(0.110) J	0.400
Nickel		NS	13.0	11.0	16.0	14.0	20.0
Selenium		NS	ND(1.00)	ND(1.00) J	ND(1.00) J	ND(1.00) J	ND(1.00) J
Silver		NS	ND(1.00)	ND(1.00)	ND(1.00) J	ND(1.00) J	0.540 J
Sulfide		NS	16.0	38.0 J	30.0	23.0	100
Thallium		NS	ND(1.10) J	ND(1.70) J	1.00 J	ND(1.70) J	ND(1.70) J
Tin		NS	3.40 B	ND(3.60)	ND(3.80)	ND(3.4)	ND(10.0)
Vanadium		NS	6.90	6.70	8.00	7.80	14.0
Zinc		NS	48.0	42.0 J	50.0	46.0	370

TABLE 2
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PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4E	4E	4E	4E	4E	4E
	Sample ID:	RAA4-M11	RAA4-M13	RAA4-M15	RAA4-M15	RAA4-M17	RAA4-M21
	Sample Depth(Feet):	0-1	1-3	0-1	3-6	0-1	0-1
Parameter	Date Collected:	07/02/02	06/28/02	07/08/02	07/08/02	06/10/02	06/13/02
Volatile Organics							
1,1,1-Trichloroethane		ND(0.0056)	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)
1,1-Dichloroethane		ND(0.0056)	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)
1,2-Dichloroethane		ND(0.0056)	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)
2-Butanone		ND(0.011)	ND(0.012)	ND(0.010)	ND(0.011)	ND(0.011)	ND(0.010)
2-Chloroethylvinylether		ND(0.0056)	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)
Acetone		ND(0.022)	ND(0.023)	ND(0.020)	ND(0.022)	ND(0.023)	ND(0.021) J
Benzene		ND(0.00560)	ND(0.00580)	ND(0.00500)	ND(0.00550)	ND(0.00570)	ND(0.00530)
Carbon Disulfide		ND(0.0056)	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)
Chlorobenzene		ND(0.0056)	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)
Ethylbenzene		ND(0.00560)	ND(0.00580)	ND(0.00500)	ND(0.00550)	ND(0.00570)	ND(0.00530)
Methylene Chloride		ND(0.0056)	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)
Styrene		ND(0.00560)	ND(0.00580)	ND(0.00500)	ND(0.00550)	ND(0.00570)	ND(0.00530)
Tetrachloroethene		ND(0.0056)	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)
Toluene		ND(0.00560)	ND(0.00580)	ND(0.00500)	ND(0.00550)	ND(0.00570)	0.0100
Trichloroethene		ND(0.0056)	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	0.011
Trichlorofluoromethane		ND(0.0056)	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)
Xylenes (total)		ND(0.0056)	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.410)	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)
1,2,4-Trichlorobenzene		ND(0.410)	0.480	ND(0.460)	ND(0.370)	ND(0.480)	0.710
1,2-Dichlorobenzene		ND(0.410)	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)
1,2-Diphenylhydrazine		ND(0.41)	ND(0.39) J	ND(0.46)	ND(0.37)	ND(0.48)	ND(0.35)
1,3-Dichlorobenzene		ND(0.410)	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)
1,3-Dinitrobenzene		ND(0.750)	ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)
1,4-Dichlorobenzene		ND(0.410)	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	0.140 J
2,4-Dimethylphenol		ND(0.410)	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)
2-Chloronaphthalene		ND(0.410)	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)
2-Chlorophenol		ND(0.410)	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)
2-Methylnaphthalene		0.100 J	ND(0.390)	ND(0.460)	0.0760 J	ND(0.480)	ND(0.350)
2-Methylphenol		ND(0.410)	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)
2-Nitroaniline		ND(2.00)	ND(2.00)	ND(2.30)	ND(1.90)	ND(2.40)	ND(1.80)
3&4-Methylphenol		ND(0.750)	ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)
4-Chloroaniline		ND(0.410)	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)
4-Chlorobenzilate		ND(0.750)	ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)
4-Phenylenediamine		ND(0.75) J	ND(0.78) J	ND(0.75) J	ND(0.74) J	ND(0.76) J	ND(0.71) J
Acenaphthene		0.190 J	0.220 J	0.400 J	0.780	ND(0.480)	ND(0.350)
Acenaphthylene		ND(0.410)	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)
Acetophenone		ND(0.410)	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)
Aniline		4.20	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)
Anthracene		0.380 J	0.460	0.310 J	0.610	ND(0.480)	0.0760 J
Benzo(a)anthracene		1.50	0.870	1.60	1.90	0.820	0.140 J
Benzo(a)pyrene		1.60	1.00	1.70	1.90	0.890	ND(0.350)
Benzo(b)fluoranthene		1.90	1.10	2.60	3.00	2.50	0.170 J
Benzo(g,h,i)perylene		1.30	ND(0.390)	0.530	0.980	2.60	0.0880 J
Benzo(k)fluoranthene		1.50	0.900	2.60	2.70	1.40	0.100 J
Benzyl Alcohol		ND(0.820)	ND(0.78) J	ND(0.930)	ND(0.740)	ND(0.970)	ND(0.710)
bis(2-Ethylhexyl)phthalate		ND(0.370)	ND(0.380)	ND(0.370)	ND(0.370)	ND(0.370)	ND(0.350)
Chrysene		1.50	1.00	2.10	2.00	2.00	0.200 J
Dibenzo(a,h)anthracene		ND(0.410)	ND(0.390)	0.300 J	0.240 J	0.730	ND(0.350)
Dibenzofuran		ND(0.410)	0.110 J	0.110 J	0.240 J	ND(0.480)	ND(0.350)
Diethylphthalate		ND(0.410)	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)
Dimethylphthalate		ND(0.410)	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)
Di-n-Butylphthalate		ND(0.410)	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)
Diphenylamine		ND(0.41)	ND(0.39)	ND(0.46)	ND(0.37)	ND(0.48)	ND(0.35)
Fluoranthene		2.20	2.30	5.00	4.20	1.20	0.210 J
Fluorene		0.160 J	0.130 J	0.180 J	0.490	ND(0.480)	ND(0.350)
Hexachlorobenzene		ND(0.410)	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)
Indeno(1,2,3-cd)pyrene		1.10	0.360 J	0.460 J	0.990	1.40	ND(0.350)
Naphthalene		0.180 J	ND(0.390)	ND(0.460)	0.180 J	ND(0.480)	0.0850 J
Nitrobenzene		ND(0.410)	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)
N-Nitrosodiphenylamine		ND(0.410)	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)
o-Toluidine		0.180 J	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	4E / RAA4-M11 / 0-1 / 07/02/02	4E / RAA4-M13 / 1-3 / 06/28/02	4E / RAA4-M15 / 0-1 / 07/08/02	4E / RAA4-M15 / 3-6 / 07/08/02	4E / RAA4-M17 / 0-1 / 06/10/02	4E / RAA4-M21 / 0-1 / 06/13/02
Semivolatile Organics (continued)						
Pentachlorobenzene	ND(0.410)	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)
Pentachlorophenol	ND(2.00)	ND(2.00)	ND(2.30)	ND(1.90)	ND(2.40)	ND(1.80)
Phenanthrene	1.80	2.50	3.70	3.50	ND(0.480)	0.260 J
Phenol	0.350 J	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)
Pyrene	3.30	2.40	3.10	5.20	0.790	0.430
Pyridine	ND(0.410)	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)
Furans						
2,3,7,8-TCDF	0.000051 Y	0.000035 Y	ND(0.0000013)	0.000013 Y	0.00028 Y	0.00063 YEIJ
TCDFs (total)	0.00068 I	0.00053 Q	0.0000097 Q	0.00031	0.0022 Q	0.0068 QI
1,2,3,7,8-PeCDF	0.000036 Q	0.000042	0.0000014 J	0.0000094 J	0.00050	0.00056
2,3,4,7,8-PeCDF	0.000047	0.000065	0.0000016 J	0.000017 J	0.00050	0.0011 EJ
PeCDFs (total)	0.00063 QI	0.00030 QI	0.0000094 Q	0.00019 Q	0.0045 QI	0.011 I
1,2,3,4,7,8-HxCDF	0.000072	0.00017	0.0000024 J	0.000013 J	0.00091	0.0016 EJ
1,2,3,6,7,8-HxCDF	0.000046	0.000066	ND(0.0000055)	0.000014 J	0.00046	0.00099 EJ
1,2,3,7,8,9-HxCDF	0.000013	0.000041	0.0000013 J	0.0000033 J	0.00023	0.00020
2,3,4,6,7,8-HxCDF	0.000065	0.000036	0.0000032 J	0.000021 J	0.00027	0.00082
HxCDFs (total)	0.00061	0.00054 Q	0.000013 Q	0.00014	0.0042 I	0.012
1,2,3,4,6,7,8-HpCDF	0.00018	0.000049	0.0000054 J	0.000047	0.00065	0.0016 EJ
1,2,3,4,7,8,9-HpCDF	0.000018	0.000040	ND(0.0000028)	0.0000037 J	0.00024	0.00039
HpCDFs (total)	0.00026	0.00013	0.0000054	0.000064	0.0013	0.0034
OCDF	0.000098	0.000056	ND(0.0000056) X	0.000017 J	0.00055	0.0014
Dioxins						
2,3,7,8-TCDD	0.0000028	ND(0.00000038) X	ND(0.0000026)	ND(0.0000028)	0.0000016	0.0000075
TCDDs (total)	0.000095	0.0000065	ND(0.0000026)	0.000027	0.000025 Q	0.00013
1,2,3,7,8-PeCDD	0.0000083	ND(0.00000049) X	0.0000012 J	ND(0.0000036) X	0.0000066	0.000070 Q
PeCDDs (total)	0.00013 Q	0.0000027 Q	0.0000041 Q	0.000047 Q	0.000062 Q	0.00054 Q
1,2,3,4,7,8-HxCDD	0.000011	ND(0.00000051) X	ND(0.0000078)	0.0000033 J	0.0000078	0.000057
1,2,3,6,7,8-HxCDD	0.000016	0.00000086 J	ND(0.0000013) X	0.0000054 J	0.000012	0.000071
1,2,3,7,8,9-HxCDD	0.000012	0.00000084 J	0.0000014 J	0.0000048 J	0.0000086	0.000058
HxCDDs (total)	0.00026	0.000012	0.0000037 Q	0.000070	0.00016	0.0010
1,2,3,4,6,7,8-HpCDD	0.000094	0.0000069	0.0000078 J	0.000024 J	0.000079	0.00035
HpCDDs (total)	0.00020	0.000014	0.000015	0.000051	0.00019	0.00082
OCDD	0.00017	0.00010	0.000068	0.00010	0.00066	0.0016
Total TEQs (WHO TEFs)	0.000068	0.000071	0.0000051	0.000021	0.00051	0.0011
Inorganics						
Antimony	16.0	ND(6.00)	0.900 B	ND(6.00)	0.960 B	ND(6.00)
Arsenic	22.0	9.00	7.60	4.50	3.30	6.00
Barium	220 J	110	29.0	46.0	26.0	35.0
Beryllium	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
Cadmium	13.0	2.10	ND(0.500)	1.60	0.670	ND(0.500)
Chromium	27.0	9.90	9.90	13.0	9.50	10.0
Cobalt	6.80 J	6.30 J	9.30	5.10	6.30	7.00
Copper	890	450	64.0	4500	53.0	230
Cyanide	0.180 B	0.380	ND(0.110)	ND(0.220)	ND(0.110)	ND(0.100)
Lead	2600	560	20.0	1100	33.0 J	170
Mercury	ND(0.110)	0.860	0.0780 B	0.200	ND(0.110)	0.280 J
Nickel	57.0	13.0	16.0	12.0	7.00	17.0
Selenium	1.50	ND(1.00) J	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00) J
Silver	ND(1.60)	0.860 J	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	52.0	130	36.0	35.0	29.0	64.0
Thallium	ND(1.70) J	ND(1.70) J	1.60 B	2.40	ND(1.10)	1.20 J
Tin	140	41.0	ND(10.0)	85.0	ND(10.0)	ND(15.0)
Vanadium	14.0	9.90	10.0	10.0	14.0	5.50
Zinc	1300 J	740 J	67.0	1600	87.0	170

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	4E / RAA4-M21 / 3-6 / 06/13/02	4E / RAA4-M23 / 0-1 / 06/14/02	4E / RAA4-M27 / 0-1 / 05/29/02	4E / RAA4-M29 / 1-3 / 06/18/02	4E / RAA4-M30 / 0-1 / 04/22/02	4E / RAA4-N15 / 1-3 / 06/18/02
Volatile Organics						
1,1,1-Trichloroethane	ND(0.0056)	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS
1,1-Dichloroethane	ND(0.0056)	ND(0.0057)	ND(0.0057)	0.0059 J	ND(0.0054)	NS
1,2-Dichloroethane	ND(0.0056)	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS
2-Butanone	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)	NS
2-Chloroethylvinylether	ND(0.0056)	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS
Acetone	0.036 J	ND(0.023)	ND(0.023)	ND(0.024)	ND(0.022)	NS
Benzene	ND(0.00560)	ND(0.00570)	ND(0.00570)	ND(0.00610)	ND(0.00540)	NS
Carbon Disulfide	ND(0.0056)	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS
Chlorobenzene	ND(0.0056)	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS
Ethylbenzene	ND(0.00560)	ND(0.00570)	ND(0.00570)	ND(0.00610)	ND(0.00540)	NS
Methylene Chloride	ND(0.0056)	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS
Styrene	ND(0.00560)	ND(0.00570)	ND(0.00570)	ND(0.00610)	ND(0.00540)	NS
Tetrachloroethene	ND(0.0056)	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS
Toluene	ND(0.00560)	ND(0.00570)	ND(0.00570)	ND(0.00610)	0.0100	NS
Trichloroethene	ND(0.0056)	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS
Trichlorofluoromethane	ND(0.0056)	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS
Xylenes (total)	ND(0.0056)	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.370)	1.40	ND(0.380)	ND(0.400)	ND(0.360)	NS
1,2,4-Trichlorobenzene	0.0910 J	33.0	ND(0.380)	ND(0.400)	ND(0.360)	NS
1,2-Dichlorobenzene	ND(0.370)	1.60	ND(0.380)	ND(0.400)	ND(0.360)	NS
1,2-Diphenylhydrazine	ND(0.37)	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.36)	NS
1,3-Dichlorobenzene	ND(0.370)	2.20	ND(0.380)	ND(0.400)	ND(0.360)	NS
1,3-Dinitrobenzene	ND(0.740)	ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS
1,4-Dichlorobenzene	0.100 J	9.30	ND(0.380)	ND(0.400)	ND(0.360)	NS
2,4-Dimethylphenol	ND(0.370)	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS
2-Chloronaphthalene	ND(0.370)	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS
2-Chlorophenol	ND(0.370)	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS
2-Methylnaphthalene	0.0750 J	0.200 J	ND(0.380)	ND(0.400)	ND(0.360)	NS
2-Methylphenol	ND(0.370)	0.0810 J	ND(0.380)	ND(0.400)	ND(0.360)	NS
2-Nitroaniline	ND(1.90)	0.940 J	ND(1.90)	ND(2.10)	ND(1.80)	NS
3&4-Methylphenol	ND(0.740)	0.0810 J	ND(0.760)	ND(0.820)	ND(0.730)	NS
4-Chloroaniline	ND(0.370)	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS
4-Chlorobenzilate	ND(0.740)	ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS
4-Phenylenediamine	ND(0.74) J	ND(0.76) J	ND(0.76) J	ND(0.82) J	ND(0.73) J	NS
Acenaphthene	0.450	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS
Acenaphthylene	0.170 J	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS
Acetophenone	ND(0.370)	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS
Aniline	0.450	5.00	ND(0.380)	ND(0.400)	ND(0.360)	NS
Anthracene	1.10	ND(0.380)	ND(0.380)	ND(0.400)	0.0900 J	NS
Benzo(a)anthracene	2.00	ND(0.380)	0.260 J	ND(0.400)	0.560	NS
Benzo(a)pyrene	1.60	0.120 J	0.310 J	ND(0.40) J	0.900	NS
Benzo(b)fluoranthene	1.90	0.270 J	0.270 J	ND(0.40) J	0.730	NS
Benzo(g,h,i)perylene	1.00	ND(0.380)	0.300 J	ND(0.400)	0.630	NS
Benzo(k)fluoranthene	1.20	0.120 J	0.210 J	ND(0.400)	0.750	NS
Benzyl Alcohol	ND(0.740)	ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS
bis(2-Ethylhexyl)phthalate	ND(0.370)	0.580	ND(0.370)	ND(0.400)	0.350 J	NS
Chrysene	1.60	ND(0.380)	0.300 J	ND(0.400)	0.650	NS
Dibenzo(a,h)anthracene	0.340 J	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS
Dibenzofuran	0.530	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS
Diethylphthalate	ND(0.370)	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS
Dimethylphthalate	ND(0.370)	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS
Di-n-Butylphthalate	ND(0.370)	ND(0.380)	0.140 J	ND(0.400)	ND(0.360)	NS
Diphenylamine	ND(0.37)	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.36)	NS
Fluoranthene	4.60	0.270 J	0.460	ND(0.400)	1.30	NS
Fluorene	0.860	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS
Hexachlorobenzene	ND(0.370)	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS
Indeno(1,2,3-cd)pyrene	0.990	ND(0.380)	0.210 J	ND(0.400)	0.510	NS
Naphthalene	ND(0.370)	0.130 J	ND(0.380)	ND(0.400)	ND(0.360)	NS
Nitrobenzene	ND(0.370)	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS
N-Nitrosodiphenylamine	ND(0.370)	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS
o-Toluidine	ND(0.370)	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4E	4E	4E	4E	4E	4E
	Sample ID:	RAA4-M21	RAA4-M23	RAA4-M27	RAA4-M29	RAA4-M30	RAA4-N15
	Sample Depth(Feet):	3-6	0-1	0-1	1-3	0-1	1-3
Parameter	Date Collected:	06/13/02	06/14/02	05/29/02	06/18/02	04/22/02	06/18/02
Semivolatile Organics (continued)							
Pentachlorobenzene		ND(0.370)	1.40	ND(0.380)	ND(0.400)	ND(0.360)	NS
Pentachlorophenol		ND(1.90)	ND(1.90)	ND(1.90)	ND(2.10)	ND(1.80)	NS
Phenanthrene		4.00	ND(0.380)	0.160 J	ND(0.400)	0.530	NS
Phenol		ND(0.370)	0.660	ND(0.380)	ND(0.400)	ND(0.360)	NS
Pyrene		4.70	0.560	0.420 J	ND(0.400)	0.910	NS
Pyridine		ND(0.370)	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS
Furans							
2,3,7,8-TCDF		0.0023 YEJ	0.0050 Y	0.000050 Y	0.00000045 J	0.00023 Y	0.0023 Y
TCDFs (total)		0.029 Q	0.052 I	0.00049 Q	0.0000017	0.0012 X	0.011 Q
1,2,3,7,8-PeCDF		0.0014	0.0027	0.000027	0.00000012 J	0.00014	0.0016 Q
2,3,4,7,8-PeCDF		0.0018	0.016	0.00013	0.00000020 J	0.00015	0.0019
PeCDFs (total)		0.026 QI	0.12 I	0.0015 Q	0.0000011	0.0016 X	0.013 Q
1,2,3,4,7,8-HxCDF		0.0059 EIJ	0.010	0.000084	0.00000031 J	0.00011	0.0041
1,2,3,6,7,8-HxCDF		0.0033 I	0.0059	0.000059	0.00000019 J	0.000053	0.0021
1,2,3,7,8,9-HxCDF		0.00055	0.0019	0.000014 J	ND(0.00000027)	ND(0.000017) X	0.0011
2,3,4,6,7,8-HxCDF		0.00096	0.0089	0.00018	ND(0.00000027)	0.000058	0.0012
HxCDFs (total)		0.021 I	0.12	0.0022	0.00000050	0.00078	0.020 I
1,2,3,4,6,7,8-HpCDF		0.0046 I	0.0097	0.00018	0.00000029 J	0.000066	0.0031 I
1,2,3,4,7,8,9-HpCDF		0.0013	0.0031	0.000026	R	0.000014	0.0013
HpCDFs (total)		0.0076 I	0.025	0.00043	0.00000050	0.00015	0.0061 I
OCDF		0.0081 I	0.013	0.00015	0.00000040 J	0.000055	0.0031
Dioxins							
2,3,7,8-TCDD		0.000012	0.00012	ND(0.0000016)	ND(0.00000011)	0.0000017	0.000011
TCDDs (total)		0.00043 Q	0.0062	0.0000036 Q	ND(0.00000020)	0.0000086	0.00018
1,2,3,7,8-PeCDD		ND(0.000026) X	0.0014	ND(0.000013) X	ND(0.00000027)	0.0000035 J	0.000058
PeCDDs (total)		0.00046 Q	0.018	0.000014	ND(0.00000027)	0.0000071	0.00049 Q
1,2,3,4,7,8-HxCDD		0.000034	0.00049	0.0000021 J	ND(0.00000027)	0.0000013 J	0.000074
1,2,3,6,7,8-HxCDD		0.000063	0.0018	0.0000023 J	ND(0.00000027)	0.0000015 J	0.000088
1,2,3,7,8,9-HxCDD		0.000046	0.0012	0.0000074 J	ND(0.00000027)	0.0000016 J	0.000077
HxCDDs (total)		0.00089	0.022	0.000046	ND(0.00000037)	0.0000071	0.0013
1,2,3,4,6,7,8-HpCDD		0.00038	0.0027	0.000026	0.00000049 J	0.0000082	0.00039
HpCDDs (total)		0.00075	0.0064	0.000054	0.00000089	0.000016	0.00081
OCDD		0.00068	0.0031	0.00038	0.0000033 J	0.000049	0.0012
Total TEQs (WHO TEFs)		0.0024	0.013	0.00012	0.00000047	0.00013	0.0023
Inorganics							
Antimony		16.0	ND(6.00)	ND(6.00)	ND(6.00)	1.30 B	NS
Arsenic		6.10	7.60	2.20	4.20	4.60	NS
Barium		68.0	50.0	ND(20.0)	40.0	20.0	NS
Beryllium		ND(0.500)	ND(0.500) J	0.120 B	ND(0.500)	0.160 B	NS
Cadmium		0.690	1.50	0.140 B	0.100 B	ND(0.500)	NS
Chromium		18.0	9.80	3.90	7.50	7.20	NS
Cobalt		7.30	ND(5.00)	ND(5.00)	ND(5.00)	5.50	NS
Copper		240	130	14.0	21.0	15.0	NS
Cyanide		0.340	0.160	ND(0.110)	ND(0.120)	ND(0.110)	NS
Lead		360	480	6.50	36.0	19.0	NS
Mercury		4.40 J	0.960	ND(0.110)	ND(0.120)	0.024 J	NS
Nickel		18.0	8.30	6.80	6.30	9.40	NS
Selenium		ND(1.00) J	ND(1.00) J	ND(1.00)	ND(1.00)	ND(1.00)	NS
Silver		0.500 B	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	NS
Sulfide		150	51.0	24.0	30.0	16.0	NS
Thallium		1.30 J	ND(1.70) J	ND(1.10) J	ND(1.80)	ND(1.00) J	NS
Tin		31.0	ND(10.0)	ND(10.0)	ND(5.50)	ND(10.0)	NS
Vanadium		6.60	6.20	6.10	8.10	7.20	NS
Zinc		410	340	35.0	44.0	100	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E / RAA4-O3 / 1-3 / 06/12/02	4E / RAA4-O3 / 6-15 / 10/18/02	4E / RAA4-O3 / 12-15 / 10/18/02	4E / RAA4-O4 / 0-1 / 06/26/02	4E / RAA4-O7 / 0-1 / 07/03/02
Volatile Organics						
1,1,1-Trichloroethane		ND(0.0062)	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)
1,1-Dichloroethane		ND(0.0062)	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)
1,2-Dichloroethane		ND(0.0062)	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)
2-Butanone		ND(0.012)	NS	ND(0.015)	ND(0.010)	ND(0.010)
2-Chloroethylvinylether		ND(0.0062)	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)
Acetone		ND(0.025)	NS	ND(0.031)	ND(0.020)	ND(0.021)
Benzene		ND(0.00620)	NS	ND(0.00770)	ND(0.00510)	ND(0.0053)
Carbon Disulfide		ND(0.0062)	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)
Chlorobenzene		ND(0.0062)	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)
Ethylbenzene		ND(0.00620)	NS	ND(0.00770)	ND(0.00510)	ND(0.0053)
Methylene Chloride		ND(0.0062)	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)
Styrene		ND(0.00620)	NS	ND(0.00770)	ND(0.00510)	ND(0.0053)
Tetrachloroethene		ND(0.0062)	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)
Toluene		ND(0.00620)	NS	ND(0.00770)	ND(0.00510)	ND(0.0053)
Trichloroethene		ND(0.0062)	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)
Trichlorofluoromethane		ND(0.0062)	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)
Xylenes (total)		ND(0.0062)	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.410)	ND(0.510)	NS	ND(0.380)	ND(0.350)
1,2,4-Trichlorobenzene		ND(0.410)	ND(0.510)	NS	ND(0.380)	ND(0.350)
1,2-Dichlorobenzene		ND(0.410)	ND(0.510)	NS	ND(0.380)	ND(0.350)
1,2-Diphenylhydrazine		ND(0.41)	ND(0.51)	NS	ND(0.38)	ND(0.35)
1,3-Dichlorobenzene		ND(0.410)	ND(0.510)	NS	ND(0.380)	ND(0.350)
1,3-Dinitrobenzene		ND(0.830)	ND(1.00)	NS	ND(0.690)	ND(0.710)
1,4-Dichlorobenzene		ND(0.410)	ND(0.510)	NS	ND(0.380)	ND(0.350)
2,4-Dimethylphenol		ND(0.410)	ND(0.510)	NS	ND(0.380)	R
2-Chloronaphthalene		ND(0.410)	ND(0.510)	NS	ND(0.380)	ND(0.350)
2-Chlorophenol		ND(0.410)	ND(0.510)	NS	ND(0.380)	R
2-Methylnaphthalene		ND(0.410)	ND(0.510)	NS	0.0840 J	ND(0.350)
2-Methylphenol		ND(0.410)	ND(0.510)	NS	ND(0.380)	R
2-Nitroaniline		ND(2.10)	ND(2.60)	NS	ND(1.90)	ND(1.80)
3&4-Methylphenol		ND(0.830)	ND(1.00)	NS	ND(0.690)	R
4-Chloroaniline		ND(0.410)	ND(0.510)	NS	ND(0.380)	ND(0.350)
4-Chlorobenzilate		ND(0.830)	ND(1.00)	NS	ND(0.690)	ND(0.710)
4-Phenylenediamine		ND(0.83) J	ND(1.0) J	NS	ND(0.69) J	ND(0.71) J
Acenaphthene		ND(0.410)	ND(0.510)	NS	0.170 J	ND(0.350)
Acenaphthylene		ND(0.410)	ND(0.510)	NS	ND(0.380)	ND(0.350)
Acetophenone		ND(0.410)	ND(0.510)	NS	ND(0.380)	ND(0.350)
Aniline		ND(0.410)	ND(0.510)	NS	5.80	0.420
Anthracene		ND(0.410)	ND(0.510)	NS	0.410	ND(0.350)
Benzo(a)anthracene		ND(0.410)	ND(0.510)	NS	1.40	0.0800 J
Benzo(a)pyrene		ND(0.410)	ND(0.510)	NS	1.20	0.0860 J
Benzo(b)fluoranthene		ND(0.410)	ND(0.510)	NS	1.40	0.120 J
Benzo(g,h,i)perylene		ND(0.410)	ND(0.510)	NS	0.930	ND(0.350)
Benzo(k)fluoranthene		ND(0.410)	ND(0.510)	NS	1.10	0.0770 J
Benzyl Alcohol		ND(0.830)	ND(1.00)	NS	ND(0.760)	R
bis(2-Ethylhexyl)phthalate		ND(0.410)	ND(0.510)	NS	ND(0.340)	ND(0.350)
Chrysene		ND(0.410)	ND(0.510)	NS	1.50	0.200 J
Dibenzo(a,h)anthracene		ND(0.410)	ND(0.510)	NS	0.460	ND(0.350)
Dibenzofuran		ND(0.410)	ND(0.510)	NS	0.0890 J	ND(0.350)
Diethylphthalate		ND(0.410)	ND(0.510)	NS	ND(0.380)	ND(0.350)
Dimethylphthalate		ND(0.410)	ND(0.510)	NS	ND(0.380)	ND(0.350)
Di-n-Butylphthalate		ND(0.410)	ND(0.510)	NS	0.240 J	ND(0.350)
Diphenylamine		ND(0.41)	ND(0.51)	NS	ND(0.38)	ND(0.35)
Fluoranthene		ND(0.410)	ND(0.510)	NS	1.80	0.260 J
Fluorene		ND(0.410)	ND(0.510)	NS	0.130 J	ND(0.350)
Hexachlorobenzene		ND(0.410)	ND(0.510)	NS	ND(0.380)	ND(0.350)
Indeno(1,2,3-cd)pyrene		ND(0.410)	ND(0.510)	NS	0.780	ND(0.350)
Naphthalene		ND(0.410)	ND(0.510)	NS	0.160 J	ND(0.350)
Nitrobenzene		ND(0.410)	ND(0.510)	NS	ND(0.380)	ND(0.350)
N-Nitrosodiphenylamine		ND(0.410)	ND(0.510)	NS	ND(0.380)	ND(0.350)
o-Toluidine		ND(0.410)	ND(0.510)	NS	ND(0.380)	ND(0.350)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	Averaging Area:	4E	4E	4E	4E	4E
	Sample ID:	RAA4-O3	RAA4-O3	RAA4-O3	RAA4-O4	RAA4-O7
	Sample Depth(Feet):	1-3	6-15	12-15	0-1	0-1
Parameter	Date Collected:	06/12/02	10/18/02	10/18/02	06/26/02	07/03/02
Semivolatile Organics (continued)						
Pentachlorobenzene		ND(0.410)	ND(0.510)	NS	ND(0.380)	ND(0.350)
Pentachlorophenol		ND(2.10)	ND(2.60)	NS	ND(1.90)	R
Phenanthrene		ND(0.410)	ND(0.510)	NS	1.80	0.220 J
Phenol		ND(0.410)	ND(0.510)	NS	0.240 J	R
Pyrene		ND(0.410)	ND(0.510)	NS	3.10	0.240 J
Pyridine		ND(0.410)	ND(0.510)	NS	ND(0.380)	ND(0.350)
Furans						
2,3,7,8-TCDF		0.00000055 J	ND(0.0000021)	NS	0.0000016 Y	0.0000029 Y
TCDFs (total)		0.0000076	0.0000042	NS	0.000031	0.000031
1,2,3,7,8-PeCDF		0.0000013 J	ND(0.0000026)	NS	0.0000061	0.0000014 J
2,3,4,7,8-PeCDF		0.00000069 J	ND(0.0000026)	NS	0.0000026	0.0000021 J
PeCDFs (total)		0.000011	0.0000034	NS	0.000032 I	0.000024
1,2,3,4,7,8-HxCDF		0.0000024	ND(0.0000026)	NS	0.0000044	0.0000022 J
1,2,3,6,7,8-HxCDF		0.0000011 J	ND(0.0000026)	NS	0.0000018 J	0.0000012 J
1,2,3,7,8,9-HxCDF		0.00000019 J	ND(0.0000026)	NS	0.00000078 J	0.00000042 J
2,3,4,6,7,8-HxCDF		0.00000043 J	ND(0.0000026)	NS	0.0000041	0.0000015 J
HxCDFs (total)		0.0000092	0.0000031	NS	0.000056	0.000018
1,2,3,4,6,7,8-HpCDF		0.0000015 J	0.0000020 J	NS	0.0000048	0.0000044
1,2,3,4,7,8,9-HpCDF		0.00000020 J	ND(0.0000026)	NS	0.0000011 J	0.00000049 J
HpCDFs (total)		0.0000022	0.0000020	NS	0.000013	0.0000083
OCDF		0.00000051 J	0.0000032 J	NS	0.0000024 J	0.0000045 J
Dioxins						
2,3,7,8-TCDD		ND(0.00000012) X	ND(0.0000024)	NS	ND(0.00000018)	ND(0.00000022) X
TCDDs (total)		0.000000091	ND(0.0000028)	NS	0.00000034	0.0000038
1,2,3,7,8-PeCDD		ND(0.00000018) X	ND(0.0000026)	NS	ND(0.00000058) X	ND(0.00000032) X
PeCDDs (total)		0.00000070	ND(0.0000042)	NS	0.0000012	0.0000056
1,2,3,4,7,8-HxCDD		0.00000017 J	ND(0.0000026)	NS	0.00000055 J	0.00000046 J
1,2,3,6,7,8-HxCDD		0.00000023 J	ND(0.0000026)	NS	0.00000052 J	0.00000094 J
1,2,3,7,8,9-HxCDD		0.00000011 J	ND(0.0000026)	NS	ND(0.00000035) X	0.00000065 J
HxCDDs (total)		0.0000013	ND(0.0000046)	NS	0.0000061	0.000012
1,2,3,4,6,7,8-HpCDD		0.00000067 J	0.0000039 J	NS	0.0000040	0.000016
HpCDDs (total)		0.0000012	0.0000039	NS	0.0000083	0.000028
OCDD		0.0000026 J	0.000022 J	NS	0.000015	0.00013
Total TEQs (WHO TEFs)		0.0000011	0.0000043	NS	0.0000035	0.0000026
Inorganics						
Antimony		ND(6.00)	ND(6.00)	NS	ND(6.00) J	1.20 B
Arsenic		4.00	10.0	NS	3.10	7.70
Barium		36.0	41.0	NS	28.0 J	52.0
Beryllium		ND(0.500)	ND(0.500)	NS	ND(0.500)	ND(0.500)
Cadmium		ND(0.500)	1.10	NS	ND(0.500)	ND(0.500)
Chromium		7.40	13.0	NS	4.00	14.0
Cobalt		5.40	10.0	NS	6.20	ND(5.00)
Copper		14.0	35.0	NS	12.0 J	83.0
Cyanide		ND(0.120)	ND(0.150)	NS	ND(0.100)	0.200
Lead		8.50 J	16.0	NS	4.90	67.0
Mercury		ND(0.120) J	0.060 J	NS	ND(0.100)	0.0370 B
Nickel		13.0	21.0	NS	8.70	15.0
Selenium		ND(1.00) J	ND(1.20)	NS	ND(1.00) J	ND(1.00)
Silver		ND(1.00)	ND(1.20)	NS	0.440 B	ND(1.00)
Sulfide		26.0	15.0	NS	20.0 J	51.0
Thallium		1.40 B	ND(2.3) J	NS	ND(1.50) J	3.30
Tin		10.0 B	ND(12.0)	NS	ND(10.0)	ND(10.0)
Vanadium		7.50	15.0	NS	5.20 J	16.0
Zinc		35.0	200 J	NS	26.0	41.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E RAA4-O7 1-3 07/03/02	4E RAA4-O9 0-1 06/12/02	4E RAA4-O9 3-6 06/12/02	4E RAA4-O13 0-1 06/12/02	4E RAA4-O13 3-6 06/12/02
Volatile Organics						
1,1,1-Trichloroethane		ND(0.0052)	ND(0.0056)	NS	ND(0.0057)	NS
1,1-Dichloroethane		ND(0.0052)	ND(0.0056)	NS	ND(0.0057)	NS
1,2-Dichloroethane		ND(0.0052)	ND(0.0056)	NS	ND(0.0057)	NS
2-Butanone		ND(0.010)	ND(0.011)	NS	ND(0.011)	NS
2-Chloroethylvinylether		ND(0.0052)	ND(0.0056)	NS	ND(0.0057)	NS
Acetone		ND(0.021)	ND(0.022)	NS	ND(0.023)	NS
Benzene		ND(0.0052)	ND(0.00560)	NS	ND(0.00570)	NS
Carbon Disulfide		ND(0.0052)	ND(0.0056)	NS	ND(0.0057)	NS
Chlorobenzene		ND(0.0052)	ND(0.0056)	NS	ND(0.0057)	NS
Ethylbenzene		ND(0.0052)	ND(0.00560)	NS	ND(0.00570)	NS
Methylene Chloride		ND(0.0052)	ND(0.0056)	NS	ND(0.0057)	NS
Styrene		ND(0.0052)	ND(0.00560)	NS	ND(0.00570)	NS
Tetrachloroethene		ND(0.0052)	ND(0.0056)	NS	ND(0.0057)	NS
Toluene		0.0075	ND(0.00560)	NS	ND(0.00570)	NS
Trichloroethene		ND(0.0052)	ND(0.0056)	NS	ND(0.0057)	NS
Trichlorofluoromethane		ND(0.0052)	ND(0.0056)	NS	ND(0.0057)	NS
Xylenes (total)		ND(0.0052)	ND(0.0056)	NS	ND(0.0057)	NS
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.350)	ND(0.370)	NS	ND(0.380)	NS
1,2,4-Trichlorobenzene		ND(0.350)	ND(0.370)	NS	ND(0.380)	NS
1,2-Dichlorobenzene		ND(0.350)	ND(0.370)	NS	ND(0.380)	NS
1,2-Diphenylhydrazine		ND(0.35)	ND(0.37)	NS	ND(0.38)	NS
1,3-Dichlorobenzene		ND(0.350)	ND(0.370)	NS	ND(0.380)	NS
1,3-Dinitrobenzene		ND(0.700)	ND(0.750)	NS	ND(0.760)	NS
1,4-Dichlorobenzene		ND(0.350)	ND(0.370)	NS	ND(0.380)	NS
2,4-Dimethylphenol		ND(0.350)	ND(0.370)	NS	ND(0.380)	NS
2-Chloronaphthalene		ND(0.350)	ND(0.370)	NS	ND(0.380)	NS
2-Chlorophenol		ND(0.350)	ND(0.370)	NS	ND(0.380)	NS
2-Methylnaphthalene		ND(0.350)	ND(0.370)	NS	ND(0.380)	NS
2-Methylphenol		ND(0.350)	ND(0.370)	NS	ND(0.380)	NS
2-Nitroaniline		ND(1.80)	ND(1.90)	NS	ND(1.90)	NS
3&4-Methylphenol		ND(0.700)	ND(0.750)	NS	ND(0.760)	NS
4-Chloroaniline		ND(0.350)	ND(0.370)	NS	ND(0.380)	NS
4-Chlorobenzilate		ND(0.700)	ND(0.750)	NS	ND(0.760)	NS
4-Phenylenediamine		ND(0.70) J	ND(0.75) J	NS	ND(0.76) J	NS
Acenaphthene		ND(0.350)	ND(0.370)	NS	ND(0.380)	NS
Acenaphthylene		ND(0.350)	ND(0.370)	NS	ND(0.380)	NS
Acetophenone		ND(0.350)	ND(0.370)	NS	ND(0.380)	NS
Aniline		3.10	ND(0.370)	NS	0.860	NS
Anthracene		ND(0.350)	ND(0.370)	NS	0.210 J	NS
Benzo(a)anthracene		ND(0.350)	0.420	NS	0.960	NS
Benzo(a)pyrene		ND(0.70) J	0.490	NS	1.00	NS
Benzo(b)fluoranthene		ND(0.70) J	1.50	NS	1.20	NS
Benzo(g,h,i)perylene		ND(0.35) J	0.950	NS	0.800	NS
Benzo(k)fluoranthene		ND(0.35) J	0.750	NS	0.810	NS
Benzyl Alcohol		ND(0.700)	ND(0.750)	NS	ND(0.760)	NS
bis(2-Ethylhexyl)phthalate		ND(0.350)	ND(0.370)	NS	ND(0.380)	NS
Chrysene		0.130 J	0.870	NS	1.00	NS
Dibenzo(a,h)anthracene		ND(0.35) J	0.370 J	NS	0.260 J	NS
Dibenzofuran		ND(0.350)	ND(0.370)	NS	ND(0.380)	NS
Diethylphthalate		ND(0.350)	ND(0.370)	NS	ND(0.380)	NS
Dimethylphthalate		ND(0.350)	ND(0.370)	NS	ND(0.380)	NS
Di-n-Butylphthalate		0.130 J	ND(0.370)	NS	0.180 J	NS
Diphenylamine		ND(0.35)	ND(0.37)	NS	ND(0.38)	NS
Fluoranthene		0.190 J	0.630	NS	1.80	NS
Fluorene		ND(0.350)	ND(0.370)	NS	ND(0.380)	NS
Hexachlorobenzene		ND(0.350)	ND(0.370)	NS	ND(0.380)	NS
Indeno(1,2,3-cd)pyrene		ND(0.35) J	0.740	NS	0.610	NS
Naphthalene		ND(0.350)	ND(0.370)	NS	ND(0.380)	NS
Nitrobenzene		0.0950 J	ND(0.370)	NS	ND(0.380)	NS
N-Nitrosodiphenylamine		ND(0.350)	ND(0.370)	NS	ND(0.380)	NS
o-Toluidine		ND(0.350)	ND(0.370)	NS	ND(0.380)	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E RAA4-O7 1-3 07/03/02	4E RAA4-O9 0-1 06/12/02	4E RAA4-O9 3-6 06/12/02	4E RAA4-O13 0-1 06/12/02	4E RAA4-O13 3-6 06/12/02
Semivolatile Organics (continued)						
Pentachlorobenzene		ND(0.350)	ND(0.370)	NS	ND(0.380)	NS
Pentachlorophenol		ND(1.80)	ND(1.90)	NS	ND(1.90)	NS
Phenanthrene		0.220 J	0.180 J	NS	1.00	NS
Phenol		2.50	ND(0.370)	NS	ND(0.380)	NS
Pyrene		0.240 J	0.430	NS	1.60	NS
Pyridine		ND(0.350)	ND(0.370)	NS	ND(0.380)	NS
Furans						
2,3,7,8-TCDF		0.0000078 Y	0.000017 Y	ND(0.00000011)	0.0000022 Y	0.00000091 J
TCDFs (total)		0.00010 I	0.00048	0.00000077 Q	0.000021	0.000012 Q
1,2,3,7,8-PeCDF		0.0000046	0.0000064	ND(0.00000022)	0.0000020 J	0.00000083 J
2,3,4,7,8-PeCDF		0.0000047	0.000080	0.00000019 J	0.0000025	0.0000018 J
PeCDFs (total)		0.000072 QI	0.0012 I	0.0000015 Q	0.000028	0.000014 QI
1,2,3,4,7,8-HxCDF		0.0000069	0.000013	0.00000012 J	0.0000038	0.0000013 J
1,2,3,6,7,8-HxCDF		0.0000036	0.000018	0.00000012 J	0.0000021 J	0.00000084 J
1,2,3,7,8,9-HxCDF		0.0000010 J	0.0000044	ND(0.00000022)	0.00000082 J	0.00000036 J
2,3,4,6,7,8-HxCDF		0.0000034	0.000059	0.00000017 J	0.0000015 J	0.00000098 J
HxCDFs (total)		0.000046	0.00082	0.0000014	0.000022	0.0000086
1,2,3,4,6,7,8-HpCDF		0.000014	0.000032	0.00000026 J	0.0000023	0.0000027
1,2,3,4,7,8,9-HpCDF		0.0000016 J	0.0000026	ND(0.00000022)	0.00000088 J	ND(0.00000039) X
HpCDFs (total)		0.000022	0.000084	0.00000026	0.0000047	0.0000027
OCDF		0.000012	0.000013	ND(0.00000045)	0.0000021 J	0.0000020 J
Dioxins						
2,3,7,8-TCDD		ND(0.00000029) X	ND(0.00000022) X	ND(0.000000090)	ND(0.000000089)	ND(0.00000013) X
TCDDs (total)		0.000016	0.0000040	0.00000082	0.00000012	0.0000016
1,2,3,7,8-PeCDD		0.0000013 J	0.0000010 J	0.00000020 J	ND(0.00000022)	0.00000025 J
PeCDDs (total)		0.000019 Q	0.000015	0.0000036	ND(0.00000033)	0.0000030 Q
1,2,3,4,7,8-HxCDD		0.0000017 J	0.00000067 J	0.00000032 J	0.000000071 J	0.00000023 J
1,2,3,6,7,8-HxCDD		0.0000030	0.0000015 J	0.00000040 J	0.00000010 J	0.00000034 J
1,2,3,7,8,9-HxCDD		0.0000020 J	0.0000011 J	0.00000066 J	ND(0.000000092) X	0.00000026 J
HxCDDs (total)		0.000044	0.000022	0.0000094	0.00000017	0.0000031
1,2,3,4,6,7,8-HpCDD		0.000025	0.000012	0.0000090	0.00000064 J	0.0000017 J
HpCDDs (total)		0.000052	0.000026	0.000023	0.0000012	0.0000031
OCDD		0.00026	0.000085	0.00037	0.0000026 J	0.0000053
Total TEQs (WHO TEFs)		0.0000074	0.000053	0.00000067	0.0000026	0.0000018
Inorganics						
Antimony		0.860 B	ND(6.00)	NS	ND(6.00)	NS
Arsenic		8.50	5.30	NS	3.20	NS
Barium		62.0	40.0	NS	24.0	NS
Beryllium		ND(0.500)	ND(0.500)	NS	ND(0.500)	NS
Cadmium		ND(0.500)	ND(0.500)	NS	ND(0.500)	NS
Chromium		13.0	10.0	NS	8.00	NS
Cobalt		ND(5.00)	6.40	NS	6.50	NS
Copper		70.0	36.0	NS	11.0	NS
Cyanide		ND(0.210)	ND(0.110)	NS	ND(0.110)	NS
Lead		66.0	40.0	NS	7.10 J	NS
Mercury		0.0230 B	ND(0.110) J	NS	ND(0.110) J	NS
Nickel		27.0	7.70	NS	14.0	NS
Selenium		ND(1.00)	ND(1.00) J	NS	ND(1.00) J	NS
Silver		ND(1.00)	ND(1.00)	NS	ND(1.00)	NS
Sulfide		45.0	63.0	NS	31.0	NS
Thallium		1.60	1.50 B	NS	1.20 B	NS
Tin		ND(10.0)	ND(10.0)	NS	ND(3.70)	NS
Vanadium		15.0	17.0	NS	7.30	NS
Zinc		110	110	NS	35.0	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E RAA4-O15 6-15 06/14/02	4E RAA4-O16 0-1 06/26/02	4E RAA4-O19 1-3 06/27/02	4E RAA4-O25 0-1 06/14/02	4E RAA4-O25 3-6 06/14/02
Volatile Organics						
1,1,1-Trichloroethane		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
1,1-Dichloroethane		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
1,2-Dichloroethane		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
2-Butanone		NS	ND(0.011)	0.018	ND(0.011)	ND(0.029)
2-Chloroethylvinylether		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Acetone		NS	ND(0.022)	0.088	ND(0.023) J	0.26
Benzene		NS	ND(0.00560)	ND(0.0056)	ND(0.00570)	0.0580
Carbon Disulfide		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Chlorobenzene		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	21
Ethylbenzene		NS	ND(0.00560)	0.069	ND(0.00570)	0.0870
Methylene Chloride		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Styrene		NS	ND(0.00560)	ND(0.0056)	ND(0.00570)	ND(0.0290)
Tetrachloroethene		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Toluene		NS	ND(0.00560)	0.050	ND(0.00570)	ND(0.0290)
Trichloroethene		NS	ND(0.0056)	0.032	0.0076	ND(0.029)
Trichlorofluoromethane		NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Xylenes (total)		NS	ND(0.0056)	0.18	ND(0.0057)	0.24
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		NS	ND(0.510)	ND(8.70)	0.320 J	0.870
1,2,4-Trichlorobenzene		NS	0.240 J	ND(8.70)	5.20	12.0
1,2-Dichlorobenzene		NS	ND(0.510)	ND(8.70)	0.240 J	0.480
1,2-Diphenylhydrazine		NS	ND(0.51)	ND(8.7)	ND(0.38)	ND(0.43)
1,3-Dichlorobenzene		NS	ND(0.510)	ND(8.70)	0.590	1.40
1,3-Dinitrobenzene		NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
1,4-Dichlorobenzene		NS	ND(0.510)	ND(8.70)	1.60	3.40
2,4-Dimethylphenol		NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
2-Chloronaphthalene		NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
2-Chlorophenol		NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
2-Methylnaphthalene		NS	ND(0.510)	100	0.0820 J	ND(0.430)
2-Methylphenol		NS	ND(0.510)	ND(8.70)	0.310 J	ND(0.430)
2-Nitroaniline		NS	ND(2.50)	ND(43.0)	ND(1.90)	ND(2.20)
3&4-Methylphenol		NS	ND(0.750)	ND(8.70)	0.350 J	ND(0.790)
4-Chloroaniline		NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
4-Chlorobenzilate		NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
4-Phenylenediamine		NS	ND(0.75) J	ND(8.7) J	ND(0.77) J	ND(0.79) J
Acenaphthene		NS	0.370 J	160	ND(0.380)	ND(0.430)
Acenaphthylene		NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Acetophenone		NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Aniline		NS	4.40	ND(8.70)	14.0	1.60
Anthracene		NS	0.780	180	ND(0.380)	ND(0.430)
Benzo(a)anthracene		NS	2.40	140	0.240 J	0.230 J
Benzo(a)pyrene		NS	2.00	140	0.280 J	0.700
Benzo(b)fluoranthene		NS	2.80	89.0	0.560	0.820
Benzo(g,h,i)perylene		NS	1.20	68.0	0.480	0.780
Benzo(k)fluoranthene		NS	2.10	90.0	0.310 J	0.600
Benzyl Alcohol		NS	ND(1.00)	ND(17.0)	ND(0.770)	ND(0.860)
bis(2-Ethylhexyl)phthalate		NS	ND(0.370)	ND(4.30)	3.40	ND(0.390)
Chrysene		NS	3.00	160	0.340 J	0.450
Dibenzo(a,h)anthracene		NS	0.480 J	18.0	ND(0.380)	ND(0.430)
Dibenzofuran		NS	0.360 J	87.0	ND(0.380)	ND(0.430)
Diethylphthalate		NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Dimethylphthalate		NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Di-n-Butylphthalate		NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Diphenylamine		NS	ND(0.51)	ND(8.7)	ND(0.38)	ND(0.43)
Fluoranthene		NS	5.20	290	0.290 J	0.170 J
Fluorene		NS	0.320 J	160	ND(0.380)	ND(0.430)
Hexachlorobenzene		NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Indeno(1,2,3-cd)pyrene		NS	0.980	45.0	0.300 J	0.540
Naphthalene		NS	0.110 J	280	0.110 J	ND(0.430)
Nitrobenzene		NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
N-Nitrosodiphenylamine		NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
o-Toluidine		NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	Averaging Area:	4E	4E	4E	4E	4E
	Sample ID:	RAA4-O15	RAA4-O16	RAA4-O19	RAA4-O25	RAA4-O25
	Sample Depth(Feet):	6-15	0-1	1-3	0-1	3-6
Parameter	Date Collected:	06/14/02	06/26/02	06/27/02	06/14/02	06/14/02
Semivolatile Organics (continued)						
Pentachlorobenzene		NS	ND(0.510)	ND(8.70)	0.420	ND(0.430)
Pentachlorophenol		NS	ND(2.50)	ND(43.0)	ND(1.90)	ND(2.20)
Phenanthrene		NS	3.20	790	0.220 J	0.120 J
Phenol		NS	0.590	ND(8.70)	2.30	ND(0.430)
Pyrene		NS	5.00	700	0.440	0.760
Pyridine		NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Furans						
2,3,7,8-TCDF		0.00011 Y [0.00010 Y]	0.00063 Y	ND(0.000055)	0.0024 YEJ	0.032 Y
TCDFs (total)		0.0024 Q [0.0019 Q]	0.029 I	ND(0.000055) Q	0.020 I	0.26 I
1,2,3,7,8-PeCDF		0.00013 QI [0.00010 QI]	0.00027	0.000082 J	0.0016	0.021
2,3,4,7,8-PeCDF		0.00018 Q [0.00011 Q]	0.0041	ND(0.000054) X	0.0035	0.037
PeCDFs (total)		0.0021 QIJ [0.0012 QIJ]	0.041 QI	0.00024 Q	0.035 I	0.28 I
1,2,3,4,7,8-HxCDF		0.00024 I [0.00021]	0.00092	0.00016 J	0.0042	0.054
1,2,3,6,7,8-HxCDF		0.00020 I [0.00015 I]	0.0010	0.000092 J	0.0024	0.027
1,2,3,7,8,9-HxCDF		0.000066 [0.000044]	0.00030	ND(0.00010)	0.00050	0.0051
2,3,4,6,7,8-HxCDF		0.00026 [0.00020]	0.0034	ND(0.00010)	0.0024	0.015
HxCDFs (total)		0.0021 I [0.0016 I]	0.057	0.00046 Q	0.036	0.23 I
1,2,3,4,6,7,8-HpCDF		0.00080 [0.00053]	0.0024	0.00013 JQ	0.0042	0.040 J
1,2,3,4,7,8,9-HpCDF		0.000090 [0.000064]	0.00024	0.000063 J	0.00087	0.0085
HpCDFs (total)		0.0012 [0.00077]	0.0071	0.00013 Q	0.0088	0.069 J
OCDF		0.00047 [0.00031]	0.00099	0.00015 J	0.0039	0.10 I
Dioxins						
2,3,7,8-TCDD		0.000012 Q [0.0000090 Q]	0.0000039 J	ND(0.000046) Q	0.000016	0.00034
TCDDs (total)		0.00033 Q [0.00023 Q]	0.000068	ND(0.000046)	0.00045	0.012
1,2,3,7,8-PeCDD		0.000024 Q [0.000022 Q]	0.000021	ND(0.00010)	ND(0.00013) X	0.0014
PeCDDs (total)		0.00038 Q [0.00028 Q]	0.00012 Q	ND(0.00010) Q	0.00086	0.022
1,2,3,4,7,8-HxCDD		0.000023 [0.000021]	0.000031	ND(0.00010)	0.000086	0.0014
1,2,3,6,7,8-HxCDD		0.000046 [0.000038]	0.000043	ND(0.00010)	0.00015	0.0022
1,2,3,7,8,9-HxCDD		0.000040 [0.000032]	0.000032	ND(0.00010)	0.00012	0.0017
HxCDDs (total)		0.00064 [0.00053 Q]	0.00053	ND(0.00014)	0.0020	0.032
1,2,3,4,6,7,8-HpCDD		0.00024 [0.00019]	0.00026	0.00021 J	0.00056 Q	0.011
HpCDDs (total)		0.00049 [0.00040]	0.00055	0.00039	0.0012 Q	0.021
OCDD		0.00041 [0.00031]	0.0013	ND(0.0016)	0.0012	0.025
Total TEQs (WHO TEFs)		0.00024 [0.00018]	0.0028	0.00015	0.0032	0.036
Inorganics						
Antimony		NS	ND(6.00) J	ND(6.00)	15.0	35.0
Arsenic		NS	6.10	6.50	12.0	11.0
Barium		NS	83.0 J	100	97.0	190
Beryllium		NS	ND(0.500)	1.10	ND(0.500) J	ND(0.500) J
Cadmium		NS	2.30	0.910	4.00	8.80
Chromium		NS	22.0	17.0	160	93.0
Cobalt		NS	9.60	7.00	8.60	10.0
Copper		NS	9100 J	1600	560	7400
Cyanide		NS	ND(0.110)	3.60	1.40	0.550
Lead		NS	850	930	2000	1800
Mercury		NS	2.10	ND(0.110)	0.920	1.60
Nickel		NS	25.0	39.0	45.0	75.0
Selenium		NS	ND(1.00) J	ND(1.00) J	ND(1.00) J	ND(1.00) J
Silver		NS	ND(1.00)	ND(1.00)	13.0	ND(1.00)
Sulfide		NS	25.0 J	510	35.0	62.0
Thallium		NS	2.10 J	3.00 J	1.30 J	2.40 J
Tin		NS	27.0 J	54.0	96.0	140
Vanadium		NS	14.0 J	28.0	19.0	12.0
Zinc		NS	570	870	860	1800

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E / RAA4-P3 / 0-1 / 07/08/02	4E / RAA4-P6 / 0-1 / 06/26/02	4E / RAA4-P14 / 0-1 / 06/26/02	4E / RAA4-P16 / 3-6 / 06/17/02	4E / RAA4-Q05 / 3-6 / 06/27/02
Volatile Organics						
1,1,1-Trichloroethane		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
1,1-Dichloroethane		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
1,2-Dichloroethane		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
2-Butanone		ND(0.011)	ND(0.011)	ND(0.011)	NS	ND(0.011)
2-Chloroethylvinylether		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Acetone		ND(0.022)	ND(0.022)	ND(0.022)	NS	ND(0.022)
Benzene		ND(0.00550)	ND(0.00550)	ND(0.00560)	NS	ND(0.00550)
Carbon Disulfide		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Chlorobenzene		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055) J
Ethylbenzene		ND(0.00550)	ND(0.00550)	ND(0.00560)	NS	ND(0.00550)
Methylene Chloride		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Styrene		ND(0.00550)	ND(0.00550)	ND(0.00560)	NS	ND(0.0055) J
Tetrachloroethene		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055) J
Toluene		ND(0.00550)	ND(0.00550)	ND(0.00560)	NS	ND(0.0055) J
Trichloroethene		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Trichlorofluoromethane		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Xylenes (total)		ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055) J
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
1,2,4-Trichlorobenzene		ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
1,2-Dichlorobenzene		ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
1,2-Diphenylhydrazine		ND(0.37)	ND(0.37)	ND(0.38)	NS	ND(0.37) J
1,3-Dichlorobenzene		ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
1,3-Dinitrobenzene		ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
1,4-Dichlorobenzene		ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
2,4-Dimethylphenol		ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
2-Chloronaphthalene		ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
2-Chlorophenol		ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
2-Methylnaphthalene		0.0800 J	0.120 J	ND(0.380)	NS	ND(0.370)
2-Methylphenol		ND(0.370)	0.230 J	ND(0.380)	NS	ND(0.370)
2-Nitroaniline		ND(1.90)	ND(1.90)	ND(1.90)	NS	ND(1.90)
3&4-Methylphenol		ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
4-Chloroaniline		ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
4-Chlorobenzilate		ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
4-Phenylenediamine		ND(0.74) J	ND(0.74) J	ND(0.75) J	NS	ND(0.74) J
Acenaphthene		ND(0.370)	1.10	ND(0.380)	NS	ND(0.370)
Acenaphthylene		ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Acetophenone		ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Aniline		ND(0.370)	21.0	ND(0.380)	NS	ND(0.370)
Anthracene		ND(0.370)	0.890	ND(0.380)	NS	ND(0.370)
Benzo(a)anthracene		0.200 J	2.70	ND(0.380)	NS	ND(0.370)
Benzo(a)pyrene		0.530	2.30	ND(0.380)	NS	ND(0.370)
Benzo(b)fluoranthene		0.840	2.20	ND(0.380)	NS	ND(0.370)
Benzo(g,h,i)perylene		0.760	1.30	ND(0.380)	NS	ND(0.370)
Benzo(k)fluoranthene		0.620	2.50	ND(0.380)	NS	ND(0.370)
Benzyl Alcohol		ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.74) J
bis(2-Ethylhexyl)phthalate		ND(0.360)	ND(0.360)	ND(0.370)	NS	ND(0.360)
Chrysene		0.300 J	2.90	0.200 J	NS	ND(0.370)
Dibenzo(a,h)anthracene		0.290 J	ND(0.370)	ND(0.380)	NS	ND(0.370)
Dibenzofuran		ND(0.370)	0.450	ND(0.380)	NS	ND(0.370)
Diethylphthalate		ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Dimethylphthalate		ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Di-n-Butylphthalate		ND(0.370)	1.20	ND(0.380)	NS	ND(0.370)
Diphenylamine		ND(0.37)	ND(0.37)	ND(0.38)	NS	ND(0.37)
Fluoranthene		0.340 J	4.90	ND(0.380)	NS	ND(0.370)
Fluorene		ND(0.370)	0.720	ND(0.380)	NS	ND(0.370)
Hexachlorobenzene		ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Indeno(1,2,3-cd)pyrene		0.740	1.20	ND(0.380)	NS	ND(0.370)
Naphthalene		0.0900 J	0.340 J	ND(0.380)	NS	ND(0.370)
Nitrobenzene		ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
N-Nitrosodiphenylamine		ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
o-Toluidine		ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E / RAA4-P3 / 0-1 / 07/08/02	4E / RAA4-P6 / 0-1 / 06/26/02	4E / RAA4-P14 / 0-1 / 06/26/02	4E / RAA4-P16 / 3-6 / 06/17/02	4E / RAA4-Q05 / 3-6 / 06/27/02
Semivolatile Organics (continued)						
Pentachlorobenzene		ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Pentachlorophenol		ND(1.90)	ND(1.90)	ND(1.90)	NS	ND(1.90)
Phenanthrene		0.110 J	5.40	ND(0.380)	NS	ND(0.370)
Phenol		ND(0.370)	1.40	ND(0.380)	NS	ND(0.370)
Pyrene		0.320 J	5.80	ND(0.380)	NS	ND(0.370)
Pyridine		ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Furans						
2,3,7,8-TCDF		0.000029 Y	0.000020 Y	0.0000042 Y	0.00070 YEJ	0.00000040 J
TCDFs (total)		0.00022	0.00017	0.000035	0.0043 QI	0.0000069
1,2,3,7,8-PeCDF		0.000012	0.0000068 J	0.0000016 J	0.00087 Q	0.00000041 J
2,3,4,7,8-PeCDF		0.000037	0.000024	0.0000073	0.0021 EJ	0.00000073 J
PeCDFs (total)		0.00029 QI	0.00024 Q	0.00012	0.0098 QI	0.0000070
1,2,3,4,7,8-HxCDF		0.000035	0.000016	0.0000041	0.0038 EIJ	0.00000075 J
1,2,3,6,7,8-HxCDF		0.000017	0.000011 J	0.0000040	0.0011 EIJ	0.00000057 J
1,2,3,7,8,9-HxCDF		0.0000073	0.0000034 J	ND(0.0000011) X	0.0020 EJ	0.00000028 J
2,3,4,6,7,8-HxCDF		0.000027	0.000024	0.000012	0.0012 EJ	0.00000082 J
HxCDFs (total)		0.00034	0.00038	0.00016	0.013 I	0.0000065
1,2,3,4,6,7,8-HpCDF		0.000040	0.000034	0.000011	0.0014 EJ	0.0000029
1,2,3,4,7,8,9-HpCDF		0.0000085	0.0000045 J	0.0000015 J	0.0012 EJ	0.00000016 J
HpCDFs (total)		0.000092	0.000038	0.000029	0.0041	0.0000035
OCDF		0.000059	0.000028	0.0000044 J	0.0014 I	0.0000020 J
Dioxins						
2,3,7,8-TCDD		ND(0.00000032) X	ND(0.00000050)	ND(0.00000038)	0.0000025	ND(0.00000015)
TCDDs (total)		0.0000032	0.000010	ND(0.00000038)	0.000055 Q	0.0000013
1,2,3,7,8-PeCDD		ND(0.0000012) X	ND(0.00000082) X	ND(0.00000034)	ND(0.0000092) X	0.00000023 J
PeCDDs (total)		0.0000033	0.0000054 Q	ND(0.00000034)	0.000039 Q	0.0000016
1,2,3,4,7,8-HxCDD		0.00000074 J	0.0000027 J	ND(0.00000040)	0.0000071	0.00000023 J
1,2,3,6,7,8-HxCDD		0.000014	0.0000044 J	ND(0.00000035)	0.000010	ND(0.00000029) X
1,2,3,7,8,9-HxCDD		0.0000046	ND(0.0000036) X	ND(0.00000036)	0.0000088	ND(0.00000038) X
HxCDDs (total)		0.00013	0.000038	0.00000069	0.00013	0.0000047
1,2,3,4,6,7,8-HpCDD		0.000043	0.000077	0.0000020 J	0.000053	0.0000030
HpCDDs (total)		0.000090	0.00015	0.0000039	0.00010	0.0000064
OCDD		0.00018	0.00071	0.0000099	0.00014	0.000080
Total TEQs (WHO TEFs)		0.000034	0.000023	0.0000068	0.0020	0.0000011
Inorganics						
Antimony		1.40 B	ND(6.00) J	ND(6.00) J	NS	6.40
Arsenic		6.40	5.80	3.80	NS	12.0
Barium		1400	53.0 J	26.0 J	NS	24.0
Beryllium		ND(0.500)	ND(0.500)	ND(0.500)	NS	ND(0.500)
Cadmium		0.110 B	ND(0.500)	ND(0.500)	NS	0.980
Chromium		22.0	13.0	5.40	NS	18.0
Cobalt		ND(5.00)	ND(5.00)	6.40	NS	8.20
Copper		44.0	1100 J	11.0 J	NS	17000
Cyanide		0.140 B	0.190	ND(0.110)	NS	0.100 B
Lead		190	130	6.50	NS	160
Mercury		0.100 B	ND(0.110)	ND(0.110)	NS	ND(0.110)
Nickel		12.0	9.50	12.0	NS	16.0
Selenium		ND(1.00)	ND(1.00) J	ND(1.00) J	NS	ND(1.00) J
Silver		ND(1.00)	ND(1.00)	ND(1.00)	NS	ND(1.00)
Sulfide		35.0	110 J	13.0 J	NS	300
Thallium		2.20	1.50 J	1.00 J	NS	5.90
Tin		ND(10.0)	ND(11.0)	ND(10.0)	NS	270
Vanadium		14.0	21.0 J	6.50 J	NS	23.0
Zinc		120	170	34.0	NS	3200

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	4E RAA4-Q6 1-3 06/18/02	4E RAA4-Q8 0-1 06/26/02	4E RAA4-R4 0-1 06/26/02	4E RAA4-R5 0-1 06/26/02
Volatile Organics				
1,1,1-Trichloroethane	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
1,1-Dichloroethane	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
1,2-Dichloroethane	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
2-Butanone	ND(0.011)	ND(0.010)	ND(0.012) [ND(0.012)]	ND(0.012)
2-Chloroethylvinylether	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Acetone	ND(0.022)	ND(0.021)	ND(0.024) [ND(0.024)]	ND(0.023)
Benzene	ND(0.00540)	ND(0.0052)	ND(0.00600) [ND(0.00600)]	ND(0.00580)
Carbon Disulfide	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Chlorobenzene	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Ethylbenzene	ND(0.00540)	ND(0.0052)	ND(0.00600) [ND(0.00600)]	ND(0.00580)
Methylene Chloride	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Styrene	ND(0.00540)	ND(0.0052)	ND(0.00600) [ND(0.00600)]	ND(0.00580)
Tetrachloroethene	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Toluene	ND(0.00540)	ND(0.0052)	ND(0.00600) [ND(0.00600)]	ND(0.00580)
Trichloroethene	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Trichlorofluoromethane	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Xylenes (total)	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
1,2,4-Trichlorobenzene	ND(0.360)	ND(0.350)	ND(0.400) [0.250 J]	0.35 J
1,2-Dichlorobenzene	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
1,2-Diphenylhydrazine	ND(0.36)	ND(0.35)	ND(0.40) [ND(0.44)]	ND(0.39) J
1,3-Dichlorobenzene	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
1,3-Dinitrobenzene	ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
1,4-Dichlorobenzene	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
2,4-Dimethylphenol	ND(0.360)	R	ND(0.400) [ND(0.440)]	ND(0.390)
2-Chloronaphthalene	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
2-Chlorophenol	ND(0.360)	R	ND(0.400) [ND(0.440)]	ND(0.390)
2-Methylnaphthalene	ND(0.360)	ND(0.350)	ND(0.400) [0.120 J]	ND(0.39) J
2-Methylphenol	ND(0.360)	R	ND(0.400) [ND(0.440)]	ND(0.390)
2-Nitroaniline	ND(1.80)	ND(1.80)	ND(2.00) [ND(2.20)]	ND(2.0) J
3&4-Methylphenol	ND(0.720)	R	ND(0.800) [ND(0.810)]	ND(0.780)
4-Chloroaniline	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
4-Chlorobenzilate	ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
4-Phenylenediamine	ND(0.72) J	ND(0.70) J	ND(0.80) J [ND(0.81) J]	ND(0.78) J
Acenaphthene	ND(0.360)	ND(0.350)	0.089 J [0.96 J]	0.69 J
Acenaphthylene	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
Acetophenone	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
Aniline	ND(0.360)	ND(0.350)	ND(0.400) [0.980]	4.1 J
Anthracene	ND(0.360)	ND(0.350)	ND(0.400) [0.760]	0.69 J
Benzo(a)anthracene	ND(0.360)	ND(0.350)	0.27 J [0.87 J]	2.4 J
Benzo(a)pyrene	ND(0.36) J	ND(0.350)	0.49 J [2.0 J]	4.7 J
Benzo(b)fluoranthene	ND(0.36) J	ND(0.350)	0.41 J [1.8 J]	4.4 J
Benzo(g,h,i)perylene	ND(0.360)	ND(0.350)	ND(0.400) [1.00]	3.6 J
Benzo(k)fluoranthene	ND(0.360)	ND(0.350)	0.29 J [1.5 J]	3.8 J
Benzyl Alcohol	ND(0.720)	R	ND(0.800) [ND(0.890)]	ND(0.780)
bis(2-Ethylhexyl)phthalate	ND(0.360)	ND(0.340)	ND(0.390) [ND(0.400)]	ND(0.38) J
Chrysene	ND(0.360)	ND(0.350)	0.32 J [0.97 J]	2.4 J
Dibenzo(a,h)anthracene	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
Dibenzofuran	ND(0.360)	ND(0.350)	ND(0.400) [0.270 J]	ND(0.78) J
Diethylphthalate	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	1.3 J
Dimethylphthalate	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	0.28 J
Di-n-Butylphthalate	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
Diphenylamine	ND(0.36)	ND(0.35)	ND(0.40) [ND(0.44)]	ND(0.39) J
Fluoranthene	ND(0.360)	ND(0.350)	0.50 J [2.6 J]	5.1 J
Fluorene	ND(0.360)	ND(0.350)	ND(0.400) [0.570]	0.44 J
Hexachlorobenzene	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
Indeno(1,2,3-cd)pyrene	ND(0.360)	ND(0.350)	ND(0.400) [0.820]	3.2 J
Naphthalene	ND(0.360)	ND(0.350)	ND(0.400) [0.440]	0.30 J
Nitrobenzene	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
N-Nitrosodiphenylamine	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
o-Toluidine	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E / RAA4-Q6 / 1-3 / 06/18/02	4E / RAA4-Q8 / 0-1 / 06/26/02	4E / RAA4-R4 / 0-1 / 06/26/02	4E / RAA4-R5 / 0-1 / 06/26/02
Semivolatile Organics (continued)					
Pentachlorobenzene		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
Pentachlorophenol		ND(1.80)	R	ND(2.00) [ND(2.20)]	ND(2.00)
Phenanthrene		ND(0.360)	ND(0.350)	0.50 J [3.3 J]	3.6 J
Phenol		ND(0.360)	ND(0.350)	ND(0.400) [0.0960 J]	0.370 J
Pyrene		ND(0.360)	ND(0.350)	0.84 J [2.8 J]	3.8 J
Pyridine		ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
Furans					
2,3,7,8-TCDF		0.0000020 Y	0.0000061 Y	0.00019 YJ [0.00039 YJ]	0.00021 Y
TCDFs (total)		0.000015	0.000073	0.0020 J [0.0042 J]	0.0023
1,2,3,7,8-PeCDF		0.00000047 J	0.0000035	0.00013 I J [0.00026 J]	0.00029
2,3,4,7,8-PeCDF		0.0000024	0.000012	0.00024 J [0.00055 J]	0.00091
PeCDFs (total)		0.000021	0.000085	0.0024 QIJ [0.0044 QIJ]	0.0050 Q
1,2,3,4,7,8-HxCDF		0.00000080 J	0.0000039	0.00040 J [0.00075 J]	0.0035
1,2,3,6,7,8-HxCDF		0.00000041 J	0.0000042	0.00022 I [0.00034 I]	0.0015
1,2,3,7,8,9-HxCDF		ND(0.00000021)	0.0000012 J	0.000083 [0.00013]	0.00098
2,3,4,6,7,8-HxCDF		0.0000010 J	0.000016	0.00023 J [0.00040 J]	0.00078
HxCDFs (total)		0.000013	0.00024	0.0032 I J [0.0057 IJ]	0.013 Q
1,2,3,4,6,7,8-HpCDF		0.00000082 J	0.000011	0.00041 J [0.00071 J]	0.00089
1,2,3,4,7,8,9-HpCDF		R	0.0000015 J	0.00010 [0.00016]	0.00076
HpCDFs (total)		0.0000020	0.000033	0.00087 J [0.0015 J]	0.0025
OCDF		0.00000043 J	0.0000040 J	0.00027 J [0.00055 J]	0.00086
Dioxins					
2,3,7,8-TCDD		ND(0.00000011)	ND(0.00000023)	ND(0.0000024) X [0.0000037 J]	0.0000026 J
TCDDs (total)		ND(0.00000014)	ND(0.00000023)	0.000084 J [0.00019 J]	0.000066
1,2,3,7,8-PeCDD		ND(0.00000021)	ND(0.00000039)	ND(0.000011) X [ND(0.000018) X]	ND(0.000011) X
PeCDDs (total)		ND(0.00000021)	ND(0.00000039)	0.000066 QJ [0.00019 QJ]	0.000011 Q
1,2,3,4,7,8-HxCDD		ND(0.00000021)	ND(0.00000036)	0.0000092 J [0.000021 J]	0.0000044 J
1,2,3,6,7,8-HxCDD		ND(0.00000021)	ND(0.00000032)	0.000010 J [0.000023 J]	0.0000070 J
1,2,3,7,8,9-HxCDD		ND(0.00000021)	ND(0.00000032)	0.0000079 J [0.000019 J]	0.0000048 J
HxCDDs (total)		ND(0.00000026)	0.0000011	0.00016 J [0.00040 J]	0.000093
1,2,3,4,6,7,8-HpCDD		ND(0.00000042) X	0.0000023	0.000060 J [0.00011 J]	0.000040
HpCDDs (total)		0.00000037	0.0000049	0.00013 J [0.00023 J]	0.000080
OCDD		0.0000029 J	0.000013	0.00025 J [0.00042 J]	0.00023
Total TEQs (WHO TEFs)		0.0000019	0.0000098	0.00025 [0.00052]	0.0012
Inorganics					
Antimony		ND(6.00)	ND(6.00) J	ND(6.00) J [ND(6.00) J]	0.990 J
Arsenic		2.40 J	6.20	19.0 [18.0]	9.30
Barium		40.0	35.0 J	120 J [110 J]	120 J
Beryllium		ND(0.500)	ND(0.500)	ND(0.500) [ND(0.500)]	ND(0.500)
Cadmium		ND(0.500)	ND(0.500)	ND(0.500) [ND(0.500)]	ND(0.500)
Chromium		3.70	9.80	12.0 [13.0]	17.0
Cobalt		6.70	9.60	ND(5.00) [ND(5.00)]	9.20
Copper		13.0	24.0 J	110 J [120 J]	210 J
Cyanide		ND(0.110)	ND(0.100)	0.330 [0.470]	0.340
Lead		5.10	7.80	130 [160]	150
Mercury		ND(0.110)	ND(0.100)	0.560 [0.780]	0.200
Nickel		8.40	19.0	12.0 [12.0]	21.0
Selenium		ND(1.00)	ND(1.00) J	1.20 J [0.700 J]	0.560 J
Silver		ND(1.00)	ND(1.00)	ND(1.00) [ND(1.00)]	ND(1.00)
Sulfide		31.0	18.0 J	61.0 J [41.0 J]	56.0 J
Thallium		ND(1.60)	1.70 J	3.70 J [2.30 J]	3.30 J
Tin		ND(10.0)	ND(10.0)	16.0 J [18.0 J]	17.0 J
Vanadium		ND(5.00)	14.0 J	18.0 J [18.0 J]	18.0 J
Zinc		30.0	45.0	270 [300]	390

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH 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. Only those constituents detected in one or more samples are summarized.
3. 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).
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. NS - Not Sampled - Parameter was not requested on sample chain of custody form.
6. 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.
7. Duplicate sample results are presented in brackets.
8. With the exception of dioxin/furans, only those constituents detected in at least one sample are summarized.

Data Qualifiers:

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

B - Analyte was also detected in the associated method blank.
E - Analyte exceeded calibration range.
I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
J - Indicates that the associated numerical value is an estimated concentration.
Q - Indicates the presence of quantitative interferences.
X - Estimated maximum possible concentration.
Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.
S - The quantity of analyte has saturated the detector. This may cause the ion ratio to be outside of theoretical limits.
R - Data was rejected due to a quality assurance/quality control deficiency.

Inorganics

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Location ID	Depth(Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Averaging Area 4A											
219B0102	95-19	1-2	2/13/1996	ND(0.038)	ND(0.072)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	4.8	4.8
219B0204	95-19	2-4	2/13/1996	ND(0.036)	ND(0.072)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	1.9	1.9
219B0406	95-19	4-6	2/13/1996	ND(0.036)	ND(0.074)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.66 P	0.66
219B0608	95-19	6-8	2/13/1996	ND(0.037)	ND(0.076)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.22	0.22
219B0810	95-19	8-10	2/13/1996	ND(0.18)	ND(0.38)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	0.98 P	0.98
219B1012	95-19	10-12	2/13/1996	ND(0.038)	ND(0.076)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.21	0.21
219B1214	95-19	12-14	2/13/1996	ND(0.044)	ND(0.089)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.15	0.15
219B1416	95-19	14-16	2/13/1996	ND(0.044)	ND(0.090)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.072	0.072
219B1618	95-19	16-18	2/13/1996	ND(0.033)	ND(0.067)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	0.13	0.13
P2Y110002	Y-11	0-2	6/12/1991	ND(0.12)	NA	ND(0.12)	ND(0.12)	ND(0.12)	14	6.5	20.5
P2Y110204	Y-11	2-4	6/12/1991	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	10	12	22
P2Y110406	Y-11	4-6	6/12/1991	ND(0.25)	NA	ND(0.25)	ND(0.25)	ND(0.25)	22	12	34
P2Y110608	Y-11	6-8	6/12/1991	ND(0.20)	NA	ND(0.20)	ND(0.20)	ND(0.20)	15	6.2	21.2
P2Y110810	Y-11	8-10	6/12/1991	ND(0.10)	NA	ND(0.10)	ND(0.10)	ND(0.10)	7.0	2.5	9.5
P2Y120002	Y-12	0-2	6/12/1991	ND(3.1)	NA	ND(3.1)	ND(3.1)	ND(3.1)	95	24	119
P2Y120204	Y-12	2-4	6/12/1991	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	39	ND(0.40)	39
P2Y120406	Y-12	4-6	6/12/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2Y120608	Y-12	6-8	6/12/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.38	ND(0.30)	0.38
P2Y120810	Y-12	8-10	6/12/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.95	0.65	1.6
P2Y160002	Y-16	0-2	6/14/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2Y160204	Y-16	2-4	6/14/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.12	ND(0.050)	0.12
P2Y160406	Y-16	4-6	6/14/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.070	ND(0.050)	0.070
P2Y160608	Y-16	6-8	6/14/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2Y160810	Y-16	8-10	6/14/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.080	ND(0.020)	0.080
P2Y170204	Y-17	2-4	6/18/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	6.3	ND(0.020)	6.3
P2Y210002	Y-21	0-2	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.35	0.56	0.91
P2Y210204	Y-21	2-4	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	1.1	1.1
P2Y210406	Y-21	4-6	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.26	0.26
P2Y210608	Y-21	6-8	6/24/1991	ND(0.050) [ND(0.050)]	NA	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]
P2Y210810	Y-21	8-10	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2Y211012	Y-21	10-12	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2Y211214	Y-21	12-14	6/24/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.44	0.44	
P2Y211214(IT)	Y-21	12-14	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.21	0.21
P2Y211416	Y-21	14-16	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2Y220002	Y-22	0-2	6/24/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
P2Y220002(IT)	Y-22	0-2	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2Y220204	Y-22	2-4	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2Y220406	Y-22	4-6	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2Y220608	Y-22	6-8	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2Y220810	Y-22	8-10	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Averaging Area 4B											
202B000.5	95-02	0-0.5	2/15/1996	ND(0.062)	ND(0.13	ND(0.062)	ND(0.062)	ND(0.062)	ND(0.062)	3.5	3.5
202B0204	95-02	2-4	2/15/1996	ND(0.038)	ND(0.077)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.81	0.81
202B0406	95-02	4-6	2/15/1996	ND(0.053)	ND(0.11)	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)	0.14	0.14
202B0608	95-02	6-8	2/15/1996	ND(0.053)	ND(0.11)	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)
202B0810	95-02	8-10	2/15/1996	ND(0.038)	ND(0.077)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.032 J	0.032 J
202B1012	95-02	10-12	2/15/1996	ND(0.039)	ND(0.080)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.012 J	0.012 J
204B0002	95-04	0-2	3/11/1996	ND(0.37)	ND(0.76)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	3.8	3.8
204B0204	95-04	2-4	3/11/1996	ND(2.0)	ND(4.1)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	390	390
204B0810	95-04	8-10	3/11/1996	ND(0.36)	ND(0.74)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	150	150
204B1012	95-04	10-12	3/11/1996	ND(2.1)	ND(4.2)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	4.8	4.8
205B0204	95-05	2-4	2/12/1996	ND(0.35)	ND(0.71)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	29	29
205B0406	95-05	4-6	2/12/1996	ND(0.74)	ND(1.5)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	140	140
205B0810	95-05	8-10	2/12/1996	ND(0.043)	ND(0.087)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	7.5	7.5
205B1012	95-05	10-12	2/12/1996	ND(1.9)	ND(3.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	68	68
205B1214	95-05	12-14	2/12/1996	ND(2.0)	ND(4.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	66	66
206S0-6	206S	0-0.5	9/17/1997	ND(8.5)	ND(17)	ND(8.5)	ND(8.5)	ND(8.5)	ND(8.5)	310 B	310

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

Sample ID	Location ID	Depth(Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Averaging Area 4B (continued)											
207B0002	95-07	0-2	2/23/1996	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	3100	3100
207B0204	95-07	2-4	2/23/1996	ND(0.18)	ND(0.37)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.37)
207B0406	95-07	4-6	2/23/1996	ND(1.9)	ND(3.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	13 P	13
207B0608	95-07	6-8	2/23/1996	ND(0.36)	ND(0.72)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.72)
207B0810	95-07	8-10	2/23/1996	ND(0.38)	ND(0.77)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	1.1	1.1
207B1214	95-07	12-14	2/23/1996	ND(0.38)	ND(0.78)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.78)
207B1416	95-07	14-16	2/23/1996	ND(2.3)	ND(4.6)	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	ND(4.6)
207B1820	95-07	18-20	2/23/1996	ND(1.9)	ND(3.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	2100	2100
207S0-6	207S	0-0.5	9/17/1997	ND(1.8)	ND(9.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	1.8 B	1.8
208B0002	95-08	0-2	2/29/1996	ND(0.038)	ND(0.076)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.65	0.65
208B0204	95-08	2-4	2/29/1996	ND(0.038)	ND(0.078)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	5.2	5.2
208B0406	95-08	4-6	2/29/1996	ND(0.035)	ND(0.072)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.072)
208B0608	95-08	6-8	2/29/1996	ND(0.036)	ND(0.073)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.032 JP	0.032 J
208B0810	95-08	8-10	2/29/1996	ND(0.036)	ND(0.073)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.048 J	0.048 J
208B1012	95-08	10-12	2/29/1996	ND(0.041)	ND(0.083)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.083)
208B1214	95-08	12-14	2/29/1996	ND(0.037)	ND(0.076)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.076)
208B1416	95-08	14-16	2/29/1996	ND(0.045)	ND(0.091)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.091)
209S0-6	209S	0-0.5	9/17/1997	ND(0.38)	ND(0.76)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	3.8 B	3.8
223B0608	95-26	6-8	2/22/1996	ND(0.035)	ND(0.071)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.034 J	0.034 J
226B0002	95-26	0-2	2/22/1996	ND(0.78)	ND(1.6)	ND(0.78)	ND(0.78)	ND(0.78)	ND(0.78)	330 P	330
226B00204	95-26	2-4	2/22/1996	ND(0.040)	ND(0.081)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	11 P	11
226B0406	95-26	4-6	2/22/1996	ND(0.041)	ND(0.084)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	5.4	5.4
226B0810	95-26	8-10	2/22/1996	ND(0.042)	ND(0.086)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	1.4 P	1.4
226B1012	95-26	10-12	2/22/1996	ND(0.42)	ND(0.86)	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	0.44 J	0.44 J
E2SC-05-CS01	E2SC-05	0-1	10/25/1998	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	1.6	1.6
E2SC-05-CS0106	E2SC-05	1-6	10/25/1998	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.29	0.29
E2SC-05-CS0615	E2SC-05	6-15	10/25/1998	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.13	0.13
E2SC-06-CS01	E2SC-06	0-1	10/23/1998	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.59	0.59
E2SC-06-CS0106	E2SC-06	1-6	10/23/1998	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.072	0.072
E2SC-06-CS0615	E2SC-06	6-15	10/23/1998	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)
E2SC-07-CS01	E2SC-07	0-1	10/28/1998	ND(0.075)	ND(0.075)	ND(0.075)	ND(0.075)	ND(0.075)	ND(0.075)	0.79	0.79
E2SC-07-CS0106	E2SC-07	1-6	10/28/1998	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.28	0.28
E2SC-07-CS0615	E2SC-07	6-15	10/28/1998	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	1.4	1.4
E2SC-14-CS01	E2SC-14	0-1	10/8/1998	ND(0.077)	ND(0.077)	ND(0.077)	ND(0.077)	ND(0.077)	ND(0.077)	0.60	0.60
E2SC-14-CS0106	E2SC-14	1-6	10/8/1998	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
E2SC-14-CS0615	E2SC-14	6-15	10/8/1998	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
E2SC-25-CS01	E2SC-25	0-1	8/16/1999	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	3.1	3.1
E2SC-25-CS0106	E2SC-25	1-6	8/16/1999	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)
E2SC-25-CS0615	E2SC-25	6-15	8/16/1999	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	2.4	2.4
E2SC-25-CS0615D	E2SC-25	6-15	8/16/1999	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	2.4	2.4
P2X040002	X-4	0-2	6/25/1991	NA	NA	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.43	0.43
P2X040204	X-4	2-4	6/25/1991	NA	NA	NA	ND(2.8)	ND(2.8)	ND(4.4)	100	100
P2X040406	X-4	4-6	6/25/1991	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	0.37	0.37
P2X040406(IT)	X-4	4-6	6/25/1991	ND(45)	NA	ND(45)	ND(45)	ND(45)	ND(51)	1800	1800
P2X040608	X-4	6-8	6/25/1991	ND(7.4)	NA	ND(7.4)	ND(7.4)	ND(7.4)	110	190	300
P2X040810	X-4	8-10	6/25/1991	ND(2.6)	NA	ND(2.6)	ND(2.6)	2.6	29	73	105
P2X041012	X-4	10-12	6/25/1991	ND(74)	NA	ND(74)	ND(74)	ND(74)	ND(99)	3500	3500
P2X050002	X-5	0-2	6/25/1991	ND(0.15)	NA	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.19)	7.5	7.5
P2X050204	X-5	2-4	6/25/1991	ND(9.4)	NA	ND(9.4)	ND(9.4)	ND(9.4)	ND(9.4)	280	280
P2X050406	X-5	4-6	6/25/1991	ND(20)	NA	ND(20)	ND(20)	20	150	150	320
P2X050608	X-5	6-8	6/25/1991	ND(22)	NA	ND(22)	ND(22)	22	85	360	467
P2X050810	X-5	8-10	6/25/1991	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(3800)	ND(730)	ND(3800)
P2X050810(IT)	X-5	8-10	6/25/1991	ND(33)	NA	ND(33)	ND(33)	ND(33)	ND(33)	1100	1100
P2X051012	X-5	10-12	6/25/1991	ND(0.23)	NA	ND(0.23)	ND(0.23)	ND(0.23)	2.8	3.8	6.6
P2X051214	X-5	12-14	6/25/1991	ND(0.39)	NA	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.42)	8.8	8.8
P2X060002	X-6	0-2	6/25/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.090)	2.2	2.2
P2X060204	X-6	2-4	6/25/1991	ND(1.2)	NA	ND(1.2)	ND(1.2)	ND(1.2)	13	64	77

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

Sample ID	Location ID	Depth(Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Averaging Area 4B (continued)											
P2X060406	X-6	4-6	6/25/1991	ND(0.099)	ND(0.099)	ND(0.099)	ND(0.099)	ND(0.099)	ND(0.099)	2.6	2.6
P2X060406(IT)	X-6	4-6	6/25/1991	ND(1.6)	NA	ND(1.6)	ND(1.6)	ND(1.6)	ND(0.48)	75	75
P2X060608	X-6	6-8	6/25/1991	ND(0.10)	NA	ND(0.10)	ND(0.10)	ND(0.10)	3.7	2.0	5.7
P2X060810	X-6	8-10	6/25/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.070	0.070
P2X070002	X-7	0-2	6/26/1991	ND(0.13)	NA	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.20)	7.3	7.3
P2X070204	X-7	2-4	6/26/1991	ND(1.4)	NA	ND(1.4)	ND(1.4)	ND(1.4)	ND(0.98)	27	27
P2X070406	X-7	4-6	6/26/1991	ND(0.46)	NA	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.22)	9.1	9.1
P2X070608	X-7	6-8	6/26/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.80	0.80
P2X070608(IT)	X-7	6-8	6/26/1991	ND(0.54)	NA	ND(0.54)	ND(0.54)	ND(0.54)	ND(0.41)	18	18
P2X070810	X-7	8-10	6/26/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	1.1	1.1
P2X071012	X-7	10-12	6/26/1991	ND(0.34)	NA	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.45)	ND(15)	ND(15)
P2X071214	X-7	12-14	6/26/1991	ND(0.27)	NA	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.26)	8.2	8.2
P2X071416	X-7	14-16	6/26/1991	ND(1.1)	NA	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.2)	27	27
P2X080002	X-8	0-2	6/28/1991	ND(0.35)	NA	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.98)	26	26
P2X080204	X-8	2-4	6/28/1991	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	23	23
P2X080204(IT)	X-8	2-4	6/28/1991	ND(0.23)	NA	ND(0.23)	ND(0.23)	ND(0.23)	2.7	8.1	10.8
P2X080406	X-8	4-6	6/28/1991	ND(0.75)	NA	ND(0.75)	ND(0.75)	ND(0.75)	ND(1.1)	25	25
P2X080608	X-8	6-8	6/28/1991	ND(0.48)	NA	ND(0.48)	ND(0.48)	ND(0.48)	ND(0.48)	14	14
P2X080810	X-8	8-10	6/28/1991	ND(0.89)	NA	ND(0.89)	ND(0.89)	ND(0.89)	ND(1.0)	25	25
P2X081012	X-8	10-12	6/28/1991	ND(0.52)	NA	ND(0.52)	ND(0.52)	ND(0.52)	ND(0.99)	33	33
P2X081214	X-8	12-14	6/28/1991	ND(1.3)	NA	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.1)	39	39
P2X090002	X-9	0-2	7/1/1991	ND(0.13)	NA	ND(0.13)	ND(0.13)	ND(0.13)	3.1	3.1	6.2
P2X090204	X-9	2-4	7/1/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.080	0.43	0.51
P2X090406	X-9	4-6	7/1/1991	ND(0.25)	NA	ND(0.25)	ND(0.25)	ND(0.25)	1.1	6.4	7.5
P2X090608	X-9	6-8	7/1/1991	ND(0.33)	NA	ND(0.33)	ND(0.33)	ND(0.33)	0.91	6.3	7.21
P2X090810	X-9	8-10	7/1/1991	ND(1.5)	NA	ND(1.5)	ND(1.5)	ND(1.5)	ND(0.47)	10	10
P2X091012	X-9	10-12	7/1/1991	ND(0.26)	NA	ND(0.26)	ND(0.26)	ND(0.26)	1.3	7.7	9.0
P2X091214	X-9	12-14	7/1/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.060	0.060
P2X100002	X-10	0-2	7/2/1991	ND(0.81)	NA	ND(0.81)	ND(0.81)	ND(0.81)	ND(1.9)	50	50
P2X100204	X-10	2-4	7/2/1991	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	41	41
P2X100204(IT)	X-10	2-4	7/2/1991	ND(3.4)	NA	ND(3.4)	ND(3.4)	ND(3.4)	ND(3.8)	170	170
P2X100608	X-10	6-8	7/2/1991	ND(3.2)	NA	ND(3.2)	ND(3.2)	ND(3.2)	ND(4.1)	140	140
P2X100810	X-10	8-10	7/2/1991	ND(3.9)	NA	ND(3.9)	ND(3.9)	ND(3.9)	ND(4.1)	160	160
P2X101012	X-10	10-12	7/2/1991	ND(3.1)	NA	ND(3.1)	ND(3.1)	ND(3.1)	ND(1.5)	38	38
P2X120002	X-12	0-2	7/3/1991	ND(9.1)	NA	ND(9.1)	ND(9.1)	21	ND(9.1)	450	471
P2X120204	X-12	2-4	7/3/1991	ND(1.1)	NA	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.9)	40	40
P2X120406	X-12	4-6	7/3/1991	ND(0.13)	NA	ND(0.13)	ND(0.13)	ND(0.13)	0.58	5.1	5.68
P2X120608	X-12	6-8	7/3/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.070	0.17	0.24
P2X120810	X-12	8-10	7/3/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(5.2)	ND(5.2)
P2X120810(IT)	X-12	8-10	7/3/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	1.2	1.2
P2X130002	X-13	0-2	7/3/1991	ND(0.098)	ND(0.098)	ND(0.098)	ND(0.098)	ND(0.098)	ND(0.098)	1.3	1.3
P2X130002(IT)	X-13	0-2	7/3/1991	ND(0.19)	NA	ND(0.19)	ND(0.19)	ND(0.19)	4.1	9.9	14
P2X130406	X-13	4-6	7/3/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.11	0.59	0.70
P2X130810	X-13	8-10	7/3/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2X131012	X-13	10-12	7/3/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.13	0.13
P2X140002	X-14	0-2	7/5/1991	ND(0.14)	NA	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.40)	9.5	9.5
P2X140204		2-4	7/5/1991	ND(0.050)		ND(0.050)	ND(0.050)	ND(0.050)	ND(0.080)	1.5	1.5
P2X140406	X-14	4-6	7/5/1991	ND(0.098)	ND(0.098)	ND(0.098)	ND(0.098)	ND(0.098)	ND(0.098)	ND(0.098)	ND(0.098)
P2X140406(IT)	X-14	4-6	7/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.99	0.99
P2X140608	X-14	6-8	7/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.050	0.050
P2X140810	X-14	8-10	7/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2X141012	X-14	10-12	7/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.50	0.50
P2X141214	X-14	12-14	7/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	1.7	1.7
P2X141416	X-14	14-16	7/5/1991	ND(0.75)	NA	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.92)	35	35
P2X150002	X-15	0-2	7/5/1991	ND(0.090)	NA	ND(0.090)	ND(0.090)	ND(0.090)	0.37	17	17.4
P2X150204	X-15	2-4	7/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	1.1	2.3	3.4
P2X150406	X-15	4-6	7/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.81	1.7	2.51

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Sample ID	Location ID	Depth(Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Averaging Area 4B (continued)											
P2X150608	X-15	6-8	7/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.25	0.25
P2X150810	X-15	8-10	7/5/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
P2X150810(IT)	X-15	8-10	7/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	1.2	1.2
P2X151012	X-15	10-12	7/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.050	0.050
P2X151214	X-15	12-14	7/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2X151416	X-15	14-16	7/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	1.0	1.0
P2X160002	X-16	0-2	7/8/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.070	0.070
P2X160204	X-16	2-4	7/8/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.080	0.52	0.60
P2X160406	X-16	4-6	7/8/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2X160608	X-16	6-8	7/8/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.090	0.090
P2X160810	X-16	8-10	7/8/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
P2X160810(IT)	X-16	8-10	7/8/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.12	0.12
P2X161012	X-16	10-12	7/8/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2X161214	X-16	12-14	7/8/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.24	0.24
P2X180002	X-18	0-2	7/8/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2X180204	X-18	2-4	7/8/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2X180406	X-18	4-6	7/8/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.060	0.060
P2X180608	X-18	6-8	7/8/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2X180810	X-18	8-10	7/8/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.050	0.050
P2X181416	X-18	14-16	7/8/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.32	0.32
P2X181416(IT)	X-18	14-16	7/8/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2X190002	X-19	0-2	7/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.41	0.41
P2X190204	X-19	2-4	7/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.27	0.19	0.46
P2X190406	X-19	4-6	7/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.22	0.22
P2X190608	X-19	6-8	7/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.080	0.050	0.13
P2X190810	X-19	8-10	7/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.31	0.76	1.07
P2X200002	X-20	0-2	7/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	1.6	1.6
P2X200204	X-20	2-4	7/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2X200406	X-20	4-6	7/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2X200608	X-20	6-8	7/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2X200810	X-20	8-10	7/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2X201012	X-20	10-12	7/9/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.22	0.22
P2X201012(IT)	X-20	10-12	7/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2X201214	X-20	12-14	7/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.10	0.10
P2Y080002	Y-8	0-2	6/12/1991	ND(1.7)	NA	ND(1.7)	ND(1.7)	ND(1.7)	18	200	218
P2Y080204	Y-8	2-4	6/12/1991	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	3.4	6.4	9.8
P2Y080406	Y-8	4-6	6/12/1991	ND(0.090)	NA	ND(0.090)	ND(0.090)	ND(0.090)	1.3	6.7	8.0
P2Y080608	Y-8	6-8	6/12/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2Y080810	Y-8	8-10	6/12/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2Y090002	Y-9	0-2	6/7/1991	ND(49)	NA	ND(49)	ND(49)	ND(49)	1900	520	2420
P2Y090204	Y-9	2-4	6/7/1991	ND(0.90)	NA	ND(0.90)	ND(0.90)	ND(0.90)	47	7.0	54
P2Y090406	Y-9	4-6	6/7/1991	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	57	30	87
P2Y090608	Y-9	6-8	6/7/1991	ND(0.050) [ND(10)]	NA	ND(0.050) [ND(10)]	ND(0.050) [ND(10)]	ND(0.050) [ND(10)]	0.050 [220]	ND(0.040) [200]	0.050 [420]
P2Y090810	Y-9	8-10	6/7/1991	ND(5.7)	NA	ND(5.7)	ND(5.7)	ND(5.7)	120	120	240
P2Y091012	Y-9	10-12	6/7/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.68	0.67	1.35
P2Y100002	Y-10	0-2	6/20/1991	ND(2.4)	NA	ND(2.4)	ND(2.4)	ND(2.4)	72	43	115
P2Y100204	Y-10	2-4	6/20/1991	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	42	42
P2Y100204(IT)	Y-10	2-4	6/20/1991	ND(0.93)	NA	ND(0.93)	ND(0.93)	4.4	ND(0.93)	30	34.4
P2Y100406	Y-10	4-6	6/20/1991	ND(3.8)	NA	ND(3.8)	ND(3.8)	ND(3.8)	73	74	150
P2Y100608	Y-10	6-8	6/20/1991	ND(0.74)	NA	ND(0.74)	ND(0.74)	ND(0.74)	ND(1.6)	26	26
P2Y100810	Y-10	8-10	6/20/1991	ND(2.4)	NA	ND(2.4)	ND(2.4)	2.4	4.4	14	20.8
P2Y101012	Y-10	10-12	6/20/1991	ND(0.71) [ND(5.8)]	NA	ND(0.71) [ND(5.8)]	ND(0.71) [ND(5.8)]	2.1 [15]	ND(0.71) [ND(5.8)]	24 [170]	26.1 [185]
P2Y130002	Y-13	0-2	6/14/1991	ND(0.81)	NA	ND(0.81)	ND(0.81)	ND(0.81)	24	67	91
P2Y130204	Y-13	2-4	6/14/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	1.4	1.4
P2Y130406	Y-13	4-6	6/14/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.23	0.23
P2Y130608	Y-13	6-8	6/14/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	1.3	1.3
P2Y130810	Y-13	8-10	6/14/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.14	0.14

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

Sample ID	Location ID	Depth(Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Averaging Area 4B (continued)											
P2Y140002	Y-14	0-2	6/14/1991	ND(1.3)	NA	ND(1.3)	ND(1.3)	ND(1.3)	67	ND(3.7)	67
P2Y140204	Y-14	2-4	6/14/1991	ND(5.2)	NA	ND(5.2)	ND(5.2)	ND(5.2)	270	ND(13)	270
P2Y140406	Y-14	4-6	6/14/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	15	7.9	22.9
P2Y140608	Y-14	6-8	6/14/1991	ND(0.41)	NA	ND(0.41)	ND(0.41)	ND(0.41)	19	ND(0.82)	19
P2Y140810	Y-14	8-10	6/14/1991	ND(0.86)	NA	ND(0.86)	ND(0.86)	ND(0.86)	24	12	36
P2Y141012	Y-14	10-12	6/14/1991	ND(5.9)	NA	ND(5.9)	ND(5.9)	ND(5.9)	260	ND(11)	260
P2Y141214	Y-14	12-14	6/14/1991	ND(0.57) [ND(1.3)]	NA	ND(0.57) [ND(1.3)]	ND(0.57) [ND(1.3)]	ND(0.57) [ND(1.3)]	ND(0.24) [71]	8.3 [ND(4.6)]	8.3 [71]
P2Y150002	Y-15	0-2	6/20/1991	ND(6.0)	NA	ND(6.0)	ND(6.0)	12	ND(6.0)	140	152
P2Y150204	Y-15	2-4	6/20/1991	ND(88)	ND(3.9)	ND(88)	ND(88)	ND(3.9)	ND(88)	ND(34)	ND(88)
P2Y150204(IT)	Y-15	2-4	6/20/1991	ND(0.97)	NA	ND(0.97)	ND(0.97)	6.3	ND(0.97)	25	31.3
P2Y150406	Y-15	4-6	6/20/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.69	0.69
P2Y150608	Y-15	6-8	6/20/1991	ND(0.39)	NA	ND(0.39)	ND(0.39)	1.9	ND(0.39)	9.0	10.9
P2Y150810	Y-15	8-10	6/20/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2Y151012	Y-15	10-12	6/20/1991	ND(2.6)	NA	ND(2.6)	ND(2.6)	5.0	ND(2.6)	700	705
P2Y180204	Y-18	2-4	6/18/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	6.7	3.4	10.1
P2Y190002	Y-19	0-2	6/19/1991	ND(3.6)	NA	ND(3.6)	ND(3.6)	ND(3.6)	120	ND(10)	120
P2Y190204	Y-19	2-4	6/19/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.38	0.48	0.86
P2Y190406	Y-19	4-6	6/19/1991	ND(2.0)	NA	ND(2.0)	ND(2.0)	ND(2.0)	120	ND(6.8)	120
P2Y190608	Y-19	6-8	6/19/1991	ND(0.15)	NA	ND(0.15)	ND(0.15)	ND(0.15)	6.2	ND(0.72)	6.2
P2Y190810	Y-19	8-10	6/19/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2Y191012	Y-19	10-12	6/19/1991	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	34	3.8	37.8
P2Y191214	Y-19	12-14	6/19/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.14	0.47	0.61
P2Y200002	Y-20	0-2	6/20/1991	ND(8.0)	NA	ND(8.0)	ND(8.0)	ND(8.0)	ND(5.1)	140	140
P2Y200204	Y-20	2-4	6/20/1991	ND(13)	NA	ND(13)	ND(13)	ND(13)	ND(1.5)	30	30
P2Y200406	Y-20	4-6	6/20/1991	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	47	47
P2Y200406(IT)	Y-20	4-6	6/20/1991	ND(8.0)	NA	ND(8.0)	ND(8.0)	ND(8.0)	ND(5.5)	140	140
P2Y200608	Y-20	6-8	6/20/1991	ND(5.4)	NA	ND(5.4)	ND(5.4)	34	ND(5.4)	190	224
P2Y200810	Y-20	8-10	6/20/1991	ND(26)	NA	ND(26)	ND(26)	ND(26)	ND(11)	340	340
P2Y201012	Y-20	10-12	6/20/1991	ND(3.7)	NA	ND(3.7)	ND(3.7)	ND(3.7)	ND(13)	410	410
P2Y201214	Y-20	12-14	6/20/1991	ND(1.1)	NA	ND(1.1)	ND(1.1)	8.8	ND(1.1)	44	52.8
P2Y230002	Y-23	0-2	6/21/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.10	0.10
P2Y230204	Y-23	2-4	6/21/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.49	0.49
P2Y230204(IT)	Y-23	2-4	6/21/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2Y230406	Y-23	4-6	6/21/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2Y230608	Y-23	6-8	6/21/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2Y230810	Y-23	8-10	6/21/1991	ND(0.050) [ND(0.050)]	NA	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]
P2Y231012	Y-23	10-12	6/21/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2Y231214	Y-23	12-14	6/21/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2Y240002	Y-24	0-2	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.22	0.36	0.58
P2Y240204	Y-24	2-4	6/24/1991	ND(0.070)	NA	ND(0.070)	ND(0.070)	ND(0.070)	1.0	1.7	2.7
P2Y240406	Y-24	4-6	6/24/1991	ND(0.21)	NA	ND(0.21)	ND(0.21)	ND(0.21)	6.2	1.8	8.0
P2Y240608	Y-24	6-8	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2Y240810	Y-24	8-10	6/24/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	2.2	0.70	2.9
P2Y240810(IT)	Y-24	8-10	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2Y260002	Y-26	0-2	6/21/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.36	0.36
P2Y260204	Y-26	2-4	6/21/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
P2Y260204(IT)	Y-26	2-4	6/21/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.37	0.35	0.72
P2Y260406	Y-26	4-6	6/21/1991	ND(0.050) [ND(0.050)]	NA	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]
P2Y260608	Y-26	6-8	6/21/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2Y260810	Y-26	8-10	6/21/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2Y270406	Y-27	4-6	6/14/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
P205B0002	ES2-5	0-2	1/18/1991	ND(0.45)	NA	ND(0.45)	ND(0.45)	0.45	5.4	1.1	6.95
P205B0204	ES2-5	2-4	1/18/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P205B0406	ES2-5	4-6	1/18/1991	ND(0.15) [ND(0.020)]	NA	ND(0.15) [ND(0.020)]	ND(0.15) [ND(0.020)]	ND(0.15) [ND(0.020)]	0.71 [ND(0.020)]	ND(0.13) [2.8]	0.71 [2.8]
P205B0608	ES2-5	6-8	1/18/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P205B0810	ES2-5	8-10	1/18/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.070	ND(0.050)	0.070
P205B1012	ES2-5	10-12	1/18/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)

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Sample ID	Location ID	Depth(Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-12. 2	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Averaging Area 4B (continued)											
P205B1214	ES2-5	12-14	1/18/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P205B1416	ES2-5	14-16	1/18/1991	ND(0.21)	NA	ND(0.21)	ND(0.21)	0.21	1.3	0.46	1.97
RCP-SS-C1	RCP-C1	0-1	10/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.21)	1.8	1.8
RCP-SS-C2	RCP-C1	1-2	10/24/1991	ND(0.13)	NA	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.40)	18	18
Averaging Area 4D											
080598SB14	SL0005	1-1.5	8/5/1998	ND(2.4)	ND(2.4)	ND(2.4)	ND(2.4)	ND(2.4)	ND(2.4)	18	18
080698SB26	SL0036	2-2.5	8/6/1998	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)
083198MS25	SL0345	1-1.5	8/31/1998	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	0.24	0.16	0.40
090398MS04	SL0405	0-0.5	9/3/1998	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	43	39	82
206B0204	95-06	2-4	2/29/1996	ND(0.036)	ND(0.074)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	1.8	1.8
206B0406	95-06	4-6	2/29/1996	ND(0.036)	ND(0.072)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.041 P	0.041
206B0810	95-06	8-10	2/29/1996	ND(0.035)	ND(0.071)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	1.4	1.4
206B1012	95-06	10-12	2/29/1996	ND(0.035)	ND(0.071)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	34 P	34
206B1214	95-06	12-14	2/29/1996	ND(0.039)	ND(0.080)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	43 P	43
206B1416	95-06	14-16	2/29/1996	ND(0.039)	ND(0.079)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	44 P	44
211S0-6	211S	0-0.5	9/17/1997	ND(0.034)	ND(0.069)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	2.6 B	2.6
228B0002	95-28	0-2	3/11/1996	ND(0.19)	ND(0.39)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	20	20
228B0204	95-28	2-4	2/13/1996	ND(0.035)	ND(0.070)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.11	0.11
228B0406	95-28	4-6	3/11/1996	ND(0.039)	ND(0.080)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.028 J	0.028 J
228B0608	95-28	6-8	3/11/1996	ND(0.039)	ND(0.079)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.10	0.10
228B0810	95-28	8-10	3/11/1996	ND(0.039)	ND(0.078)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.053	0.053
228B1012	95-28	10-12	3/11/1996	ND(0.040)	ND(0.080)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.015 J	0.015 J
E2SC-01-CS01	E2SC-01	0-1	10/9/1998	ND(0.074)	ND(0.074)	ND(0.074)	ND(0.074)	ND(0.074)	ND(0.074)	0.66	0.66
E2SC-01-CS0106	E2SC-01	1-6	10/9/1998	ND(0.074)	ND(0.074)	ND(0.074)	ND(0.074)	ND(0.074)	ND(0.074)	0.71	0.71
E2SC-01-CS0615	E2SC-01	6-15	10/9/1998	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.055	0.055
E2SC-02-CS01	E2SC-02	0-1	10/21/1998	ND(4.3)	ND(4.3)	ND(4.3)	ND(4.3)	ND(4.3)	ND(4.3)	49	49
E2SC-02-CS0106	E2SC-02	1-6	10/21/1998	ND(4.2)	ND(4.2)	ND(4.2)	ND(4.2)	ND(4.2)	ND(4.2)	43	43
E2SC-02-CS0615	E2SC-02	6-15	10/21/1998	ND(1.7)	ND(1.7)	ND(1.7)	ND(1.7)	ND(1.7)	ND(1.7)	17	17
E2SC-03-CS01	E2SC-03	0-1	10/15/1998	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	25	25
E2SC-03-CS0106	E2SC-03	1-6	10/15/1998	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	52	52
E2SC-03-CS0615	E2SC-03	6-15	10/15/1998	ND(1.7)	ND(1.7)	ND(1.7)	ND(1.7)	ND(1.7)	ND(1.7)	22	22
E2SC-04-CS01	E2SC-04	0-1	10/13/1998	ND(0.075)	ND(0.075)	ND(0.075)	ND(0.075)	ND(0.075)	ND(0.075)	0.99	0.99
E2SC-04-CS0106	E2SC-04	1-6	10/13/1998	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.17	0.19	0.36
E2SC-04-CS0615	E2SC-04	6-15	10/13/1998	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
E2SC-04-GS01	E2SC-04	0-5	10/13/1998	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.12	0.12
E2SC-04-GS02	E2SC-04	5-15.4	10/13/1998	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
E2SC-08-CS0106	E2SC-08	1-6	10/14/1998	ND(0.49)	ND(0.49)	ND(0.49)	ND(0.49)	ND(0.49)	ND(0.49)	170	170
E2SC-08-CS0615	E2SC-08	6-15	10/14/1998	ND(41)	ND(41)	ND(41)	ND(41)	ND(41)	ND(41)	210	210
E2SC-09-CS01	E2SC-09	0-1	10/21/1998	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	20	20
E2SC-09-CS0106	E2SC-09	1-6	10/21/1998	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	3.9	3.9
E2SC-09-CS0615	E2SC-09	6-15	10/21/1998	ND(15)	ND(15)	ND(15)	ND(15)	ND(15)	ND(15)	140	140
E2SC-10-CS01	E2SC-10	0-1	10/20/1998	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.19	0.19
E2SC-10-CS0106	E2SC-10	1-6	10/20/1998	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.15	0.15
E2SC-10-CS0615	E2SC-10	6-15	10/20/1998	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
E2SC-11-CS01	E2SC-11	0-1	10/9/1998	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.10	0.10
E2SC-11-CS0106	E2SC-11	1-6	10/9/1998	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
E2SC-11-CS0615	E2SC-11	6-15	10/9/1998	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
E2SC-13-CS01	E2SC-13	0-1	10/7/1998	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.21	0.21
E2SC-13-CS0106	E2SC-13	1-6	10/7/1998	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
E2SC-13-CS0516	E2SC-13	6-15	10/7/1998	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.050	0.050
E2SC-16-CS01	E2SC-16	0-1	10/8/1998	ND(38)	ND(38)	ND(38)	ND(38)	ND(38)	ND(38)	120	120
E2SC-16-CS0106	E2SC-16	1-6	10/8/1998	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	1.5	1.5
E2SC-16-CS0615	E2SC-16	6-15	10/8/1998	ND(0.078)	ND(0.078)	ND(0.078)	ND(0.078)	ND(0.078)	ND(0.078)	0.68	0.68
E2SC-17-CS01	E2SC-17	0-1	10/28/1998	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	2.4	2.4
E2SC-17-CS0106	E2SC-17	1-6	10/26/1998	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	24	24
E2SC-17-CS0615	E2SC-17	6-15	10/26/1998	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.37	0.37
P2X110002	X-11	0-2	7/1/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.060	0.060

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

Sample ID	Location ID	Depth(Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-12.2	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Averaging Area 4D (continued)											
P2X110204	X-11	2-4	7/1/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	5.3	0.71	6.01
P2X110406	X-11	4-6	7/1/1991	ND(0.36)	NA	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.40)	22	22
P2X110608	X-11	6-8	7/1/1991	ND(0.28)	NA	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.39)	14	14
P2X110810	X-11	8-10	7/1/1991	ND(0.83)	NA	ND(0.83)	ND(0.83)	ND(0.83)	ND(2.3)	100	100
P2X111012	X-11	10-12	7/1/1991	ND(1.6)	NA	ND(1.6)	ND(1.6)	ND(1.6)	ND(2.0)	67	67
P2X111416	X-11	14-16	7/1/1991	ND(4.0)	NA	ND(4.0)	ND(4.0)	0.83 E	ND(4.0)	89	89.8
P201B0002	ES2-1	0-2	1/16/1991	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	ND(1.2)	54	54
P201B0406	ES2-1	4-6	1/16/1991	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.49)	19	19
P201B0608	ES2-1	6-8	1/16/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.24)	6.4	6.4
P201B1012	ES2-1	10-12	1/16/1991	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)	ND(1.2)	24	24
P201B1214	ES2-1	12-14	1/16/1991	ND(0.93)	ND(0.93)	ND(0.93)	ND(0.93)	ND(0.93)	ND(1.4)	42	42
P201B1416	ES2-1	14-16	1/16/1991	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	ND(2.7)	74	74
P206B0002	ES2-6	0-2	1/10/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	1.5	1.5
P206B0204	ES2-6	2-4	1/10/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.40	0.10	0.50
P206B0406	ES2-6	4-6	1/10/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.20	0.070	0.27
P206B0608	ES2-6	6-8	1/10/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.080	0.080
P206B0810	ES2-6	8-10	1/10/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.20)	7.5	7.5
P206B1012	ES2-6	10-12	1/10/1991	ND(1.1)	NA	ND(1.1)	ND(1.1)	ND(1.1)	ND(3.4)	140	140
P206B1214	ES2-6	12-14	1/10/1991	ND(2.4)	NA	ND(2.4)	ND(2.4)	ND(2.4)	ND(6.2)	160	160
P206B1416	ES2-6	14-16	1/10/1991	ND(1.0)	NA	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.4)	81	81
RCP-SS-C3	RCP-C2	0-1	10/24/1991	ND(0.29)	NA	ND(0.29)	ND(0.29)	ND(0.29)	ND(1.2)	44	44
RCP-SS-C4	RCP-C2	1-2	10/24/1991	ND(0.31)	NA	ND(0.31)	ND(0.31)	ND(0.31)	ND(1.2)	17	17
RCP-SS-C5	RCP-C3	0-1	10/24/1991	ND(0.52)	NA	ND(0.52)	ND(0.52)	ND(0.52)	ND(2.1)	38	38
RCP-SS-C6	RCP-C3	1-2	10/24/1991	ND(0.53)	NA	ND(0.53)	ND(0.53)	ND(0.53)	ND(2.1)	44	44
RCP-SS-C7	RCP-C4	0-1	10/24/1991	ND(0.10)	NA	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.42)	10	10
RCP-SS-C8	RCP-C4	1-2	10/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.10)	1.2	1.2
Averaging Area 4E											
080798CT13	SL0014	0-0.5	8/7/1998	ND(0.22) [ND(0.56)]	ND(0.22) [ND(0.56)]	ND(0.22) [ND(0.56)]	ND(0.22) [ND(0.56)]	ND(0.22) [ND(0.56)]	3.1 [3.0]	2.5 [2.4]	5.6 [5.4]
080798SB17	SL0025	0-0.5	8/7/1998	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	2.5	2.1	4.6
081798BT29	SL0163	2-2.5	8/17/1998	ND(1.5)	ND(1.5)	ND(1.5)	ND(1.5)	ND(1.5)	11	9.9	20.9
081798CT27	SL0153	1-1.5	8/17/1998	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	57	57
082598MS18	SL0267	1-1.5	8/25/1998	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	0.25	0.34	0.59
082598MS27	SL0270	1-1.5	8/25/1998	ND(0.69)	ND(0.69)	ND(0.69)	ND(0.69)	ND(0.69)	6.8	6.3	13.1
082798MS14	SL0314	0-0.5	8/27/1998	ND(81)	ND(81)	ND(81)	ND(81)	ND(81)	520	110	630
082798MS20	SL0316	0-0.5	8/27/1998	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	31	29	60
082898MS28	SL0326	0-0.5	8/28/1998	ND(0.96)	ND(0.96)	ND(0.96)	ND(0.96)	ND(0.96)	5.5	5.2	10.7
083198MS06	SL0339	2-2.5	8/31/1998	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	1.0	0.92	1.92
083198MS14	SL0342	0-0.5	8/31/1998	ND(3.3)	ND(3.3)	ND(3.3)	ND(3.3)	ND(3.3)	44	40	84
208S0-6	208S	0-0.5	9/17/1997	ND(1.8)	ND(3.7)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	22 B	22
3-6C-EB-22	EB-22	0-0.5	11/7/1997	ND(12)	ND(12)	ND(12)	ND(12)	ND(12)	260	210	470
		0.5-1	11/7/1997	ND(25)	ND(25)	ND(25)	ND(25)	ND(25)	280	240	520
		1-2	11/7/1997	ND(13)	ND(13)	ND(13)	ND(13)	ND(13)	210	200	410
		2-4	11/7/1997	ND(12)	ND(12)	ND(12)	ND(12)	ND(12)	66	21	87
		4-6	11/7/1997	ND(0.61)	ND(0.61)	ND(0.61)	ND(0.61)	ND(0.61)	9.6	4.1	13.7
		6-8	11/7/1997	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	0.64	0.41	1.05
		8-10	11/7/1997	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	0.94	0.87	1.81
		10-12	11/7/1997	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)	2.6	1.3	3.9
		12-14	11/7/1997	ND(0.54)	ND(0.54)	ND(0.54)	ND(0.54)	ND(0.54)	11	1.9	12.9
		14-16	11/7/1997	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)

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

Sample ID	Location ID	Depth(Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Averaging Area 4E (continued)											
3-6C-EB-23	EB-23	0-0.5	11/6/1997	ND(13)	ND(13)	ND(13)	ND(13)	ND(13)	190	220	410
		0.5-1	11/6/1997	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	220	96	316
		1-2	11/6/1997	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	23	17	40
		4-6	11/6/1997	ND(2.9)	ND(2.9)	ND(2.9)	ND(2.9)	ND(2.9)	48	10	58
		6-8	11/6/1997	ND(0.41)	ND(0.41)	ND(0.41)	ND(0.41)	ND(0.41)	4.4	1.4	5.8
		8-10	11/6/1997	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	9.5	1.7	11.2
		10-12	11/6/1997	ND(0.49)	ND(0.49)	ND(0.49)	ND(0.49)	ND(0.49)	10	2.8	12.8
		12-14	11/6/1997	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	47	7.0	54
		14-16	11/6/1997	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	0.55	0.16	0.71
3-6C-EB-24	EB-24	0-0.5	11/6/1997	ND(2.6)	ND(2.6)	ND(2.6)	ND(2.6)	ND(2.6)	42	30	72
		0.5-1	11/6/1997	ND(2.7)	ND(2.7)	ND(2.7)	ND(2.7)	ND(2.7)	18	9.3	27.3
		1-2	11/6/1997	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.66)	7.6	2.0	9.6
		2-4	11/6/1997	ND(0.85)	ND(0.85)	ND(0.85)	ND(0.85)	ND(0.85)	12	8.3	20.3
		4-6	11/6/1997	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	0.29	0.29
		6-8	11/6/1997	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)
		8-10	11/6/1997	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	0.15	0.15
		10-12	11/6/1997	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)
		12-14	11/6/1997	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)
		14-16	11/6/1997	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)
3-6C-EB-25	EB-25	0-0.5	11/5/1997	ND(28)	ND(28)	ND(28)	ND(28)	ND(28)	ND(28)	310	310
		0.5-1	11/5/1997	ND(2.7)	ND(2.7)	ND(2.7)	ND(2.7)	ND(2.7)	ND(2.7)	59	59
		1-2	11/5/1997	ND(2.6)	ND(2.6)	ND(2.6)	ND(2.6)	ND(2.6)	ND(2.6)	29	29
		2-4	11/5/1997	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	31	31
		4-6	11/5/1997	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	1.9	1.9
		6-8	11/5/1997	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	0.50	0.50
		8-10	11/5/1997	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)
		10-12	11/5/1997	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)
		12-14	11/5/1997	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)
3-6C-EB-26	EB-26	0-0.5	11/4/1997	ND(5.2)	ND(5.2)	ND(5.2)	ND(5.2)	ND(5.2)	ND(5.2)	61	61
		2-4	11/4/1997	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	1.7	1.7
		4-6	11/4/1997	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	28	28
		6-8	11/4/1997	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	1.6	1.6
		8-10	11/4/1997	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)
		10-12	11/4/1997	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)
		12-14	11/4/1997	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)
3-6C-EB-27	EB-27	0-0.5	11/7/1997	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	140	110	250
		0.5-1	11/7/1997	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	150	120	270
		1-2	11/7/1997	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	220	180	400
		2-4	11/7/1997	ND(14)	ND(14)	ND(14)	ND(14)	ND(14)	110	110	220
		4-6	11/7/1997	ND(1.1)	ND(1.1)	ND(1.1)	2.8	ND(1.1)	14	5.9	22.7
		8-10	11/7/1997	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)
		10-12	11/7/1997	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)
68-EAST-1	68-EAST-1	0-0.5	3/5/1997	ND(34) [ND(33)]	ND(34) [ND(33)]	ND(34) [ND(33)]	ND(34) [ND(33)]	ND(34) [ND(33)]	250 [260]	170 [170]	420 [430]
		0.5-1	3/5/1997	ND(81)	ND(81)	ND(81)	ND(81)	ND(81)	800	810	1610
		1-1.5	3/5/1997	ND(780)	ND(780)	ND(780)	ND(780)	ND(780)	5700	5700	11400
		1.5-2	3/5/1997	ND(390)	ND(390)	ND(390)	ND(390)	ND(390)	4900	630	5530
68-EAST-2	68-EAST-2	0-0.5	3/5/1997	ND(56)	ND(56)	ND(56)	ND(56)	ND(56)	340	310	650
		0.5-1	3/5/1997	ND(1200)	ND(1200)	ND(1200)	ND(1200)	ND(1200)	10000	10000	20000
		1-1.5	3/5/1997	ND(45)	ND(45)	ND(45)	ND(45)	ND(45)	250	140	390
68-EAST-3	68-EAST-3	0-0.5	3/5/1997	ND(11)	ND(11)	ND(11)	ND(11)	ND(11)	57	63	120
		0.5-1	3/5/1997	ND(56)	ND(56)	ND(56)	ND(56)	ND(56)	340	270	610
		1-1.5	3/5/1997	ND(58) [ND(81)]	ND(58) [ND(81)]	ND(58) [ND(81)]	ND(58) [ND(81)]	ND(58) [ND(81)]	190 [280]	360 [540]	550 [820]
		1.5-2	3/5/1997	ND(23)	ND(23)	ND(23)	ND(23)	ND(23)	190	120	310

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Location ID	Depth(Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1???	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Averaging Area 4E (continued)											
68S-1	68S-1	2-4	8/7/1996	ND(15)	ND(15)	ND(15)	ND(15)	ND(15)	160	110	270
		4-6	8/7/1996	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	7.4	4.8	12.2
		6-8	8/7/1996	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	14	7.6	21.6
		8-10	8/7/1996	ND(220)	ND(220)	ND(220)	ND(220)	ND(220)	ND(220)	4200	4200
		10-12	8/7/1996	ND(22)	ND(22)	ND(22)	ND(22)	ND(22)	ND(22)	300	300
68S-2	68S-2	2-4	8/7/1996	ND(2700)	ND(2700)	ND(2700)	ND(2700)	ND(2700)	ND(2700)	36000	36000
		4-6	8/7/1996	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	380	380
		6-8	8/7/1996	ND(120)	ND(120)	ND(120)	ND(120)	ND(120)	ND(120)	2400	2400
		10-12	8/7/1996	ND(130)	ND(130)	ND(130)	ND(130)	ND(130)	ND(130)	1700	1700
68S-3	68S-3	2-4	8/7/1996	ND(6300) [ND(11000)]	ND(6300) [ND(11000)]	ND(6300) [ND(11000)]	ND(6300) [ND(11000)]	ND(6300) [ND(11000)]	ND(6300) [ND(11000)]	77000 [130000]	77000 [130000]
		4-6	8/7/1996	ND(480)	ND(480)	ND(480)	ND(480)	ND(480)	ND(480)	4800	4800
		6-8	8/7/1996	ND(990)	ND(990)	ND(990)	ND(990)	ND(990)	ND(990)	14000	14000
		8-10	8/7/1996	ND(5.6)	ND(5.6)	ND(5.6)	ND(5.6)	ND(5.6)	ND(5.6)	42	42
68S-4	68S-4	2-4	8/8/1996	ND(1200)	ND(1200)	ND(1200)	ND(1200)	ND(1200)	ND(1200)	15000	15000
		4-6	8/8/1996	ND(2400)	ND(2400)	ND(2400)	ND(2400)	ND(2400)	ND(2400)	32000	32000
		6-8	8/8/1996	ND(11000)	ND(11000)	ND(11000)	ND(11000)	ND(11000)	ND(11000)	100000	100000
		8-10	8/8/1996	ND(610)	ND(610)	ND(610)	ND(610)	ND(610)	ND(610)	7200	7200
203B0002	95-03	0-2	2/15/1996	ND(0.037)	ND(0.076)	ND(0.037)	ND(0.037)	ND(0.037)	5.9	ND(0.037)	5.9
203B00608	95-03	6-8	2/15/1996	ND(0.036)	ND(0.072)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.087	0.087
203B0204	95-03	2-4	2/15/1996	ND(0.20)	ND(0.41)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	230	230
203B0406	95-03	4-6	2/15/1996	ND(0.038)	ND(0.078)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.080	0.080
203B0810	95-03	8-10	2/15/1996	ND(0.037)	ND(0.076)	ND(0.037)	0.26 P	ND(0.037)	ND(0.037)	0.077	0.337
203B1214	95-03	12-14	3/12/1996	ND(0.040)	ND(0.082)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.27 P	0.27
227B0810	95-27	8-10	2/29/1996	ND(0.038)	ND(0.076)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.027 J	0.027 J
227B1416	95-27	14-16	2/29/1996	ND(0.047)	ND(0.096)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.30	0.30
E2SC-12-CS0106	E2SC-12	1-6	10/19/1998	ND(38)	ND(38)	ND(38)	ND(38)	ND(38)	83	91	174
E2SC-12-CS0615	E2SC-12	6-15	10/19/1998	ND(44)	ND(44)	ND(44)	ND(44)	ND(44)	ND(44)	65	65
E2SC-15-CS01	E2SC-15	0-1	11/25/1998	ND(4.2)	ND(4.2)	ND(4.2)	ND(4.2)	ND(4.2)	ND(4.2)	18	18
E2SC-15-CS0106	E2SC-15	1-6	10/20/1998	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	3.1	4.9	8.0
E2SC-15-CS0615	E2SC-15	6-15	10/20/1998	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.26	0.39	0.65
P2X010002	X-1	0-2	7/2/1991	ND(8.1)	NA	ND(8.1)	ND(8.1)	ND(8.1)	ND(9.3)	320	320
P2X010204	X-1	2-4	7/2/1991	ND(9.9)	ND(9.9)	ND(9.9)	ND(9.9)	ND(9.9)	ND(9.9)	59	59
P2X010204(IT)	X-1	2-4	7/2/1991	ND(2.1)	NA	ND(2.1)	ND(2.1)	ND(2.1)	5.4	66	71.4
P2X010406	X-1	4-6	7/2/1991	ND(8.9)	NA	ND(8.9)	ND(8.9)	ND(8.9)	ND(9.6)	410	410
P2X010608	X-1	6-8	7/2/1991	ND(2.3)	NA	ND(2.3)	ND(2.3)	2.3	12	18	32.3
P2X010810	X-1	8-10	7/2/1991	ND(2.6)	NA	ND(2.6)	ND(2.6)	ND(2.6)	26	70	96
P2Y010002	Y-1	0-2	6/6/1991	ND(29)	NA	ND(29)	ND(29)	ND(29)	630	230	860
P2Y010204	Y-1	2-4	6/6/1991	ND(0.35) [ND(46)]	NA	ND(0.35) [ND(46)]	ND(0.35) [ND(46)]	ND(0.35) [ND(46)]	27 [5100]	13 [ND(260)]	40 [5100]
P2Y010406	Y-1	4-6	6/6/1991	ND(4.2)	NA	ND(4.2)	ND(4.2)	ND(4.2)	190	52	242
P2Y010608	Y-1	6-8	6/6/1991	ND(2.5)	NA	ND(2.5)	ND(2.5)	ND(2.5)	240	ND(14)	240
P2Y010810	Y-1	8-10	6/6/1991	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	180	ND(0.39)	180
P2Y020002	Y-2	0-2	6/7/1991	ND(6.1)	NA	ND(6.1)	ND(6.1)	ND(6.1)	380	140	520
P2Y020204	Y-2	2-4	6/7/1991	ND(0.47)	NA	ND(0.47)	ND(0.47)	ND(0.47)	7.0	5.3	12.3
P2Y020406	Y-2	4-6	6/7/1991	ND(20)	NA	ND(20)	ND(20)	ND(20)	2000	ND(76)	2000
P2Y020608	Y-2	6-8	6/7/1991	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	66	17	83
P2Y020810	Y-2	8-10	6/7/1991	ND(2.6)	NA	ND(2.6)	ND(2.6)	ND(2.6)	99	6.4	105
P2Y030002	Y-3	0-2	6/5/1991	ND(2.0)	NA	ND(2.0)	ND(2.0)	ND(2.0)	110	74	184
P2Y030204	Y-3	2-4	6/5/1991	ND(2.0)	NA	ND(2.0)	ND(2.0)	ND(2.0)	29	110	139
P2Y030406	Y-3	4-6	6/5/1991	ND(0.65)	NA	ND(0.65)	ND(0.65)	ND(0.65)	6.9	11	17.9
P2Y030608	Y-3	6-8	6/5/1991	ND(2.0)	NA	ND(2.0)	ND(2.0)	ND(2.0)	89	76	165
P2Y030810	Y-3	8-10	6/5/1991	ND(0.43)	ND(0.43)	ND(0.43)	ND(0.43)	ND(0.43)	ND(0.43)	34	34
P2Y031012	Y-3	10-12	6/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.060	0.070	0.13
P2Y031214	Y-3	12-14	6/5/1991	ND(1.2)	NA	ND(1.2)	ND(1.2)	ND(1.2)	36	43	79
P2Y031416	Y-3	14-16	6/5/1991	ND(0.72)	NA	ND(0.72)	ND(0.72)	ND(0.72)	18	26	44
P2Y040002	Y-4	0-2	6/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	2.6	1.2	3.8
P2Y040204	Y-4	2-4	6/5/1991	ND(0.23)	NA	ND(0.23)	ND(0.23)	ND(0.23)	3.9	5.7	9.6
P2Y040406	Y-4	4-6	6/5/1991	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)

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Sample ID	Location ID	Depth(Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Averaging Area 4E (continued)											
P2Y040608	Y-4	6-8	6/5/1991	ND(0.15)	NA	ND(0.15)	ND(0.15)	ND(0.15)	1.8	2.0	3.8
P2Y040810	Y-4	8-10	6/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.23	0.39	0.62
P2Y050002	Y-4	0-2	6/6/1991	ND(0.24)	NA	ND(0.24)	ND(0.24)	ND(0.24)	ND(1.1)	26	26
P2Y050204	Y-5	2-4	6/6/1991	ND(1.2)	NA	ND(1.2)	ND(1.2)	ND(1.2)	89	36	125
P2Y050406	Y-5	4-6	6/6/1991	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	200	ND(0.97)	200
P2Y050608	Y-5	6-8	6/6/1991	ND(0.81)	NA	ND(0.81)	ND(0.81)	ND(0.81)	19	3.2	22.2
P2Y050810	Y-5	8-10	6/6/1991	ND(0.74)	NA	ND(0.74)	ND(0.74)	ND(0.74)	75	33	108
P2Y051012	Y-5	10-12	6/6/1991	ND(1.3)	NA	ND(1.3)	ND(1.3)	ND(1.3)	29	ND(3.0)	29
P2Y051214	Y-5	12-14	6/6/1991	ND(0.74)	NA	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.61)	ND(0.80)	ND(0.80)
P2Y060002	Y-6	0-2	6/11/1991	ND(0.35)	NA	ND(0.35)	ND(0.35)	ND(0.35)	22	ND(1.3)	22
P2Y060204	Y-6	2-4	6/11/1991	ND(0.070)	NA	ND(0.070)	ND(0.070)	ND(0.070)	5.9	2.0	7.9
P2Y060406	Y-6	4-6	6/11/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	1.6	0.54	2.14
P2Y060608	Y-6	6-8	6/11/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2Y060810	Y-6	8-10	6/11/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P2Y070002	Y-7	0-2	6/6/1991	ND(0.58)	NA	ND(0.58)	ND(0.58)	ND(0.58)	19	19	38
P2Y070204	Y-7	2-4	6/6/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.62	1.0	1.62
P2Y070406	Y-7	4-6	6/6/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	1.3	0.71	2.01
P2Y070608	Y-7	6-8	6/6/1991	ND(0.25)	NA	ND(0.25)	ND(0.25)	ND(0.25)	7.6	7.6	15.2
P2Y070810	Y-7	8-10	6/6/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.19	0.21	0.40
P202B0002	ES2-2	0-2	1/14/1991	ND(18)	NA	ND(18)	ND(18)	18	280	150	450
P202B0204	ES2-2	2-4	1/14/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.23	0.090	0.32
P202B0406	ES2-2	4-6	1/14/1991	ND(36)	NA	ND(36)	ND(36)	36	760	330	1100
P202B0608	ES2-2	6-8	1/14/1991	ND(20)	NA	ND(20)	ND(20)	20	160	100	280
P202B0810	ES2-2	8-10	1/14/1991	ND(18)	NA	ND(18)	ND(18)	18	280	190	490
P202B1012	ES2-2	10-12	1/14/1991	ND(0.63)	NA	ND(0.63)	ND(0.63)	0.63	10	5.5	16
P202B1214	ES2-2	12-14	1/15/1991	ND(0.20)	NA	ND(0.20)	ND(0.20)	0.20	3.7	2.1	6.0
P202B1416	ES2-2	14-16	1/15/1991	ND(0.37)	NA	ND(0.37)	ND(0.37)	0.37	6.2	3.3	9.9
P203B0002	ES2-3	0-2	1/2/1991	ND(0.46)	NA	ND(0.46)	ND(0.46)	ND(0.46)	ND(2.7)	49	49
P203B0204	ES2-3	2-4	1/2/1991	ND(0.68)	NA	ND(0.68)	ND(0.68)	ND(0.68)	20	3.0	23
P203B0406	ES2-3	4-6	1/2/1991	ND(0.14)	NA	ND(0.14)	ND(0.14)	ND(0.14)	5.6	1.8	7.4
P203B0608	ES2-3	6-8	1/2/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	1.4	1.3	2.7
P203B0810	ES2-3	8-10	1/2/1991	ND(0.51)	NA	ND(0.51)	ND(0.51)	ND(0.51)	32	ND(7.8)	32
P203B1012	ES2-3	10-12	1/2/1991	ND(0.050) [ND(0.050)]	NA	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [0.51]	ND(0.050) [ND(0.080)]	ND(0.050) [0.51]
P203B1214	ES2-3	12-14	1/2/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.21	ND(0.050)	0.21
P203B1416	ES2-3	14-16	1/2/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	3.2	0.87	4.07
P204B0002	ES2-4	0-2	1/11/1991	ND(1.0)	NA	ND(1.0)	ND(1.0)	ND(1.0)	140	ND(10)	140
P204B0204	ES2-4	2-4	1/11/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.61	0.44	1.05
P204B0608	ES2-4	6-8	1/11/1991	ND(0.060)	NA	ND(0.060)	ND(0.060)	ND(0.060)	11	1.4	12.4
P204B0810	ES2-4	8-10	1/11/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P204B1012	ES2-4	10-12	1/11/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
P204B1416	ES2-4	14-16	1/11/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	1.5	0.62	2.12
P207B0002	ES2-7	0-2	1/16/1991	ND(3.9)	NA	ND(3.9)	ND(3.9)	ND(3.9)	97	110	207
P207B0204	ES2-7	2-4	1/16/1991	ND(0.080)	NA	ND(0.080)	ND(0.080)	ND(0.080)	1.5	2.6	4.1
P207B0406	ES2-7	4-6	1/16/1991	ND(3.9)	NA	ND(3.9)	ND(3.9)	3.9	12	82	97.9
P207B0608	ES2-7	6-8	1/16/1991	ND(2.9)	NA	ND(2.9)	ND(2.9)	ND(2.9)	ND(5.1)	100	100
P207B0810	ES2-7	8-10	1/16/1991	ND(19)	NA	ND(19)	ND(19)	37	ND(19)	440	477
P207B1012	ES2-7	10-12	1/16/1991	ND(0.12)	NA	ND(0.12)	ND(0.12)	0.25	ND(0.12)	3.8	4.05
P207B1214	ES2-7	12-14	1/16/1991	ND(0.12)	NA	ND(0.12)	ND(0.12)	0.25	ND(0.12)	3.7	3.95
P207B1416	ES2-7	14-16	1/16/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.20	0.20
PG01B0002	RF-1	0-2	10/23/1991	ND(5.0)	NA	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	290	290
PG01B0204	RF-1	2-4	10/23/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.12)	1.3	1.3
PG01B0406	RF-1	4-6	10/23/1991	ND(0.50)	NA	ND(0.50)	ND(0.50)	ND(0.50)	ND(2.0)	26	26
PG01B0810	RF-1	8-10	10/23/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.86	0.86
PG01B1012	RF-1	10-12	10/23/1991	ND(4.6)	NA	ND(4.6)	ND(4.6)	ND(4.6)	ND(2.3)	31	31
PG01B1214	RF-1	12-14	10/23/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.43	0.43
PG01B1416	RF-1	14-16	10/23/1991	ND(0.10)	NA	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.30)	5.6	5.6

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Sample ID	Location ID	Depth(Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Averaging Area 4E (continued)											
PGS-1	PGS-1	0-0.5	3/15/1997	ND(2.4)	ND(2.4)	ND(2.4)	ND(2.4)	ND(2.4)	28	13	41
		0.5-1	3/15/1997	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	5.2	2.9	8.1
PGS-2	PGS-2	0-0.5	3/15/1997	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	1.1	0.96	2.06
		0.5-1	3/15/1997	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.66)	6.0	5.7	11.7
		1-1.5	3/15/1997	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	14	22	36
		1.5-2	3/15/1997	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)	2.0	4.6	6.6
PGS-3	PGS-3	0-0.5	3/15/1997	ND(37)	ND(37)	ND(37)	ND(37)	ND(37)	190	290	480
		0.5-1	3/15/1997	ND(7.2)	ND(7.2)	ND(7.2)	ND(7.2)	ND(7.2)	120	28	148
		1-1.5	3/15/1997	ND(4.7)	ND(4.7)	ND(4.7)	ND(4.7)	ND(4.7)	49	42	91
		1.5-2	3/15/1997	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	21	8.2	29.2
PGS-4	PGS-4	0-0.5	3/15/1997	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.66)	9.2	1.8	11
		0.5-1	3/15/1997	ND(2.4)	ND(2.4)	ND(2.4)	ND(2.4)	ND(2.4)	36	7.3	43.3

Notes:
1. Samples were collected and analyzed by General Electric Company subcontractors for PCBs.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. NA - Not Analyzed - Laboratory did not report results for this analyte.
4. Duplicate sample results are presented in brackets.

Data Qualifiers:
Organics
J - Indicates an estimated value less than the practical quantitation limit (PQL).
B - Analyte was also detected in the associated method blank.
E - Analyte exceeded calibration range.
P - Greater than 25% difference between two chromatographic columns indicating potential bias.

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

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area:	4A	4A	4A	4A	4A	4A	4A	4A
	Location ID:	95-19	95-25	Y-11	Y-12	Y-16	Y-17	Y-21	Y-22
	Sample ID:	219B1416	225B0810	P2Y110204	P2Y120204	P2Y160810	P2Y170204	P2Y211214	P2Y220602
	Sample Depth(Feet):	14-16	8-10	2-4	2-4	8-10	2-4	12-14	0-2
	Date Collected:	02/13/96	02/27/96	06/12/91	06/12/91	06/14/91	06/18/91	06/24/91	06/24/91
Volatile Organics									
1,1,1-Trichloroethane		ND(0.027)	ND(0.026)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
1,1,2,2-Tetrachloroethane		ND(0.014)	ND(0.013)	ND(0.013)	ND(0.011)	ND(0.013)	ND(0.012)	ND(0.011)	ND(0.012)
1,1,2-trichloro-1,2,2-trifluoroethane		NA	NA	ND(0.013)	ND(0.011)	0.0040 BJ	0.0030 BJ	ND(0.011)	ND(0.012)
1,1-Dichloroethane		ND(0.020)	ND(0.019)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
1,2-Dibromo-3-chloropropane		ND(0.068)	ND(0.064)	ND(0.013)	ND(0.011)	ND(0.013)	ND(0.012)	ND(0.011)	ND(0.012)
1,2-Dichlorobenzene		ND(0.79)	ND(0.75)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
1,2-Dichloroethane		ND(0.014)	ND(0.013)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
1,3-Dichlorobenzene		ND(0.59)	ND(0.65)	ND(0.42)	ND(0.35)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
1,4-Dichlorobenzene		ND(0.70)	ND(0.66)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
1,4-Dioxane		ND(69)	ND(65)	NA	NA	NA	NA	NA	NA
2-Butanone		ND(0.047)	ND(0.045)	ND(0.013)	ND(0.011)	ND(0.013)	ND(0.012)	ND(0.011)	ND(0.012)
Acetone		ND(0.12)	ND(0.12)	0.011 BJ	0.039 B	0.025 B	ND(0.012)	0.013 B	0.024 B
Acetonitrile		0.0030 J	ND(0.26)	NA	NA	NA	NA	NA	NA
Acrylonitrile		ND(0.28)	ND(0.27)	ND(0.15)	ND(0.13)	ND(0.15)	ND(0.14)	ND(0.14)	ND(0.14)
Benzene		ND(0.020)	ND(0.019)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Carbon Disulfide		ND(0.014)	ND(0.013)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Chlorobenzene		ND(0.020)	ND(0.019)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Crotonaldehyde		NA	NA	ND(0.13)	ND(0.11)	ND(0.13)	ND(0.12)	ND(0.11)	ND(0.12)
Ethylbenzene		ND(0.020)	ND(0.019)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Isobutanol		ND(18)	ND(17)	NA	NA	NA	NA	NA	NA
m&p-Xylene		NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride		0.030 B	0.0090 JB	0.032 B	0.055 B	0.029 B	0.029 B	0.029 B	0.064 B
Propionitrile		ND(0.80)	ND(0.76)	NA	NA	NA	NA	NA	NA
Styrene		ND(0.014)	ND(0.013)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Tetrachloroethene		ND(0.020)	ND(0.019)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Toluene		ND(0.020)	ND(0.019)	ND(0.0060)	0.015	0.0010 J	ND(0.0060)	ND(0.0060)	ND(0.0060)
Trichloroethene		ND(0.027)	ND(0.026)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Trichlorofluoromethane		ND(0.027)	ND(0.026)	ND(0.0060)	0.0040 J	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Vinyl Chloride		ND(0.027)	ND(0.026)	ND(0.013)	ND(0.011)	ND(0.013)	ND(0.012)	ND(0.011)	ND(0.012)
Xylenes (total)		ND(0.027)	ND(0.026)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Semivolatile Organics									
1,2,3,4-Tetrachlorobenzene		NA	NA	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
1,2,3,5-Tetrachlorobenzene		NA	NA	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
1,2,3-Trichlorobenzene		NA	NA	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
1,2,4,5-Tetrachlorobenzene		ND(1.8)	ND(1.6)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
1,2,4-Trichlorobenzene		ND(0.74)	ND(0.70)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
1,3,5-Trichlorobenzene		NA	NA	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
1,3,5-Trinitrobenzene		ND(1.2)	ND(1.2)	ND(0.84)	ND(0.72)	ND(0.84)	ND(0.77)	ND(0.75)	ND(0.75)
1-Chloronaphthalene		NA	NA	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
1-Methylnaphthalene		NA	NA	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	0.080 J
2,4-Dimethylphenol		ND(0.82)	ND(0.77)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
2,4-Dinitrophenol		ND(2.3)	ND(2.2)	ND(1.6)	ND(1.4)	ND(1.6)	ND(1.5)	ND(1.5)	ND(1.5)
2-Acetylaminofluorene		ND(0.96)	ND(0.90)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
2-Chloronaphthalene		ND(1.3)	ND(1.2)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
2-Chlorophenol		ND(0.85)	ND(0.80)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
2-Methylnaphthalene		ND(1.1)	ND(1.1)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	0.048 J
2-Methylphenol		ND(0.88)	ND(0.83)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
3&4-Methylphenol		ND(1.8)	ND(1.6)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
3,3'-Dichlorobenzidine		ND(0.67)	ND(0.63)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
3,3'-Dimethoxybenzidine		NA	NA	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
3,3'-Dimethylbenzidine		ND(1.3)	ND(1.2)	ND(0.84)	ND(0.72)	ND(0.84)	ND(0.77)	ND(0.75)	ND(0.75)
3-Methylcholanthrene		ND(0.82)	ND(0.77)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
3-Phenylenediamine		ND(0.89)	ND(0.84)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
4,6-Dinitro-2-methylphenol		ND(2.4)	ND(2.3)	ND(1.3)	ND(1.1)	ND(1.3)	ND(1.2)	ND(1.1)	ND(1.1)
4-Aminobiphenyl		ND(0.55)	ND(0.52)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
4-Chlorobenzilate		ND(0.96)	ND(0.90)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
4-Nitrophenol		ND(6.1)	ND(5.7)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
7,12-Dimethylbenz(a)anthracene		ND(0.55)	ND(0.52)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
Acenaphthene		ND(0.89)	ND(0.84)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	0.12 J
Acenaphthylene		ND(0.90)	ND(0.85)	ND(0.42)	ND(0.36)	ND(0.42)	0.045 J	ND(0.37)	ND(0.37)
Acetophenone		ND(0.89)	ND(0.84)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
Aniline		ND(0.75)	ND(0.71)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
Anthracene		ND(1.0)	ND(0.94)	0.11 J	ND(0.36)	ND(0.42)	0.18 J	ND(0.37)	0.50
Benzidine		ND(2.2)	ND(2.0)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
Benzo(a)anthracene		ND(0.89)	ND(0.84)	0.60	ND(0.36)	ND(0.42)	1.9	0.11 J	5.2 D
Benzo(a)pyrene		ND(0.89)	ND(0.84)	0.59	ND(0.36)	ND(0.42)	2.2	0.12 J	5.9 D
Benzo(b)fluoranthene		ND(1.0)	ND(0.98)	1.0 Z	ND(0.36)	ND(0.42)	3.6	0.42 Z	5.2 D
Benzo(g,h,i)perylene		ND(0.84)	ND(0.79)	0.33 J	ND(0.36)	ND(0.42)	1.5	0.13 J	4.3
Benzo(k)fluoranthene		ND(0.84)	ND(0.79)	1.0 Z	ND(0.36)	ND(0.42)	3.5	0.42 Z	10 D
Benzoic Acid		NA	NA	0.066 J	ND(3.6)	ND(4.2)	ND(3.8)	ND(3.7)	ND(3.7)
bis(2-Chloroethyl)ether		ND(0.79)	ND(0.75)	ND(0.84)	ND(0.72)	ND(0.84)	ND(0.77)	ND(0.75)	ND(0.75)
bis(2-Ethylhexyl)phthalate		ND(1.0)	0.16 J	0.41 BJ	0.11 BJ	0.42	ND(0.38)	0.13 BJ	0.23 BJ
Butylbenzylphthalate		ND(0.92)	ND(0.86)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area:	Location ID:	Sample ID:	Sample Depth(Feet):	Date Collected:
	4A	95-19	219B1416	14-16	02/13/96
	4A	95-25	225B0810	8-10	02/27/96
	4A	Y-11	P2Y110204	2-4	06/12/91
	4A	Y-12	P2Y120204	2-4	06/12/91
	4A	Y-16	P2Y160810	8-10	06/14/91
	4A	Y-17	P2Y170204	2-4	06/18/91
	4A	Y-21	P2Y211214	12-14	06/24/91
	4A	Y-22	P2Y220002	0-2	06/24/91
Semivolatile Organics (continued)					
Chrysene	ND(0.73)	ND(0.69)	0.63	ND(0.36)	ND(0.42)	2.7	0.22 J	7.5 D
Cyclophosphamide	NA	NA	ND(2.5)	ND(1.7)	ND(2.0)	ND(1.9)	ND(1.8)	ND(1.8)
Dibenzo(a,h)anthracene	ND(0.58)	ND(0.55)	0.16 J	ND(0.36)	ND(0.42)	0.66	0.053 J	1.7
Dibenzofuran	ND(0.93)	ND(0.88)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	0.085 J
Di-n-Butylphthalate	ND(1.0)	1.4	0.043 J	ND(0.36)	ND(0.42)	ND(0.38)	0.041 J	ND(0.37)
Di-n-Octylphthalate	ND(0.65)	ND(0.61)	0.12 J	ND(0.36)	0.084 J	ND(0.38)	ND(0.37)	ND(0.37)
Diphenylamine	ND(1.9)	ND(1.8)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
Fluoranthene	ND(1.2)	ND(1.2)	0.88	ND(0.36)	ND(0.42)	3.2	0.24 J	6.9 D
Fluorene	ND(0.93)	ND(0.88)	0.049 J	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	0.11 J
Hexachlorobenzene	ND(1.0)	ND(0.98)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
Indeno(1,2,3-cd)pyrene	ND(0.62)	ND(0.58)	0.30 J	ND(0.36)	ND(0.42)	1.3	0.11 J	3.3
Methapyrilene	ND(1.8)	ND(1.6)	ND(0.84)	ND(0.72)	ND(0.84)	ND(0.77)	ND(0.75)	ND(0.75)
Naphthalene	ND(0.89)	ND(0.84)	0.093 J	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	0.051 J
Nitrobenzene	ND(0.92)	ND(0.86)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
N-Nitroso-di-n-propylamine	ND(0.82)	ND(0.77)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
N-Nitrosodiphenylamine	ND(1.9)	ND(1.8)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
o-Toluidine	ND(2.7)	ND(2.5)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
p-Dimethylaminoazobenzene	ND(0.90)	ND(0.85)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
Pentachlorobenzene	ND(0.89)	ND(0.84)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
Pentachloronitrobenzene	NA	NA	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
Pentachlorophenol	ND(1.9)	ND(1.8)	ND(0.84)	ND(0.72)	ND(0.84)	ND(0.77)	ND(0.75)	ND(0.75)
Phenacetin	ND(0.82)	ND(0.77)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
Phenanthrene	ND(0.84)	ND(0.79)	0.53	ND(0.36)	ND(0.42)	0.86	0.087 J	4.6
Phenol	ND(0.77)	ND(0.72)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
Pronamide	ND(0.88)	ND(0.83)	ND(0.42)	ND(0.36)	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.37)
Pyrene	ND(0.98)	ND(0.93)	1.1	ND(0.36)	ND(0.42)	2.1	0.17 J	7.3 D
Total Phenols	NA	NA	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.12)	0.19	ND(0.12)
Organochlorine Pesticides								
4,4'-DDE	NA	NA	ND(0.070)	ND(0.070)	ND(0.0034)	ND(0.0035)	ND(0.0035)	ND(0.0035)
Aldrin	NA	NA	ND(0.020)	ND(0.020)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Delta-BHC	NA	NA	ND(0.020)	ND(0.020)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dieldrin	NA	NA	ND(0.030)	ND(0.030)	ND(0.0015)	ND(0.0015)	ND(0.0015)	0.0045
Endosulfan II	NA	NA	ND(0.070)	ND(0.070)	ND(0.0034)	ND(0.0035)	ND(0.0035)	ND(0.0035)
Methoxychlor	NA	NA	ND(0.070)	ND(0.070)	ND(0.0034)	ND(0.0035)	ND(0.0035)	0.021
Toxaphene	NA	NA	ND(0.40)	ND(0.40)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
Organophosphate Pesticides								
None Detected	NA	NA	–	–	–	–	–	–
Herbicides								
2,4,5-T	NA	NA	ND(0.032)	ND(0.27)	ND(0.032)	ND(0.029)	ND(0.028)	ND(0.029)
2,4,5-TP	NA	NA	ND(0.032)	ND(0.27)	ND(0.032)	ND(0.029)	ND(0.028)	ND(0.029)
2,4-D	NA	NA	ND(0.13)	ND(1.1)	ND(0.13)	ND(0.12)	ND(0.11)	ND(0.12)
Furans								
2,3,7,8-TCDF	ND(0.00013)	NA	NA	NA	NA	NA	NA	NA
TCDFs (total)	ND(0.00013)	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	ND(0.000089)	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	ND(0.000089)	NA	NA	NA	NA	NA	NA	NA
PeCDFs (total)	ND(0.000089)	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	ND(0.000077)	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.000077)	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.000077)	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.000077)	NA	NA	NA	NA	NA	NA	NA
HxCDFs (total)	ND(0.000077)	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	ND(0.000048)	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.000048)	NA	NA	NA	NA	NA	NA	NA
HpCDFs (total)	ND(0.000048)	NA	NA	NA	NA	NA	NA	NA
OCDF	ND(0.00013)	NA	NA	NA	NA	NA	NA	NA
Dioxins								
2,3,7,8-TCDD	ND(0.000039)	NA	NA	NA	NA	NA	NA	NA
TCDDs (total)	ND(0.000039)	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	ND(0.00021)	NA	NA	NA	NA	NA	NA	NA
PeCDDs (total)	ND(0.00027)	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.00017)	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.00017)	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.00017)	NA	NA	NA	NA	NA	NA	NA
HxCDDs (total)	ND(0.00017)	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	ND(0.000047)	NA	NA	NA	NA	NA	NA	NA
HpCDDs (total)	ND(0.000047)	NA	NA	NA	NA	NA	NA	NA
OCDD	ND(0.00019)	NA	NA	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)	0.00020	NA	NA	NA	NA	NA	NA	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area:	4A	4A	4A	4A	4A	4A	4A	4A
	Location ID:	95-19	95-25	Y-11	Y-12	Y-18	Y-17	Y-21	Y-22
	Sample ID:	219B1416	225B0810	P2Y110204	P2Y120204	P2Y160810	P2Y170204	P2Y211214	P2Y220002
	Sample Depth(Feet):	14-16	8-10	2-4	2-4	8-10	2-4	12-14	0-2
	Date Collected:	02/13/96	02/27/96	06/12/91	06/12/91	06/14/91	06/18/91	06/24/91	06/24/91
Inorganics									
Aluminum		NA	NA	9780	8260	1670	8630	16100	7760
Antimony		ND(9.240) N	0.260 BN	ND(2.80) *	ND(2.40) *	ND(2.80) *	ND(7.50) N	ND(7.40)	ND(7.50)
Arsenic		5.40 N*	1.60	5.60 N	10.5 AN	7.90 AN	5.90 A	11.9	13.3
Barium		55.6 E	23.4 B	36.2 N*	58.4 N*	10.0 BN*	32.4 B	27.5 B	36.2 B
Beryllium		0.560 BN	0.420 B	0.310 B	0.230 B	ND(0.130)	0.320 B	ND(0.230)	0.310 B
Cadmium		ND(0.0300) N	ND(0.0200)	ND(0.510)	0.560	ND(0.510)	1.50	ND(0.900)	ND(0.910)
Calcium		NA	NA	3890	11400	14900	11100	1880	5430
Chromium		14.1 E	11.8	12.9	12.2	3.20	9.90 *	17.8	12.2
Cobalt		11.6 EN	7.70	9.70	10.0	1.90 B	5.20 B*	14.5	7.30 B
Copper		16.9	19.5	15.5	117	193	578 *	208	124
Cyanide		ND(0.680)	NA	NA	NA	ND(0.630)	ND(0.580)	ND(0.570)	ND(0.580)
Iron		NA	NA	18500 E	29300 E	6830 E	20900 *	33200	34500
Lead		8.70	11.5 *	40.4 *	91.8 *	43.5 *	79.6	19.8	64.7
Magnesium		NA	NA	4480	5920	6650	6590	6580	3130
Manganese		NA	NA	219	650	90.7	357 *	891	481
Mercury		ND(0.140)	ND(0.130)	0.140 *	ND(0.100) *	ND(0.120) *	ND(0.110) *	ND(0.100)	0.160
Nickel		14.8 E	18.0	14.3 E	14.2 E	4.50 BE	9.80 *	27.9	9.90
Potassium		NA	NA	694	663	ND(157)	1040 B	739 B	648 B
Selenium		1.00 N	ND(0.320) N	ND(0.380) W	ND(0.330)	ND(0.380) W	ND(0.910) N	ND(0.870)	ND(0.920)
Silver		ND(0.0900)	ND(0.0900)	ND(0.630) N	ND(0.550) N	ND(0.630) N	ND(1.10) N	ND(1.10)	317 B
Sodium		NA	NA	204 B	180 B	136 B	345 B	223 B	ND(1.10)
Sulfide		NA	NA	ND(12.6)	ND(13.2)	21.3	ND(11.6)	ND(11.4)	NA
Thallium		ND(0.470)	ND(0.430)	ND(0.380)	ND(0.330) W	ND(0.380) W	ND(0.460) W	ND(0.440)	ND(0.460)
Tin		1.40 BN	4.10 B	NA	NA	NA	NA	NA	NA
Vanadium		13.3 E	10.3	13.8	18.0	2.40 B	16.8 *	14.5	18.8
Zinc		68.2 E	59.5 N	79.4 *	109 *	75.5 *	683	89.4	75.8

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area:	4B	4B	4B	4B	4B	4B	4B	4B
Location ID:	95-02	95-04	95-05	95-07	95-07	95-26	95-26	95-26
Sample ID:	202B0608	204B0810	205B0810	207B0204	207B1820	223B0002	223B1214	226B1012
Sample Depth(Feet):	6-8	8-10	8-10	2-4	18-20	0-2	12-14	10-12
Parameter / Date Collected:	02/15/96	03/11/96	02/12/96	02/23/96	02/23/96	03/07/96	03/07/96	02/22/96
Volatile Organics								
1,1,1-Trichloroethane	ND(0.025)	ND(0.022)	ND(0.026)	ND(0.022)	ND(1.5)	NA	NA	0.0010 J
1,1,2,2-Tetrachloroethane	ND(0.012)	ND(0.011)	ND(0.013)	0.0010 J	ND(1.1)	NA	NA	ND(0.013)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ND(0.019)	ND(0.017)	ND(0.019)	ND(0.017)	ND(1.1)	NA	NA	0.0070 J
1,2-Dibromo-3-chloropropane	ND(0.062)	ND(0.056)	ND(0.065)	ND(0.056)	ND(3.3)	NA	NA	0.0020 JB
1,2-Dichlorobenzene	ND(0.72)	0.25 J	0.47 J	ND(52)	ND(1.4)	NA	NA	ND(0.77)
1,2-Dichloroethane	ND(0.012)	ND(0.011)	ND(0.013)	ND(0.011)	ND(1.1)	NA	NA	ND(0.013)
1,3-Dichlorobenzene	ND(0.62)	0.80	3.2	ND(52)	0.52 J	NA	NA	ND(0.66)
1,4-Dichlorobenzene	ND(0.63)	1.2	9.0 D	ND(50)	1.0 J	NA	NA	ND(0.68)
1,4-Dioxane	ND(63)	ND(57)	0.011 J	ND(57)	ND(120)	NA	NA	ND(66)
2-Butanone	ND(0.043)	ND(0.039)	ND(0.045)	ND(0.039)	ND(1.1)	NA	NA	ND(0.045)
Acetone	ND(0.11)	0.019 JB	ND(0.12)	ND(0.10)	ND(1.5)	NA	NA	ND(0.12)
Acetonitrile	0.0060 J	ND(0.22)	0.014 J	ND(0.22)	ND(24)	NA	NA	ND(0.26)
Acrylonitrile	0.26	ND(0.24)	0.0040 J	0.0020 JB	ND(16)	NA	NA	ND(0.27)
Benzene	ND(0.019)	ND(0.017)	ND(0.019)	0.11	ND(1.2)	NA	NA	ND(0.019)
Carbon Disulfide	ND(0.012)	ND(0.011)	ND(0.013)	0.0060 J	ND(2.1)	NA	NA	ND(0.013)
Chlorobenzene	ND(0.019)	ND(0.017)	ND(0.019)	ND(0.017)	17	NA	NA	ND(0.019)
Crotonaldehyde	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	ND(0.019)	ND(0.017)	ND(0.019)	0.039	ND(1.2)	NA	NA	ND(0.019)
Isobutanol	16	ND(15)	ND(17)	ND(14)	ND(15)	NA	NA	ND(17)
m&p-Xylene	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.036 B	0.015 JB	0.013 JB	0.011 JB	0.23 JB	NA	NA	0.010 JB
Propionitrile	0.73	ND(0.66)	ND(0.77)	ND(0.66)	ND(10)	NA	NA	ND(0.77)
Styrene	ND(0.012)	ND(0.011)	ND(0.013)	ND(0.011)	ND(1.1)	NA	NA	ND(0.013)
Tetrachloroethene	ND(0.019)	ND(0.017)	ND(0.019)	ND(0.017)	ND(0.94)	NA	NA	0.0040 J
Toluene	ND(0.019)	ND(0.017)	ND(0.019)	0.14	ND(1.6)	NA	NA	ND(0.019)
Trichloroethene	ND(0.025)	ND(0.022)	ND(0.026)	ND(0.022)	ND(0.96)	NA	NA	0.0060 J
Trichlorofluoromethane	ND(0.025)	ND(0.022)	ND(0.026)	ND(0.022)	ND(2.5)	NA	NA	ND(0.026)
Vinyl Chloride	ND(0.025)	ND(0.022)	ND(0.026)	ND(0.022)	ND(3.2)	NA	NA	ND(0.026)
Xylenes (total)	ND(0.025)	ND(0.022)	0.0040 J	0.22	ND(2.5)	NA	NA	ND(0.026)
Semivolatile Organics								
1,2,3,4-Tetrachlorobenzene	NA	ND(0.71)	NA	NA	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	ND(1.4)	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	ND(0.67)	NA	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	ND(1.6)	ND(1.4)	ND(1.7)	ND(130)	ND(3.0)	NA	NA	ND(1.7)
1,2,4-Trichlorobenzene	ND(0.67)	ND(0.61)	0.42 J	ND(52)	ND(1.3)	NA	NA	ND(0.71)
1,3,5-Trichlorobenzene	NA	0.23 J	NA	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	ND(1.1)	ND(1.0)	ND(1.2)	ND(160)	ND(2.1)	NA	NA	ND(1.2)
1-Chloronaphthalene	NA	ND(1.3)	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NA	1.6	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	ND(0.74)	ND(0.68)	ND(0.79)	ND(53)	ND(1.4)	NA	NA	ND(0.79)
2,4-Dinitrophenol	ND(2.1)	ND(1.9)	ND(2.2)	ND(170)	ND(4.0)	NA	NA	ND(2.2)
2-Acetylaminofluorene	ND(0.86)	ND(0.79)	ND(0.92)	ND(78)	ND(1.7)	NA	NA	ND(0.92)
2-Chloronaphthalene	ND(1.2)	ND(1.1)	ND(1.3)	ND(72)	ND(2.3)	NA	NA	ND(1.3)
2-Chlorophenol	ND(0.77)	ND(0.70)	ND(0.82)	ND(56)	ND(1.5)	NA	NA	ND(0.82)
2-Methylnaphthalene	ND(1.0)	0.37 J	0.48 J	690	ND(2.0)	NA	NA	ND(1.1)
2-Methylphenol	ND(0.79)	ND(0.72)	ND(0.84)	ND(67)	ND(1.5)	NA	NA	ND(0.84)
3&4-Methylphenol	ND(1.6)	ND(1.4)	ND(1.7)	ND(140)	ND(3.0)	NA	NA	ND(1.7)
3,3'-Dichlorobenzidine	ND(0.61)	ND(0.55)	ND(0.65)	ND(89)	ND(1.2)	NA	NA	ND(0.65)
3,3'-Dimethoxybenzidine	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	ND(1.2)	ND(1.1)	ND(1.3)	ND(130)	ND(2.3)	NA	NA	ND(1.3)
3-Methylcholanthrene	ND(0.74)	ND(0.68)	ND(0.79)	ND(83)	ND(1.4)	NA	NA	ND(0.79)
3-Phenylenediamine	ND(0.80)	NA	ND(0.85)	ND(67)	ND(1.5)	NA	NA	ND(0.86)
4,6-Dinitro-2-methylphenol	ND(2.2)	ND(2.0)	ND(2.3)	ND(160)	ND(4.2)	NA	NA	ND(2.3)
4-Aminobiphenyl	ND(0.50)	ND(0.45)	ND(0.53)	6.8 J	ND(0.96)	NA	NA	ND(0.53)
4-Chlorobenzilate	ND(0.86)	ND(0.79)	ND(0.92)	ND(89)	ND(1.7)	NA	NA	ND(0.92)
4-Nitrophenol	ND(5.5)	ND(5.0)	ND(5.8)	ND(140)	ND(11)	NA	NA	ND(5.8)
7,12-Dimethylbenz(a)anthracene	ND(0.50)	ND(0.45)	ND(0.53)	7.5 J	ND(0.96)	NA	NA	ND(0.53)
Acenaphthene	ND(0.80)	1.4	ND(0.85)	37 J	ND(1.5)	NA	NA	ND(0.86)
Acenaphthylene	ND(0.82)	ND(0.74)	ND(0.87)	110	ND(1.6)	NA	NA	ND(0.87)
Acetophenone	ND(0.80)	ND(0.73)	ND(0.85)	ND(56)	ND(1.5)	NA	NA	ND(0.86)
Aniline	ND(0.68)	ND(0.62)	ND(0.72)	ND(41)	ND(1.3)	NA	NA	ND(0.73)
Anthracene	ND(0.90)	0.63 J	0.48 J	120	ND(1.7)	NA	NA	ND(0.96)
Benzidine	ND(1.9)	ND(1.8)	ND(2.1)	ND(54)	ND(3.7)	NA	NA	ND(2.1)
Benzo(a)anthracene	ND(0.80)	0.38 J	0.46 J	160	ND(1.5)	NA	NA	ND(0.86)
Benzo(a)pyrene	ND(0.80)	0.32 J	0.38 J	120	ND(1.5)	NA	NA	ND(0.86)
Benzo(b)fluoranthene	ND(0.94)	0.33 JZ	0.43 ZJ	150 Z	ND(1.8)	NA	NA	ND(1.0)
Benzo(g,h,i)perylene	ND(0.76)	0.22 J	0.17 J	54 J	ND(1.4)	NA	NA	ND(0.81)
Benzo(k)fluoranthene	ND(0.76)	0.32 JZ	0.42 ZJ	150 Z	ND(1.4)	NA	NA	ND(0.81)
Benzoic Acid	NA	ND(2.1)	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	ND(0.72)	ND(0.65)	ND(0.76)	ND(51)	ND(1.4)	NA	NA	ND(0.77)
bis(2-Ethylhexyl)phthalate	0.066 J	0.18 J	ND(0.97)	ND(67)	0.50 J	NA	NA	ND(0.50)
Butylbenzylphthalate	ND(0.83)	ND(0.75)	ND(0.88)	ND(94)	0.29 J	NA	NA	ND(0.88)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area:	4B	4B	4B	4B	4B	4B	4B	4B
	Location ID:	95-02	95-04	95-05	95-07	95-07	95-26	95-26	95-26
	Sample ID:	202B0608	204B0810	205B0810	207B0204	207B1820	223B0002	223B1214	226B1012
	Sample Depth(Feet):	6-8	8-10	8-10	2-4	18-20	0-2	12-14	10-12
	Date Collected:	02/15/96	03/11/96	02/12/96	02/23/96	02/23/96	03/07/96	03/07/96	02/22/96
Semivolatile Organics (continued)									
Chrysene		ND(0.66)	0.35 J	0.41 J	160	ND(1.3)	NA	NA	ND(0.75)
Cyclophosphamide		NA	ND(0.70)	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene		ND(0.52)	ND(0.48)	0.047 J	16 J	ND(1.0)	NA	NA	ND(0.58)
Dibenzofuran		ND(0.84)	ND(0.77)	ND(0.89)	30 J	ND(1.6)	NA	NA	ND(0.90)
Di-n-Butylphthalate		ND(0.94)	ND(0.85)	ND(1.0)	ND(56)	1.2 J	NA	NA	ND(1.0)
Di-n-Octylphthalate		ND(0.58)	ND(0.53)	ND(0.62)	ND(97)	ND(1.1)	NA	NA	ND(0.62)
Diphenylamine		ND(1.7)	ND(1.6)	ND(1.8)	ND(130)	ND(3.3)	NA	NA	ND(1.8)
Fluoranthene		ND(1.1)	0.57 J	0.81 J	260	ND(2.2)	NA	NA	ND(1.2)
Fluorene		ND(0.84)	ND(0.77)	0.74 J	230	ND(1.6)	NA	NA	ND(0.90)
Hexachlorobenzene		ND(0.94)	ND(0.85)	ND(1.0)	ND(67)	ND(1.8)	NA	NA	ND(1.0)
Indeno(1,2,3-cd)pyrene		ND(0.56)	0.16 J	0.14 J	44 J	ND(1.1)	NA	NA	ND(0.60)
Methapyrilene		ND(1.6)	ND(1.4)	ND(1.7)	ND(140)	ND(3.0)	NA	NA	ND(1.7)
Naphthalene		ND(0.80)	0.74	2.7	590	0.65 J	NA	NA	ND(0.86)
Nitrobenzene		ND(0.83)	ND(0.75)	ND(0.88)	ND(55)	ND(1.6)	NA	NA	ND(0.88)
N-Nitroso-di-n-propylamine		ND(0.74)	ND(0.68)	ND(0.79)	ND(55)	ND(1.4)	NA	NA	ND(0.79)
N-Nitrosodiphenylamine		ND(1.7)	ND(1.6)	ND(1.8)	ND(130)	ND(3.3)	NA	NA	ND(1.8)
o-Toluidine		ND(2.4)	ND(2.2)	ND(2.6)	ND(83)	ND(4.7)	NA	NA	ND(2.6)
p-Dimethylaminoazobenzene		ND(0.82)	ND(0.74)	ND(0.87)	ND(83)	ND(1.6)	NA	NA	ND(0.87)
Pentachlorobenzene		ND(0.80)	ND(0.73)	ND(0.85)	ND(72)	ND(1.5)	NA	NA	ND(0.86)
Pentachloronitrobenzene		NA	ND(0.71)	NA	NA	NA	NA	NA	NA
Pentachlorophenol		ND(1.7)	ND(1.6)	ND(1.8)	ND(150)	ND(3.3)	NA	NA	ND(1.8)
Phenacetin		ND(0.74)	ND(0.68)	ND(0.79)	ND(83)	ND(1.4)	NA	NA	ND(0.79)
Phenanthrene		ND(0.76)	2.5	1.9	580	0.61 J	NA	NA	ND(0.81)
Phenol		ND(0.69)	ND(0.63)	ND(0.74)	ND(47)	ND(1.3)	NA	NA	ND(0.74)
Pronamide		ND(0.79)	ND(0.72)	ND(0.84)	ND(55)	ND(1.5)	NA	NA	ND(0.84)
Pyrene		ND(0.89)	0.98	1.5	500	ND(1.7)	NA	NA	ND(0.95)
Total Phenols		NA	NA	NA	NA	NA	NA	NA	NA
Organochlorine Pesticides									
4,4'-DDE		NA	NA	NA	NA	NA	NA	NA	NA
Aldrin		NA	NA	NA	NA	NA	NA	NA	NA
Delta-BHC		NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin		NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan II		NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor		NA	NA	NA	NA	NA	NA	NA	NA
Toxaphene		NA	NA	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides									
None Detected		NA	–	NA	NA	NA	NA	NA	NA
Herbicides									
2,4,5-T		NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP		NA	NA	NA	NA	NA	NA	NA	NA
2,4-D		NA	NA	NA	NA	NA	NA	NA	NA
Furans									
2,3,7,8-TCDF		ND(0.00000042)	NA	0.000011 g	0.000014 g	NA	NA	NA	ND(0.000073)
TCDFs (total)		ND(0.00000042)	NA	0.00029	0.000098	NA	NA	NA	ND(0.000073)
1,2,3,7,8-PeCDF		ND(0.00000019)	NA	0.0000083 J	ND(0.000016)	NA	NA	NA	ND(0.000027)
2,3,4,7,8-PeCDF		ND(0.00000016)	NA	0.000019	ND(0.000012)	NA	NA	NA	ND(0.000027)
PeCDFs (total)		ND(0.00000039)	NA	0.0018	ND(0.000030)	NA	NA	NA	ND(0.000027)
1,2,3,4,7,8-HxCDF		ND(0.00000012)	NA	0.000037	ND(0.000021)	NA	NA	NA	ND(0.00020)
1,2,3,6,7,8-HxCDF		ND(0.000000082)	NA	0.000065	ND(0.000013)	NA	NA	NA	ND(0.00020)
1,2,3,7,8,9-HxCDF		ND(0.00000012)	NA	ND(0.000020) y	ND(0.0000084)	NA	NA	NA	ND(0.00020)
2,3,4,6,7,8-HxCDF		ND(0.00000018)	NA	0.00023	ND(0.0000097)	NA	NA	NA	ND(0.00020)
HxCDFs (total)		ND(0.00000046)	NA	0.0019	ND(0.000021)	NA	NA	NA	ND(0.00020)
1,2,3,4,6,7,8-HpCDF		ND(0.00000028)	NA	0.00021	ND(0.000019)	NA	NA	NA	ND(0.00024)
1,2,3,4,7,8,9-HpCDF		ND(0.00000028)	NA	0.000029	ND(0.000011)	NA	NA	NA	ND(0.00024)
HpCDFs (total)		ND(0.00000028)	NA	0.00064	ND(0.000019)	NA	NA	NA	ND(0.00024)
OCDF		ND(0.00000057)	NA	0.00012	ND(0.000017)	NA	NA	NA	ND(0.00023)
Dioxins									
2,3,7,8-TCDD		ND(0.00000015)	NA	ND(0.00000031)	ND(0.0000058)	NA	NA	NA	ND(0.000012)
TCDDs (total)		ND(0.00000018)	NA	0.0000015	ND(0.0000058)	NA	NA	NA	ND(0.000012)
1,2,3,7,8-PeCDD		ND(0.00000011)	NA	ND(0.0000016)	ND(0.0000049)	NA	NA	NA	ND(0.000041)
PeCDDs (total)		ND(0.00000011)	NA	ND(0.0000034)	ND(0.000039)	NA	NA	NA	ND(0.000041)
1,2,3,4,7,8-HxCDD		ND(0.00000016)	NA	ND(0.0000022)	ND(0.000015)	NA	NA	NA	ND(0.000019)
1,2,3,6,7,8-HxCDD		ND(0.00000018)	NA	ND(0.0000028)	ND(0.000016)	NA	NA	NA	ND(0.000019)
1,2,3,7,8,9-HxCDD		ND(0.00000019)	NA	ND(0.0000027)	ND(0.000016)	NA	NA	NA	ND(0.000019)
HxCDDs (total)		ND(0.00000032)	NA	0.000027	ND(0.000016)	NA	NA	NA	ND(0.000019)
1,2,3,4,6,7,8-HpCDD		ND(0.00000072)	NA	0.000027	ND(0.000011)	NA	NA	NA	ND(0.000011)
HpCDDs (total)		ND(0.0000012)	NA	0.000056	ND(0.000011)	NA	NA	NA	ND(0.000011)
OCDD		ND(0.0000074)	NA	0.00015	ND(0.000062)	NA	NA	NA	ND(0.000055)
Total TEQs (WHO TEFs)		0.00000025	NA	0.000049	0.000015	NA	NA	NA	0.000083

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area:	4B	4B	4B	4B	4B	4B	4B	4B
	Location ID:	95-02	95-04	95-05	95-07	95-07	95-26	95-26	95-26
	Sample ID:	202B0608	204B0810	205B0810	207B0204	207B1820	223B0002	223B1214	226B1012
	Sample Depth(Feet):	6-8	8-10	8-10	2-4	18-20	0-2	12-14	10-12
	Date Collected:	02/15/96	03/11/96	02/12/96	02/23/96	02/23/96	03/07/96	03/07/96	02/22/96
Inorganics									
Aluminum		NA	NA	NA	NA	NA	NA	NA	NA
Antimony		ND(0.220) N	NA	1.10 BN	0.380 BN	ND(0.210) N	0.250 B	ND(0.240)	0.250 BN
Arsenic		2.00 N*	NA	2.40 N*	2.60 N*	0.440 BN*	6.20	9.90	ND(0.390) N*
Barium		55.8 E	NA	37.0 E	9.00 BE	13.5 BE	50.8	20.6 B	15.7 BE
Beryllium		0.310 BN	NA	0.360 BN	0.0600 BN	0.110 BN	0.210 B	0.0900 B	0.200 BN
Cadmium		ND(0.0200) N	NA	0.200 BN	ND(0.0200) N	ND(0.0200) N	0.0400 B	0.170 B	ND(0.0300) N
Calcium		NA	NA	NA	NA	NA	NA	NA	NA
Chromium		12.8 E	NA	19.0 E	5.20 E	8.50 E	11.5	10.4	8.00 E
Cobalt		4.80 BEN	NA	7.50 EN	1.40 BEN	3.90 BEN	9.60	15.4	5.90 BEN
Copper		5.70	NA	69.4	26.2	5.50	55.1	950	13.4
Cyanide		0.920	ND(0.560)	ND(0.650)	13.3	ND(0.590)	ND(0.690)	ND(0.680)	ND(0.650)
Iron		NA	NA	NA	NA	NA	NA	NA	NA
Lead		7.60	NA	204	18.7	4.20	40.6	10.8	5.60
Magnesium		NA	NA	NA	NA	NA	NA	NA	NA
Manganese		NA	NA	NA	NA	NA	NA	NA	NA
Mercury		ND(0.100)	NA	0.840	0.580	ND(0.120)	ND(0.130)	ND(0.140)	ND(0.110)
Nickel		11.3 E	NA	14.8 E	7.60 E	7.10 E	15.9	72.7	11.5 E
Potassium		NA	NA	NA	NA	NA	NA	NA	NA
Selenium		0.540 BN	NA	0.580 BN	0.490 BN	0.390 BN	0.490 B	0.400 B	ND(0.340) N
Silver		ND(0.0900)	NA	0.100 B	ND(0.0800)	ND(0.0800)	ND(0.100)	ND(0.0900)	ND(0.0900)
Sodium		NA	NA	NA	NA	NA	NA	NA	NA
Sulfide		NA	NA	NA	NA	NA	NA	NA	NA
Thallium		0.620 B	NA	ND(0.450)	ND(0.390)	ND(0.410)	ND(0.480)	ND(0.470)	ND(0.460)
Tin		1.40 BN	NA	41.8 N	1.90 BN	1.80 BN	2.10 B	0.820 B	1.30 BN
Vanadium		10.8 E	NA	16.3 E	6.70 E	3.80 BE	9.50	7.70	6.40 BE
Zinc		60.9 E	NA	166 E	14.5 E	27.8 E	85.5	347	36.0 E

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	4B / 206S / 206S0-6 / 0-0.5 / 09/17/97	4B / 207S / 207S0-6 / 0-0.5 / 09/17/97	4B / 209S / 209S0-6 / 0-0.5 / 09/17/97	4B / E2SC-05 / E2SC-05-CS0615 / 6-15 / 10/25/98	4B / E2SC-05 / E2SC-05-SS07 / 10-12 / 10/25/98	4B / E2SC-06 / E2SC-06-CS0615 / 6-15 / 10/23/98	4B / E2SC-06 / E2SC-06-SS08 / 12-14 / 10/23/98
Volatile Organics							
1,1,1-Trichloroethane	ND(0.022)	ND(0.021)	ND(0.023)	NA	ND(0.0052)	NA	ND(0.53)
1,1,2,2-Tetrachloroethane	ND(0.011)	ND(0.011)	ND(0.011)	NA	ND(0.0052)	NA	ND(0.53)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ND(0.017)	ND(0.016)	ND(0.017)	NA	ND(0.0052)	NA	ND(0.53)
1,2-Dibromo-3-chloropropane	ND(0.056)	ND(0.053)	ND(0.057)	NA	ND(0.010)	NA	ND(1.1)
1,2-Dichlorobenzene	NA	ND(0.62)	ND(0.67)	ND(0.39)	NA	ND(110)	NA
1,2-Dichloroethane	ND(0.011)	ND(0.011)	ND(0.011)	NA	ND(0.0052)	NA	ND(0.53)
1,3-Dichlorobenzene	NA	ND(0.54)	ND(0.58)	ND(0.39)	NA	ND(110)	NA
1,4-Dichlorobenzene	NA	ND(0.55)	ND(0.59)	ND(0.39)	NA	ND(110)	NA
1,4-Dioxane	ND(57)	ND(54)	ND(58)	NA	ND(0.52)	NA	ND(53)
2-Butanone	0.0030 JB	0.0050 JB	0.0020 JB	NA	ND(0.021)	NA	ND(2.1)
Acetone	0.031 JB	0.037 JB	0.027 JB	NA	0.021	NA	ND(2.1)
Acetonitrile	ND(0.22)	ND(0.21)	ND(0.23)	NA	ND(0.10)	NA	ND(11)
Acrylonitrile	ND(0.23)	ND(0.22)	ND(0.24)	NA	ND(0.10)	NA	ND(11)
Benzene	ND(0.017)	ND(0.016)	ND(0.017)	NA	ND(0.0052)	NA	2.1
Carbon Disulfide	ND(0.011)	ND(0.011)	ND(0.011)	NA	ND(0.0052)	NA	ND(0.53)
Chlorobenzene	ND(0.017)	ND(0.016)	0.0020 J	NA	ND(0.0052)	NA	ND(0.53)
Crotonaldehyde	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	0.0020 J	0.0010 J	0.0020 J	NA	ND(0.0052)	NA	ND(0.53)
Isobutanol	ND(14)	ND(14)	ND(15)	NA	ND(0.21)	NA	ND(21)
m&p-Xylene	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.072 B	0.014 JB	0.047 B	NA	ND(0.0052)	NA	ND(0.53)
Propionitrile	ND(0.66)	ND(0.63)	ND(0.67)	NA	ND(0.021)	NA	ND(2.1)
Styrene	ND(0.011)	ND(0.011)	ND(0.011)	NA	ND(0.0052)	NA	2.1
Tetrachloroethene	ND(0.017)	ND(0.016)	ND(0.017)	NA	ND(0.0052)	NA	ND(0.53)
Toluene	ND(0.017)	ND(0.016)	ND(0.017)	NA	ND(0.0052)	NA	2.3
Trichloroethene	ND(0.022)	ND(0.021)	ND(0.023)	NA	ND(0.0052)	NA	ND(0.53)
Trichlorofluoromethane	ND(0.022)	ND(0.021)	ND(0.023)	NA	ND(0.010)	NA	ND(1.1)
Vinyl Chloride	ND(0.022)	ND(0.021)	ND(0.023)	NA	ND(0.010)	NA	ND(1.1)
Xylenes (total)	0.0050 J	0.0040 J	0.0040 J	NA	ND(0.0052)	NA	1.6
Semivolatile Organics							
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	110 J	ND(1.4)	ND(1.5)	ND(0.39)	NA	ND(110)	NA
1,2,4-Trichlorobenzene	600	ND(0.58)	ND(0.63)	ND(0.39)	NA	ND(110)	NA
1,3,5-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	ND(950)	ND(0.96)	ND(1.0)	ND(1.9)	NA	ND(540)	NA
1-Chloronaphthalene	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	ND(630)	ND(0.64)	ND(0.70)	ND(0.39)	NA	11 J	NA
2,4-Dinitrophenol	ND(1800)	ND(1.8)	ND(1.9)	ND(1.9)	NA	ND(540)	NA
2-Acetylaminofluorene	ND(740)	ND(0.75)	ND(0.81)	ND(0.78)	NA	ND(220)	NA
2-Chloronaphthalene	60 J	ND(1.0)	ND(1.1)	ND(0.39)	NA	ND(110)	NA
2-Chlorophenol	ND(650)	ND(0.67)	ND(0.72)	ND(0.39)	NA	ND(110)	NA
2-Methylnaphthalene	48 J	ND(0.89)	0.078 J	0.64	NA	4400	NA
2-Methylphenol	95 J	ND(0.69)	ND(0.74)	ND(0.39)	NA	ND(110)	NA
3&4-Methylphenol	110 J	ND(1.4)	ND(1.5)	ND(0.39)	NA	19 J	NA
3,3'-Dichlorobenzidine	ND(520)	ND(0.53)	ND(0.57)	ND(1.9)	NA	ND(540)	NA
3,3'-Dimethoxybenzidine	NA	NA	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	ND(1000)	ND(1.0)	ND(1.1)	ND(1.9)	NA	ND(540)	NA
3-Methylcholanthrene	ND(630) B	ND(0.64) B	ND(0.70) B	ND(0.78)	NA	ND(220)	NA
3-Phenylenediamine	ND(690)	ND(0.70)	ND(0.75)	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	ND(1900)	ND(1.9)	ND(2.1)	ND(1.9)	NA	ND(540)	NA
4-Aminobiphenyl	ND(430)	ND(0.43)	ND(0.47)	ND(1.9)	NA	ND(540)	NA
4-Chlorobenzilate	ND(740)	ND(0.75)	ND(0.81)	ND(0.39)	NA	ND(110)	NA
4-Nitrophenol	ND(4700)	ND(4.8)	ND(5.1)	ND(1.9)	NA	ND(540)	NA
7,12-Dimethylbenz(a)anthracene	ND(430)	ND(0.43)	ND(0.47)	ND(0.78)	NA	ND(220)	NA
Acenaphthene	ND(690)	ND(0.70)	ND(0.75)	0.10 J	NA	340	NA
Acenaphthylene	37 J	ND(0.71)	0.46 J	0.84	NA	4400	NA
Acetophenone	200 J	ND(0.70)	0.11 J	0.021 J	NA	ND(110)	NA
Aniline	980	0.056 J	ND(0.64)	ND(0.39)	NA	ND(110)	NA
Anthracene	65 J	ND(0.78)	0.16 J	2.0	NA	8100	NA
Benzidine	ND(1700) B	ND(1.7) B	ND(1.8) B	ND(3.9)	NA	ND(1100)	NA
Benzo(a)anthracene	360 J	0.038 J	1.5	0.49	NA	1100 J	NA
Benzo(a)pyrene	440 JB	0.036 J	2.0 B	0.45	NA	590	NA
Benzo(b)fluoranthene	740 J	0.054 J	2.3	0.33 J	NA	730	NA
Benzo(g,h,i)perylene	420 J	ND(0.65)	1.2	0.12 J	NA	240	NA
Benzo(k)fluoranthene	250 JB	ND(0.65) B	0.74 B	0.16 J	NA	300	NA
Benzoic Acid	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	610	ND(0.62)	ND(0.67)	ND(0.39)	NA	ND(110)	NA
bis(2-Ethylhexyl)phthalate	250 J	0.075 J	0.087 J	0.17 J	NA	ND(110)	NA
Butylbenzylphthalate	ND(710)	ND(0.72)	ND(0.78)	ND(0.39)	NA	ND(110)	NA

Averaging Area:	4B	4B	4B	4B	4B	4B	4B
Location ID:	206S	207S	209S	E2SC-05	E2SC-05	E2SC-06	E2SC-06
Sample ID:	206S0-6	207S0-6	209S0-6	E2SC-05-CS0615	E2SC-05-SS07	E2SC-06-CS0615	E2SC-06-SS08
Sample Depth(Feet):	0-0.5	0-0.5	0-0.5	6-15	10-12	6-15	12-14
Parameter Date Collected:	09/17/97	09/17/97	09/17/97	10/25/98	10/25/98	10/23/98	10/23/98
Semivolatile Organics (continued)							
Chrysene	340 JB	0.049 JB	1.8 B	0.53	NA	1200 J	NA
Cyclophosphamide	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	71 J	ND(0.45)	0.33 J	ND(0.39)	NA	66 J	NA
Dibenzofuran	ND(720)	ND(0.73)	ND(0.79)	0.055 J	NA	200	NA
Di-n-Butylphthalate	1100	ND(0.81)	ND(0.88)	ND(0.39)	NA	ND(110)	NA
Di-n-Octylphthalate	ND(500) B	ND(0.51) B	ND(0.55) B	ND(0.39)	NA	ND(110)	NA
Diphenylamine	60 J	ND(1.5)	ND(1.6)	ND(0.39)	NA	ND(110)	NA
Fluoranthene	780 J	0.086 J	1.7	1.0	NA	2500	NA
Fluorene	ND(720)	ND(0.73)	0.071 J	0.73	NA	2700	NA
Hexachlorobenzene	72 J	ND(0.81)	ND(0.88)	ND(0.39)	NA	ND(110)	NA
Indeno(1,2,3-cd)pyrene	310 J	ND(0.49)	1.1	0.10 J	NA	230	NA
Methapyrilene	ND(1400)	ND(1.4)	ND(1.5)	ND(1.9)	NA	ND(540)	NA
Naphthalene	78 J	ND(0.79)	0.10 J	0.97	NA	12000	NA
Nitrobenzene	ND(710)	ND(0.72)	ND(0.78)	ND(0.39)	NA	ND(110)	NA
N-Nitroso-di-n-propylamine	ND(630)	ND(0.64)	ND(0.70)	ND(0.39)	NA	ND(110)	NA
N-Nitrosodiphenylamine	60 J	ND(1.5)	ND(1.6)	ND(0.39)	NA	ND(110)	NA
o-Toluidine	ND(2100)	ND(2.1)	ND(2.3)	ND(0.78)	NA	ND(220)	NA
p-Dimethylaminoazobenzene	ND(700)	ND(0.71)	ND(0.77)	ND(0.78)	NA	ND(220)	NA
Pentachlorobenzene	270 J	ND(0.70)	ND(0.75)	ND(0.39)	NA	ND(110)	NA
Pentachloronitrobenzene	NA	NA	NA	ND(1.9)	NA	ND(540)	NA
Pentachlorophenol	ND(1500)	ND(1.5)	ND(1.6)	ND(1.9)	NA	ND(540)	NA
Phenacetin	ND(630)	ND(0.64)	ND(0.70)	ND(0.78)	NA	ND(220)	NA
Phenanthrene	360 J	ND(0.65)	0.49 J	2.8	NA	8200	NA
Phenol	730	ND(0.60)	ND(0.65)	ND(0.39)	NA	7.9 J	NA
Pronamide	ND(680)	ND(0.69)	ND(0.74)	ND(0.78)	NA	ND(220)	NA
Pyrene	910	0.075 J	2.7	1.5	NA	4300	NA
Total Phenols	NA	NA	NA	NA	NA	NA	NA
Organochlorine Pesticides							
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides							
None Detected	NA	NA	NA	NA	NA	NA	NA
Herbicides							
2,4,5-T	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	0.0013 g	0.000044 g	0.000029 g	0.0000033 g	NA	ND(0.00000045)	NA
TCDFs (total)	0.012	0.00052	0.00019	0.000016	NA	ND(0.00000045)	NA
1,2,3,7,8-PeCDF	0.00062	0.000017	0.000011	ND(0.00000078)	NA	ND(0.00000051)	NA
2,3,4,7,8-PeCDF	0.00097	0.000038	0.000014	ND(0.00000085)	NA	ND(0.00000053)	NA
PeCDFs (total)	0.023	0.0010	0.00023	0.000014	NA	ND(0.00000092)	NA
1,2,3,4,7,8-HxCDF	0.0013	0.000032	0.000021	ND(0.00000098)	NA	ND(0.00000018)	NA
1,2,3,6,7,8-HxCDF	0.0011	0.000037	ND(0.000011) v	ND(0.00000058)	NA	ND(0.00000018)	NA
1,2,3,7,8,9-HxCDF	0.000017	ND(0.00000054)	ND(0.00000060)	ND(0.00000048)	NA	ND(0.00000024)	NA
2,3,4,6,7,8-HxCDF	0.00098	0.000049	0.0000087	ND(0.00000051)	NA	ND(0.00000021)	NA
HxCDFs (total)	0.030	0.00095	0.00022	0.0000045	NA	ND(0.00000080)	NA
1,2,3,4,6,7,8-HpCDF	0.0027	0.000082	0.00013	ND(0.0000017)	NA	ND(0.00000097)	NA
1,2,3,4,7,8,9-HpCDF	0.00058	0.0000075	0.0000083	ND(0.00000031)	NA	ND(0.00000054)	NA
HpCDFs (total)	0.0074	0.00017	0.00025	ND(0.0000017)	NA	ND(0.0000011)	NA
OCDF	0.0027	0.000037	0.000088	ND(0.0000013)	NA	ND(0.0000027)	NA
Dioxins							
2,3,7,8-TCDD	0.000011	ND(0.00000028)	ND(0.00000038)	ND(0.00000031)	NA	ND(0.00000068)	NA
TCDDs (total)	0.00011	ND(0.00000028)	0.0000037	ND(0.00000031)	NA	ND(0.00000068)	NA
1,2,3,7,8-PeCDD	ND(0.000062) v	ND(0.00000038)	ND(0.00000082)	ND(0.00000030)	NA	ND(0.00000043)	NA
PeCDDs (total)	ND(0.00016)	ND(0.0000012)	ND(0.0000031)	ND(0.0000010)	NA	ND(0.00000043)	NA
1,2,3,4,7,8-HxCDD	0.000097	ND(0.00000045)	ND(0.00000096)	ND(0.00000095)	NA	ND(0.00000075)	NA
1,2,3,6,7,8-HxCDD	0.00012	ND(0.00000068)	0.0000029 J	ND(0.00000086)	NA	ND(0.00000068)	NA
1,2,3,7,8,9-HxCDD	0.00010	ND(0.00000073)	ND(0.0000023)	ND(0.00000092)	NA	ND(0.00000070)	NA
HxCDDs (total)	0.0011	0.0000028	0.000016	ND(0.00000095)	NA	ND(0.00000075)	NA
1,2,3,4,6,7,8-HpCDD	0.00093	0.0000074	0.000036	ND(0.00000079)	NA	ND(0.00000060)	NA
HpCDDs (total)	0.0019	0.000015	0.000067	ND(0.00000079)	NA	ND(0.0000010)	NA
OCDD	0.0037	0.000050	0.00026	ND(0.0000047)	NA	0.0000088 J	NA
Total TEQs (WHO TEFs)	0.0011	0.000037	0.000017	0.0000011	NA	0.00000088	NA

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	Averaging Area:	4B	4B	4B	4B	4B	4B	4B
	Location ID:	206S	207S	209S	E2SC-05	E2SC-05	E2SC-06	E2SC-06
	Sample ID:	206S0-6	207S0-6	209S0-6	E2SC-05-CS0615	E2SC-05-SS07	E2SC-06-CS0615	E2SC-06-SS08
	Sample Depth(Feet):	0-0.5	0-0.5	0-0.5	6-15	10-12	6-15	12-14
Parameter	Date Collected:	09/17/97	09/17/97	09/17/97	10/25/98	10/25/98	10/23/98	10/23/98
Inorganics								
Aluminum		NA	NA	NA	NA	NA	NA	NA
Antimony		4.40 BN	ND(0.610) N	ND(0.660) N	0.290 B	NA	0.530 B	NA
Arsenic		23.9	4.00	7.50	7.50	NA	5.30	NA
Barium		82.8	36.2 B	49.7	35.3	NA	42.1	NA
Beryllium		0.290 B	0.250 B	0.410 B	0.370 B	NA	0.330 B	NA
Cadmium		1.00	ND(0.0600)	0.600 B	0.290 B	NA	0.450 B	NA
Calcium		NA	NA	NA	NA	NA	NA	NA
Chromium		108	8.60	17.8	10.9	NA	12.4	NA
Cobalt		NA	NA	NA	12.8	NA	8.80	NA
Copper		236 E	17.4 E	56.9 E	17.3	NA	23.6	NA
Cyanide		1.40	ND(0.530)	ND(0.570)	ND(3.00)	NA	53.0	NA
Iron		NA	NA	NA	NA	NA	NA	NA
Lead		405 *	10.9 *	105 *	10.7	NA	47.1	NA
Magnesium		NA	NA	NA	NA	NA	NA	NA
Manganese		NA	NA	NA	NA	NA	NA	NA
Mercury		0.660	ND(0.0500)	0.190	0.0370 B	NA	0.0640 B	NA
Nickel		34.4	11.9	25.0	19.2	NA	16.2	NA
Potassium		NA	NA	NA	NA	NA	NA	NA
Selenium		1.00	0.970 B	2.20	ND(0.590)	NA	1.30	NA
Silver		3.00	ND(0.170)	ND(0.180)	ND(1.20)	NA	ND(1.30)	NA
Sodium		NA	NA	NA	NA	NA	NA	NA
Sulfide		NA	NA	NA	ND(237)	NA	444	NA
Thallium		ND(1.00)	ND(1.10)	ND(1.10)	ND(1.20)	NA	2.10	NA
Tin		27.4	ND(2.00)	9.30 B	ND(11.9)	NA	ND(13.4)	NA
Vanadium		83.9	8.40 B	19.5	12.1	NA	10.0	NA
Zinc		273	75.6	127	68.5	NA	122	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area:	4B	4B	4B	4B	4B	4B	4B
Location ID:	E2SC-07	E2SC-07	E2SC-14	E2SC-25	E2SC-25	ESA2-TW	X-4
Sample ID:	E2SC-07-CS0615	E2SC-07-SS09	E2SC-14-CS0615	E2SC-25-CS0615	E2SC-25-SS09	ESA2-TW-SB-1	P2X040406
Sample Depth(Feet):	6-15	14-15	6-15	6-15	14-15	8-10	4-6
Date Collected:	10/27/98	10/27/98	10/08/98	08/16/99	08/16/99	05/27/99	06/25/91
Volatile Organics							
1,1,1-Trichloroethane	NA	ND(0.0045)	ND(0.0056)	NA	ND(0.25)	ND(0.15)	ND(2.5)
1,1,2,2-Tetrachloroethane	NA	ND(0.0045)	ND(0.0056)	NA	ND(0.25)	ND(0.15)	ND(4.8)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA	NA	ND(4.8)
1,1-Dichloroethane	NA	ND(0.0045)	ND(0.0056)	NA	ND(0.25)	ND(0.15)	ND(2.5)
1,2-Dibromo-3-chloropropane	NA	ND(0.0090)	ND(0.011)	NA	ND(0.50)	ND(0.15)	ND(4.8)
1,2-Dichlorobenzene	ND(0.34)	NA	ND(0.37)	ND(0.40)	NA	ND(12)	0.54 J
1,2-Dichloroethane	NA	ND(0.0045)	ND(0.0056)	NA	ND(0.25)	ND(0.15)	ND(2.5)
1,3-Dichlorobenzene	ND(0.34)	NA	ND(0.37)	ND(0.40)	NA	ND(12)	5.2
1,4-Dichlorobenzene	ND(0.34)	NA	ND(0.37)	ND(0.40)	NA	ND(12)	14
1,4-Dioxane	NA	ND(0.45)	ND(0.56)	NA	ND(25)	ND(6.0)	NA
2-Butanone	NA	ND(0.018)	ND(0.022)	NA	ND(1.0)	ND(3.0)	ND(4.8)
Acetone	NA	0.018	ND(0.022)	NA	ND(1.0)	ND(3.0)	ND(4.8)
Acetonitrile	NA	ND(0.090)	ND(0.11)	NA	ND(5.0)	ND(3.0)	NA
Acrylonitrile	NA	ND(0.090)	ND(0.11)	NA	ND(5.0)	ND(0.30)	ND(59)
Benzene	NA	0.0020 J	ND(0.0056)	NA	ND(0.25)	13	ND(2.5)
Carbon Disulfide	NA	ND(0.0045)	ND(0.0056)	NA	ND(0.25)	ND(0.30)	ND(2.5)
Chlorobenzene	NA	0.035	ND(0.0056)	NA	1.6	ND(0.15)	ND(92)
Crotonaldehyde	NA	NA	NA	NA	NA	NA	ND(48)
Ethylbenzene	NA	0.023	ND(0.0056)	NA	2.5	23	ND(5.9)
Isobutanol	NA	ND(0.18)	ND(0.22)	NA	ND(10)	ND(6.0)	NA
m&p-Xylene	NA	NA	NA	NA	NA	37	NA
Methylene Chloride	NA	ND(0.0045)	ND(0.0056)	NA	ND(0.25)	ND(0.15)	0.61 J
Propionitrile	NA	ND(0.018)	ND(0.022)	NA	ND(1.0)	ND(0.15)	NA
Styrene	NA	ND(0.0045)	ND(0.0056)	NA	ND(0.25)	ND(0.15)	ND(2.5)
Tetrachloroethene	NA	0.0015 J	ND(0.0056)	NA	ND(0.25)	ND(0.15)	ND(2.5)
Toluene	NA	ND(0.0045)	ND(0.0056)	NA	ND(0.25)	31	ND(2.5)
Trichloroethene	NA	ND(0.0045)	ND(0.0056)	NA	ND(0.25)	ND(0.15)	ND(2.5)
Trichlorofluoromethane	NA	ND(0.0090)	ND(0.011)	NA	ND(0.50)	ND(0.15)	ND(2.5)
Vinyl Chloride	NA	ND(0.0090)	ND(0.011)	NA	ND(0.50)	ND(0.30)	ND(4.8)
Xylenes (total)	NA	0.071	ND(0.0056)	NA	0.89	NA	ND(32)
Semivolatile Organics							
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA	9.8
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA	1.1 JZ
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	NA	ND(1.8)
1,2,4,5-Tetrachlorobenzene	ND(0.34)	NA	ND(0.37)	ND(0.40)	NA	ND(12)	1.1 JZ
1,2,4-Trichlorobenzene	ND(0.34)	NA	ND(0.37)	ND(0.40)	NA	ND(12)	9.4
1,3,5-Trichlorobenzene	NA	NA	NA	NA	NA	NA	1.1 J
1,3,5-Trinitrobenzene	ND(1.7)	NA	ND(1.8)	ND(1.9)	NA	ND(12)	ND(3.6)
1-Chloronaphthalene	NA	NA	NA	NA	NA	NA	ND(1.8)
1-Methylnaphthalene	NA	NA	NA	NA	NA	NA	0.65 J
2,4-Dimethylphenol	ND(0.34)	NA	ND(0.37)	ND(0.40)	NA	ND(12)	1.1 J
2,4-Dinitrophenol	ND(1.7)	NA	ND(1.8)	ND(1.9)	NA	ND(60)	ND(7.1)
2-Acetylaminofluorene	ND(0.69)	NA	ND(0.74)	ND(0.79)	NA	ND(24)	ND(1.8)
2-Chloronaphthalene	ND(0.34)	NA	ND(0.37)	ND(0.40)	NA	ND(12)	ND(1.8)
2-Chlorophenol	ND(0.34)	NA	ND(0.37)	ND(0.40)	NA	ND(12)	ND(1.8)
2-Methylnaphthalene	0.12 J	NA	ND(0.37)	4.1	NA	1800	0.47 J
2-Methylphenol	ND(0.34)	NA	ND(0.37)	ND(0.40)	NA	ND(12)	0.52 J
3&4-Methylphenol	ND(0.34)	NA	ND(0.37)	ND(0.40)	NA	ND(24)	1.9
3,3'-Dichlorobenzidine	ND(1.7)	NA	ND(1.8)	ND(1.9)	NA	ND(60)	ND(1.8)
3,3'-Dimethoxybenzidine	NA	NA	NA	NA	NA	NA	ND(1.8)
3,3'-Dimethylbenzidine	ND(1.7)	NA	ND(1.8)	ND(1.9)	NA	ND(60)	ND(3.5)
3-Methylcholanthrene	ND(0.69)	NA	ND(0.74)	ND(0.79)	NA	ND(24)	ND(1.8)
3-Phenylenediamine	NA	NA	NA	NA	NA	NA	ND(1.8)
4,6-Dinitro-2-methylphenol	ND(1.7)	NA	ND(1.8)	ND(1.9)	NA	ND(12)	ND(5.4)
4-Aminobiphenyl	ND(1.7)	NA	ND(1.8)	0.17 J	NA	ND(24)	ND(1.8)
4-Chlorobenzilate	ND(0.34)	NA	ND(0.37)	ND(0.40)	NA	ND(60)	ND(1.8)
4-Nitrophenol	ND(1.7)	NA	ND(1.8)	ND(1.9)	NA	ND(60)	ND(1.8)
7,12-Dimethylbenz(a)anthracene	ND(0.69)	NA	ND(0.74)	ND(0.79)	NA	ND(24)	ND(1.8)
Acenaphthene	0.50	NA	ND(0.37)	0.64	NA	660	0.81 J
Acenaphthylene	0.40	NA	ND(0.37)	1.2	NA	220	0.36 J
Acetophenone	ND(0.34)	NA	ND(0.37)	ND(0.40)	NA	ND(12)	ND(1.8)
Aniline	ND(0.34)	NA	ND(0.37)	ND(0.40)	NA	ND(12)	17
Anthracene	0.52	NA	ND(0.37)	1.4	NA	340	1.5 J
Benzidine	ND(3.4)	NA	ND(3.7)	ND(4.0)	NA	ND(24)	ND(1.8)
Benzo(a)anthracene	0.25 J	NA	ND(0.37)	2.0	NA	190	4.5
Benzo(a)pyrene	0.22 J	NA	ND(0.37)	1.6	NA	140	4.0
Benzo(b)fluoranthene	0.16 J	NA	ND(0.37)	0.91	NA	100	8.7 Z
Benzo(g,h,i)perylene	0.059 J	NA	ND(0.37)	0.49	NA	55	1.5 J
Benzo(k)fluoranthene	0.067 J	NA	ND(0.37)	0.93	NA	38	8.7 Z
Benzoic Acid	NA	NA	NA	NA	NA	NA	ND(18)
bis(2-Chloroethyl)ether	ND(0.34)	NA	ND(0.37)	ND(0.40)	NA	ND(12)	ND(3.6)
bis(2-Ethylhexyl)phthalate	0.23 J	NA	0.28 J	0.29 J	NA	ND(12)	0.73 BJ
Butylbenzylphthalate	ND(0.34)	NA	ND(0.37)	ND(0.40)	NA	ND(180)	ND(1.8)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	4B / E2SC-07 / E2SC-07-CS0615 / 6-15 / 10/27/98	4B / E2SC-07 / E2SC-07-SS09 / 14-15 / 10/27/98	4B / E2SC-14 / E2SC-14-CS0615 / 6-15 / 10/08/98	4B / E2SC-25 / E2SC-25-CS0615 / 6-15 / 08/16/99	4B / E2SC-25 / E2SC-25-SS09 / 14-15 / 08/16/99	4B / ESA2-TW / ESA2-TW-SB-1 / 8-10 / 05/27/99	4B / X-4 / P2X040406 / 4-6 / 06/25/91
Semivolatile Organics (continued)							
Chrysene	0.24 J	NA	ND(0.37)	1.9	NA	ND(12)	4.6
Cyclophosphamide	NA	NA	NA	NA	NA	NA	ND(8.6)
Dibenzo(a,h)anthracene	ND(0.34)	NA	ND(0.37)	0.19 J	NA	ND(24)	0.88 J
Dibenzofuran	0.053 J	NA	ND(0.37)	0.47	NA	59	0.78 J
Di-n-Butylphthalate	ND(0.34)	NA	0.16 J	ND(0.40)	NA	ND(12)	4.1
Di-n-Octylphthalate	ND(0.34)	NA	ND(0.37)	ND(0.40)	NA	ND(12)	ND(1.8)
Diphenylamine	ND(0.34)	NA	ND(0.37)	ND(0.40)	NA	ND(12)	ND(1.8)
Fluoranthene	0.56	NA	ND(0.37)	3.6	NA	130	8.6
Fluorene	0.45	NA	ND(0.15)	2.6	NA	420	1.5 J
Hexachlorobenzene	ND(0.34)	NA	ND(0.37)	ND(0.40)	NA	ND(12)	ND(1.8)
Indeno(1,2,3-cd)pyrene	0.053 J	NA	ND(0.37)	0.45	NA	59	1.6 J
Methapyrilene	ND(1.7)	NA	ND(1.8)	ND(1.9)	NA	ND(60)	ND(3.6)
Naphthalene	0.67	NA	ND(0.37)	2.9	NA	1700	2.2
Nitrobenzene	ND(0.34)	NA	ND(0.37)	ND(0.40)	NA	ND(12)	ND(1.8)
N-Nitroso-di-n-propylamine	ND(0.34)	NA	ND(0.37)	ND(0.40)	NA	ND(24)	ND(1.8)
N-Nitrosodiphenylamine	ND(0.34)	NA	ND(0.37)	ND(0.40)	NA	ND(12)	ND(1.8)
o-Toluidine	ND(0.69)	NA	ND(0.74)	ND(0.79)	NA	ND(12)	ND(1.8)
p-Dimethylaminoazobenzene	ND(0.69)	NA	ND(0.74)	ND(0.79)	NA	ND(60)	ND(1.8)
Pentachlorobenzene	ND(0.34)	NA	ND(0.37)	ND(0.40)	NA	ND(12)	2.6
Pentachloronitrobenzene	ND(1.7)	NA	ND(1.8)	ND(1.9)	NA	ND(60)	ND(1.8)
Pentachlorophenol	ND(1.7)	NA	ND(1.8)	ND(1.9)	NA	ND(60)	ND(3.6)
Phenacetin	ND(0.69)	NA	ND(0.74)	ND(0.79)	NA	ND(60)	ND(1.8)
Phenanthrene	1.2	NA	ND(0.37)	9.4	NA	1200	6.5
Phenol	ND(0.34)	NA	ND(0.37)	ND(0.40)	NA	ND(12)	5.8
Pronamide	ND(0.69)	NA	ND(0.74)	ND(0.79)	NA	ND(12)	ND(1.8)
Pyrene	0.49	NA	ND(0.37)	6.1	NA	780	6.6
Total Phenols	NA	NA	NA	NA	NA	NA	NA
Organochlorine Pesticides							
4,4'-DDE	NA	NA	NA	NA	NA	NA	ND(0.0041)
Aldrin	NA	NA	NA	NA	NA	NA	ND(0.0012)
Delta-BHC	NA	NA	NA	NA	NA	NA	ND(0.0012)
Dieldrin	NA	NA	NA	NA	NA	NA	ND(0.0017)
Endosulfan II	NA	NA	NA	NA	NA	NA	ND(0.0041)
Methoxychlor	NA	NA	NA	NA	NA	NA	ND(0.0041)
Toxaphene	NA	NA	NA	NA	NA	NA	ND(0.023)
Organophosphate Pesticides							
None Detected	NA	NA	NA	NA	NA	NA	--
Herbicides							
2,4,5-T	NA	NA	NA	NA	NA	NA	ND(0.060)
2,4,5-TP	NA	NA	NA	NA	NA	NA	ND(0.060)
2,4-D	NA	NA	NA	NA	NA	NA	ND(0.24)
Furans							
2,3,7,8-TCDF	ND(0.00000042)	NA	ND(0.00000042)	0.0000011 Jg	NA	0.000057	NA
TCDFs (total)	ND(0.00000087)	NA	ND(0.00000042)	0.0000062	NA	0.00012	NA
1,2,3,7,8-PeCDF	ND(0.00000045)	NA	ND(0.00000025)	ND(0.00000028)	NA	ND(0.000020)	NA
2,3,4,7,8-PeCDF	ND(0.00000046)	NA	ND(0.00000025)	ND(0.00000057)	NA	0.000018	NA
PeCDFs (total)	ND(0.00000072)	NA	ND(0.00000054)	ND(0.0000097)	NA	0.00017	NA
1,2,3,4,7,8-HxCDF	ND(0.00000024)	NA	ND(0.00000019)	0.0000036 J	NA	0.000020 J	NA
1,2,3,6,7,8-HxCDF	ND(0.00000024)	NA	ND(0.00000014)	ND(0.0000015)	NA	ND(0.000030)	NA
1,2,3,7,8,9-HxCDF	ND(0.00000031)	NA	ND(0.00000023)	ND(0.00000057)	NA	ND(0.000030)	NA
2,3,4,6,7,8-HxCDF	ND(0.00000027)	NA	ND(0.00000019)	ND(0.00000029)	NA	0.000015 J	NA
HxCDFs (total)	ND(0.00000065)	NA	ND(0.00000023)	0.0000036	NA	0.000035	NA
1,2,3,4,6,7,8-HpCDF	ND(0.00000054)	NA	ND(0.00000031)	ND(0.0000029)	NA	0.000040	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000010)	NA	ND(0.00000043)	ND(0.0000019)	NA	0.0000064 J	NA
HpCDFs (total)	ND(0.0000010)	NA	ND(0.00000043)	0.0000042	NA	0.000046	NA
OCDF	ND(0.0000013)	NA	ND(0.00000072)	0.0000092 J	NA	ND(0.000071)	NA
Dioxins							
2,3,7,8-TCDD	ND(0.00000038)	NA	ND(0.00000029)	ND(0.00000059)	NA	ND(0.000012)	NA
TCDDs (total)	ND(0.00000038)	NA	ND(0.00000030)	ND(0.00000059)	NA	0.000041	NA
1,2,3,7,8-PeCDD	ND(0.00000048)	NA	ND(0.00000047)	ND(0.00000083)	NA	ND(0.000012)	NA
PeCDDs (total)	ND(0.00000048)	NA	ND(0.0000023)	ND(0.00000083)	NA	0.0000086	NA
1,2,3,4,7,8-HxCDD	ND(0.00000028)	NA	ND(0.00000086)	ND(0.00000096)	NA	ND(0.000030)	NA
1,2,3,6,7,8-HxCDD	ND(0.00000024)	NA	ND(0.00000050)	ND(0.00000090)	NA	ND(0.000030)	NA
1,2,3,7,8,9-HxCDD	ND(0.00000026)	NA	ND(0.00000058)	ND(0.00000084)	NA	ND(0.000030)	NA
HxCDDs (total)	ND(0.00000028)	NA	ND(0.00000086)	ND(0.00000095)	NA	0.000030	NA
1,2,3,4,6,7,8-HpCDD	ND(0.00000038)	NA	ND(0.00000052)	ND(0.0000024)	NA	0.000093	NA
HpCDDs (total)	ND(0.00000044)	NA	ND(0.00000052)	ND(0.0000024)	NA	0.000093	NA
OCDD	ND(0.0000023)	NA	ND(0.0000011)	0.0000086 JB	NA	0.00039	NA
Total TEQs (WHO TEFs)	0.00000068	NA	0.00000062	0.0000016	NA	0.000040	NA

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	4B / E2SC-07 / E2SC-07-CS0615 / 6-15 / 10/27/98	4B / E2SC-07 / E2SC-07-SS09 / 14-15 / 10/27/98	4B / E2SC-14 / E2SC-14-CS0615 / 6-15 / 10/08/98	4B / E2SC-25 / E2SC-25-CS0615 / 6-15 / 08/16/99	4B / E2SC-25 / E2SC-25-SS09 / 14-15 / 08/16/99	4B / ESA2-TW / ESA2-TW-SB-1 / 8-10 / 05/27/99	4B / X-4 / P2X040406 / 4-6 / 06/25/91
Inorganics								
Aluminum		NA	NA	NA	NA	NA	NA	6090
Antimony		0.150 B	NA	0.130 B	0.450 B	NA	ND(0.690)	ND(7.10) N
Arsenic		4.20	NA	7.40	7.60	NA	5.90	6.30
Barium		11.7 B	NA	24.6	11.6 B	NA	32.8	359
Beryllium		0.270 B	NA	0.280 B	0.170 B	NA	0.220	ND(0.220)
Cadmium		ND(0.520)	NA	0.0990 B	0.100 B	NA	0.530	ND(0.860)
Calcium		NA	NA	NA	NA	NA	NA	26800
Chromium		6.40	NA	11.8	20.5	NA	9.40	31.7 *
Cobalt		9.10	NA	13.4	16.4	NA	5.90	8.50 B*
Copper		14.5	NA	19.2	40.2	NA	43.5	469 *
Cyanide		ND(2.60)	NA	ND(2.80)	7.90	NA	2.60	NA
Iron		NA	NA	NA	NA	NA	NA	20500 *
Lead		6.80	NA	6.40	10.1	NA	42.4	206
Magnesium		NA	NA	NA	NA	NA	NA	5660
Manganese		NA	NA	NA	NA	NA	NA	1680 *
Mercury		0.130	NA	0.0120 B	ND(0.120)	NA	0.280	94.8 *
Nickel		12.8	NA	21.0	24.5	NA	15.1	17.2 *
Potassium		NA	NA	NA	NA	NA	NA	426 B
Selenium		ND(0.520)	NA	ND(0.560)	0.620	NA	ND(0.890)	ND(0.870) WN
Silver		ND(1.00)	NA	ND(1.10)	0.150 B	NA	ND(0.890)	ND(1.10) N
Sodium		NA	NA	NA	NA	NA	NA	242 B
Sulfide		ND(209)	NA	ND(56.0)	ND(60.2)	NA	166	NA
Thallium		0.840 B	NA	2.70	1.20	NA	ND(0.890)	ND(0.440) W
Tin		ND(10.4)	NA	ND(11.2)	ND(12.0)	NA	ND(53.5)	NA
Vanadium		6.60	NA	10.9	8.70	NA	9.00	16.9 *
Zinc		37.2	NA	64.9	68.5	NA	77.5	294

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area:	4B	4B	4B	4B	4B	4B	4B
Location ID:	X-5	X-6	X-7	X-8	X-9	X-10	X-12
Sample ID:	P2X050810	P2X060406	P2X070608	P2X080204	P2X090810	P2X100204	P2X120810
Sample Depth(Feet):	8-10	4-6	6-8	2-4	8-10	2-4	8-10
Parameter Date Collected:	06/25/91	06/25/91	06/26/91	06/28/91	07/01/91	07/02/91	07/03/91
Volatile Organics							
1,1,1-Trichloroethane	ND(1.5)	ND(0.0060)	ND(0.029)	ND(0.0060)	ND(0.0070)	ND(0.0050)	ND(0.0070)
1,1,2,2-Tetrachloroethane	ND(2.9)	ND(0.012)	ND(0.058)	ND(0.012)	ND(0.014)	ND(0.010)	ND(0.015)
1,1,2-trichloro-1,2,2-trifluoroethane	ND(2.9)	ND(0.012)	0.019 BJ	0.0050 BJ	0.0050 BJ	ND(0.010)	ND(0.015)
1,1-Dichloroethane	ND(1.5)	ND(0.0060)	ND(0.029)	ND(0.0060)	ND(0.0070)	ND(0.0050)	ND(0.0070)
1,2-Dibromo-3-chloropropane	ND(2.9)	ND(0.012)	ND(0.058)	ND(0.012)	ND(0.014)	ND(0.010)	ND(0.015)
1,2-Dichlorobenzene	3.0 J	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
1,2-Dichloroethane	0.31 J	ND(0.0060)	ND(0.029)	ND(0.0060)	ND(0.0070)	ND(0.0050)	ND(0.0070)
1,3-Dichlorobenzene	9.8	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
1,4-Dichlorobenzene	54	ND(2.0)	1.8 J	ND(3.7)	ND(0.45)	ND(3.3)	1.4 J
1,4-Dioxane	NA	NA	NA	NA	NA	NA	NA
2-Butanone	ND(2.9)	ND(0.012)	ND(0.058)	ND(0.012)	ND(0.014)	ND(0.010)	ND(0.015)
Acetone	ND(2.9)	0.020	0.16	0.018 B	0.023 B	0.010 BJ	0.23
Acetonitrile	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	ND(36)	ND(0.14)	ND(0.70)	ND(0.15)	ND(0.16)	ND(0.12)	ND(0.18)
Benzene	ND(1.5)	ND(0.0060)	ND(0.029)	ND(0.0060)	ND(0.0070)	ND(0.0050)	ND(0.0070)
Carbon Disulfide	ND(1.5)	ND(0.0060)	ND(0.029)	ND(0.0060)	ND(0.0070)	ND(0.0050)	ND(0.0070)
Chlorobenzene	ND(1.5)	ND(0.0060)	0.73	ND(0.0060)	0.0040 J	0.68 DE	ND(0.0070)
Crotonaldehyde	ND(29)	ND(0.12)	ND(0.58)	ND(0.12)	ND(0.14)	ND(0.10)	ND(0.15)
Ethylbenzene	ND(1.5)	ND(0.0060)	0.14	0.019	0.0020 J	0.0070	ND(0.0070)
Isobutanol	NA	NA	NA	NA	NA	NA	NA
m&p-Xylene	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	1.5 J	0.035 B	0.10	0.016 B	0.020 B	0.020 B	0.090 B
Propionitrile	NA	NA	NA	NA	NA	NA	NA
Styrene	ND(1.5)	ND(0.0060)	ND(0.029)	0.0020 J	ND(0.0070)	ND(0.0050)	ND(0.0070)
Tetrachloroethene	ND(1.5)	ND(0.0060)	ND(0.029)	ND(0.0060)	ND(0.0070)	ND(0.0050)	ND(0.0070)
Toluene	0.34 J	ND(0.0060)	0.0090 J	0.0010 J	ND(0.0070)	ND(0.0050)	ND(0.0070)
Trichloroethene	0.48 J	ND(0.0060)	ND(0.029)	ND(0.0060)	ND(0.0070)	ND(0.0050)	ND(0.0070)
Trichlorofluoromethane	ND(1.5)	ND(0.0060)	ND(0.029)	ND(0.0060)	ND(0.0070)	ND(0.0050)	ND(0.0070)
Vinyl Chloride	ND(2.9)	ND(0.012)	ND(0.058)	ND(0.012)	ND(0.014)	ND(0.010)	ND(0.015)
Xylenes (total)	1.0 J	ND(0.0060)	0.28	0.0080	ND(0.0070)	0.015	ND(0.0070)
Semivolatile Organics							
1,2,3,4-Tetrachlorobenzene	2.6 J	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
1,2,3,5-Tetrachlorobenzene	1.1 JZ	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
1,2,3-Trichlorobenzene	1.6 J	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
1,2,4,5-Tetrachlorobenzene	1.1 JZ	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
1,2,4-Trichlorobenzene	8.7	ND(2.0)	0.91 J	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
1,3,5-Trichlorobenzene	3.0 J	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
1,3,5-Trinitrobenzene	ND(7.8)	ND(3.9)	ND(11)	ND(7.4)	ND(0.89)	ND(6.7)	ND(9.6)
1-Chloronaphthalene	ND(3.9)	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
1-Methylnaphthalene	0.48 J	1.2 J	73 D	2.7 J	0.58	ND(3.3)	ND(4.8)
2,4-Dimethylphenol	1.4 J	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
2,4-Dinitrophenol	ND(15)	ND(7.7)	ND(22)	ND(15)	ND(1.8)	ND(3.3)	ND(4.8)
2-Acetylaminofluorene	ND(3.9)	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
2-Chloronaphthalene	ND(3.9)	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
2-Chlorophenol	ND(3.9)	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
2-Methylnaphthalene	ND(3.9)	0.61 J	71	1.4 J	0.28 J	ND(3.3)	ND(4.8)
2-Methylphenol	ND(3.9)	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
3&4-Methylphenol	1.5 J	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
3,3'-Dichlorobenzidine	ND(3.9)	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
3,3'-Dimethoxybenzidine	ND(3.9)	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
3,3'-Dimethylbenzidine	ND(7.8)	ND(3.9)	ND(11)	ND(7.4)	ND(0.89)	ND(6.7)	ND(9.6)
3-Methylcholanthrene	ND(3.9)	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
3-Phenylenediamine	ND(3.9)	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
4,6-Dinitro-2-methylphenol	ND(12)	ND(5.9)	ND(17)	ND(11)	ND(1.3)	ND(10)	ND(14)
4-Aminobiphenyl	ND(3.9)	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
4-Chlorobenzilate	ND(3.9)	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
4-Nitrophenol	ND(3.9)	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
7,12-Dimethylbenz(a)anthracene	ND(3.9)	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
Acenaphthene	0.49 J	0.33 J	50	1.5 J	0.11 J	ND(3.3)	ND(4.8)
Acenaphthylene	ND(3.9)	1.6 J	15	3.9	0.14 J	0.93 J	ND(4.8)
Acetophenone	ND(3.9)	ND(2.0)	ND(5.5)	0.38 J	ND(0.45)	ND(3.3)	ND(4.8)
Aniline	6.7	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
Anthracene	0.67 J	0.84 J	32	5.5	0.42 J	ND(3.3)	ND(4.8)
Benzidine	ND(3.9)	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
Benzo(a)anthracene	2.2 J	3.2	24	13	0.73	2.2 J	ND(4.8)
Benzo(a)pyrene	2.1 J	4.5	22	11	0.64	2.5 J	ND(4.8)
Benzo(b)fluoranthene	5.3 Z	7.1	32 Z	23 Z	1.1 Z	2.1 J	ND(4.8)
Benzo(g,h,i)perylene	1.0 J	23	7.1	5.2	0.29 J	1.3 J	ND(4.8)
Benzo(k)fluoranthene	5.3 Z	7.1	32 Z	23 Z	1.1 Z	3.1 J	ND(4.8)
Benzoic Acid	ND(39)	ND(20)	ND(55)	ND(37)	ND(4.5)	ND(33)	ND(48)
bis(2-Chloroethyl)ether	ND(7.8)	ND(3.9)	ND(11)	ND(7.4)	ND(0.89)	ND(6.7)	ND(9.6)
bis(2-Ethylhexyl)phthalate	ND(3.9)	0.32 BJ	2.2 BJ	0.51 BJ	0.22 J	0.49 J	ND(4.8)
Butylbenzylphthalate	ND(3.9)	1.1 J	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area:	4B	4B	4B	4B	4B	4B	4B
	Location ID:	X-5	X-6	X-7	X-8	X-9	X-10	X-12
	Sample ID:	P2X050810	P2X060406	P2X070608	P2X080204	P2X090810	P2X100204	P2X120810
	Sample Depth(Feet):	8-10	4-6	6-8	2-4	8-10	2-4	8-10
	Date Collected:	06/25/91	06/25/91	06/26/91	06/28/91	07/01/91	07/02/91	07/03/91
Semivolatile Organics (continued)								
Chrysene		2.6 J	3.8	25	11	0.65	2.6 J	ND(4.8)
Cyclophosphamide		ND(19)	ND(9.5)	ND(27)	ND(18)	ND(2.2)	ND(16)	ND(23)
Dibenzo(a,h)anthracene		ND(3.9)	0.92 J	3.5 J	1.4 J	0.083 J	ND(3.3)	ND(4.8)
Dibenzofuran		0.41 J	ND(2.0)	ND(5.5)	2.5 J	0.054 J	ND(3.3)	ND(4.8)
Di-n-Butylphthalate		ND(3.9)	ND(2.0)	ND(5.5)	1.2 J	ND(0.45)	ND(3.3)	ND(4.8)
Di-n-Octylphthalate		ND(3.9)	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
Diphenylamine		ND(3.9)	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
Fluoranthene		2.6 J	3.8	47	20	1.3	4.2	ND(4.8)
Fluorene		0.80 J	0.76 J	45	3.4 J	0.35 J	ND(3.3)	ND(4.8)
Hexachlorobenzene		ND(3.9)	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
Indeno(1,2,3-cd)pyrene		0.98 J	1.8 J	6.3	4.3	0.25 J	0.95 J	ND(4.8)
Methapyrilene		ND(7.8)	ND(3.9)	ND(11)	ND(7.4)	ND(0.89)	ND(6.7)	ND(9.6)
Naphthalene		0.53 J	0.84 J	81 D	2.2 J	0.97	ND(3.3)	1.1 J
Nitrobenzene		ND(3.9)	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
N-Nitroso-di-n-propylamine		ND(3.9)	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
N-Nitrosodiphenylamine		ND(3.9)	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
o-Toluidine		ND(3.9)	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
p-Dimethylaminoazobenzene		ND(3.9)	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
Pentachlorobenzene		0.52 J	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
Pentachloronitrobenzene		ND(3.9)	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
Pentachlorophenol		ND(7.8)	ND(3.9)	ND(11)	ND(7.4)	ND(0.89)	ND(6.7)	ND(9.6)
Phenacetin		ND(3.9)	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
Phenanthrene		2.8 J	2.1	88	26	1.9	2.7 J	ND(4.8)
Phenol		4.0	ND(2.0)	ND(5.5)	0.69 J	ND(0.45)	ND(3.3)	0.64 J
Pronamide		ND(3.9)	ND(2.0)	ND(5.5)	ND(3.7)	ND(0.45)	ND(3.3)	ND(4.8)
Pyrene		3.5 J	4.6	58	20	1.6	6.2	ND(4.8)
Total Phenols		7.7	3.0	0.64	0.67	0.13	0.98	9.1
Organochlorine Pesticides								
4,4'-DDE		ND(1.8)	ND(0.017)	ND(0.0035)	ND(0.069)	NA	ND(0.070)	ND(0.0035)
Aldrin		ND(0.50)	ND(0.0049)	ND(0.0010)	ND(0.020)	NA	ND(0.020)	ND(0.0010)
Delta-BHC		ND(0.50)	ND(0.0049)	ND(0.0010)	ND(0.020)	NA	ND(0.020)	ND(0.0010)
Dieldrin		ND(0.75)	ND(0.0074)	ND(0.0015)	ND(0.030)	NA	ND(0.030)	ND(0.0015)
Endosulfan II		ND(1.8)	ND(0.017)	ND(0.0035)	ND(0.069)	NA	ND(0.070)	ND(0.0035)
Methoxychlor		ND(1.8)	ND(0.017)	ND(0.0035)	ND(0.069)	NA	ND(0.070)	ND(0.0035)
Toxaphene		ND(10)	ND(0.099)	ND(0.020)	ND(0.40)	NA	ND(0.40)	ND(0.020)
Organophosphate Pesticides								
None Detected		--	--	--	--	--	--	--
Herbicides								
2,4,5-T		ND(0.060)	ND(0.030)	0.069	ND(0.031)	ND(0.033)	ND(0.025)	ND(0.037)
2,4,5-TP		ND(0.060)	ND(0.030)	ND(0.029)	ND(0.031)	ND(0.033)	ND(0.025)	ND(0.037)
2,4-D		ND(0.24)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.13)	ND(0.10)	ND(0.15)
Furans								
2,3,7,8-TCDF		NA	NA	NA	NA	NA	NA	NA
TCDFs (total)		NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF		NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF		NA	NA	NA	NA	NA	NA	NA
PeCDFs (total)		NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF		NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF		NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF		NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF		NA	NA	NA	NA	NA	NA	NA
HxCDFs (total)		NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF		NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF		NA	NA	NA	NA	NA	NA	NA
HpCDFs (total)		NA	NA	NA	NA	NA	NA	NA
OCDF		NA	NA	NA	NA	NA	NA	NA
Dioxins								
2,3,7,8-TCDD		NA	NA	NA	NA	NA	NA	NA
TCDDs (total)		NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD		NA	NA	NA	NA	NA	NA	NA
PeCDDs (total)		NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD		NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD		NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD		NA	NA	NA	NA	NA	NA	NA
HxCDDs (total)		NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		NA	NA	NA	NA	NA	NA	NA
HpCDDs (total)		NA	NA	NA	NA	NA	NA	NA
OCDD		NA	NA	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)		NA	NA	NA	NA	NA	NA	NA

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	Sample ID:	P2X050810	P2X060406	P2X070608	P2X080204	P2X090810	P2X100204	P2X120810
	Sample Depth(Feet):	8-10	4-6	6-8	2-4	8-10	2-4	8-10
	Date Collected:	06/25/91	06/25/91	06/26/91	06/28/91	07/01/91	07/02/91	07/03/91
Inorganics								
Aluminum		8790	9590	3860	7410	5330	7190	10300
Antimony		128 N	ND(7.80) N	ND(3.80) N	ND(3.90) N	ND(4.30) N	ND(3.30) N	ND(4.90) N
Arsenic		16.0	6.40 A	2.70	0.770 BN	3.70 AN	5.50 N	10.3 N
Barium		423	47.6	14.5 B	53.9	19.3 B	33.6	73.1
Beryllium		0.300 B	0.330 B	ND(0.110)	0.220 B	0.150 B	0.210 B	0.380 B
Cadmium		19.3	ND(0.940)	ND(0.460)	0.630	ND(0.520)	0.630	ND(0.590)
Calcium		20400	11600	2500	28300 E*	16300 E*	18100 E*	11700 E*
Chromium		286 *	23.3 *	5.30 *	13.8	6.90	8.90	20.7
Cobalt		22.3 *	9.10 B*	3.40 B*	7.70	6.20 B	7.30	10.9
Copper		4930 *	120 *	23.3 *	67.1 *	13.9 *	32.2 *	115 *
Cyanide		ND(0.600)	ND(0.600)	1.30	11.0	1.00	1.10	7.80
Iron		71400 *	22500 *	8880 *	28600 E	13500 E	24200 E	41700 E
Lead		4410	161	19.0	176	2.80	66.2	191
Magnesium		11700	9120	2620	8560 *	10700 *	8460 *	8250 *
Manganese		1480 *	393 *	148 *	419	270	540	634
Mercury		4.10 *	0.460 *	0.370 *	0.700 N*	ND(0.120) N*	0.610 N*	2.40 N*
Nickel		165 *	26.0 *	7.80 *	19.2	11.5	16.0	24.6
Potassium		652 B	480 B	229 B	393 B	285 B	453 B	755
Selenium		ND(0.940) N	ND(0.940) N	ND(0.460) N	ND(0.470) QN	ND(0.520) N	ND(2.00) N	ND(2.90) WN
Silver		131 N	ND(1.20) N	ND(0.570) N	ND(0.600) N	ND(0.660) N	ND(0.510) N	ND(0.740) N
Sodium		512 B	594 B	69.4 B	129 B	129 B	115 B	164 B
Sulfide		24.1	53.6	ND(11.2)	ND(11.2)	NA	ND(10.2)	ND(14.7)
Thallium		ND(0.470) W	ND(0.470) W	ND(0.230) W	ND(0.240) WN	ND(0.260) WN	ND(0.200) WN	ND(0.290) WN
Tin		NA	NA	NA	NA	NA	NA	NA
Vanadium		19.6 *	44.1 *	6.00 *	16.1	6.80	14.0	25.6
Zinc		4190	261	32.9	141 E	50.7 E	98.8 E	199 E

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area:	4B	4B	4B	4B	4B	4B	4B
Location ID:	X-13	X-14	X-15	X-16	X-18	X-19	X-20
Sample ID:	P2X130002	P2X140406	P2X150810	P2X160810	P2X181416	P2X190810	P2X201012
Sample Depth(Feet):	0-2	4-6	8-10	8-10	14-16	8-10	10-12
Parameter Date Collected:	07/03/91	07/05/91	07/05/91	07/08/91	07/08/91	07/09/91	07/09/91
Volatile Organics							
1,1,1-Trichloroethane	ND(0.0070)	ND(0.0070)	ND(0.0060)	ND(0.0070)	ND(0.0060)	NA	ND(0.78)
1,1,2,2-Tetrachloroethane	ND(0.013)	ND(0.013)	ND(0.012)	ND(0.014)	ND(0.012)	NA	ND(1.5)
1,1,2-trichloro-1,2,2-trifluoroethane	ND(0.013)	ND(0.013)	ND(0.012)	ND(0.014)	ND(0.012)	NA	ND(1.5)
1,1-Dichloroethane	ND(0.0070)	ND(0.0070)	ND(0.0060)	ND(0.0070)	ND(0.0060)	NA	ND(0.78)
1,2-Dibromo-3-chloropropane	ND(0.013)	ND(0.013)	ND(0.012)	ND(0.014)	ND(0.012)	NA	ND(1.5)
1,2-Dichlorobenzene	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
1,2-Dichloroethane	ND(0.0070)	ND(0.0070)	ND(0.0060)	ND(0.0070)	ND(0.0060)	NA	ND(0.78)
1,3-Dichlorobenzene	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
1,4-Dichlorobenzene	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	0.62 J	ND(670)	NA
1,4-Dioxane	NA	NA	NA	NA	NA	NA	NA
2-Butanone	ND(0.013)	ND(0.013)	ND(0.012)	ND(0.014)	ND(0.012)	NA	ND(1.5)
Acetone	ND(0.013)	0.0090 BJ	0.0090 BJ	0.010 J	0.029	NA	ND(1.5)
Acetonitrile	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	ND(0.16)	ND(0.16)	ND(0.15)	ND(0.16)	ND(0.14)	NA	ND(19)
Benzene	ND(0.0070)	ND(0.0070)	ND(0.0060)	ND(0.0070)	ND(0.0060)	NA	ND(0.78)
Carbon Disulfide	ND(0.0070)	ND(0.0070)	ND(0.0060)	ND(0.0070)	ND(0.0060)	NA	ND(0.78)
Chlorobenzene	ND(0.0070)	ND(0.0070)	ND(0.0060)	ND(0.0070)	ND(0.0060)	NA	ND(0.78)
Crotonaldehyde	ND(0.13)	ND(0.13)	ND(0.12)	ND(0.14)	ND(0.12)	NA	ND(15)
Ethylbenzene	ND(0.0070)	ND(0.0070)	ND(0.0060)	ND(0.0070)	ND(0.0060)	NA	0.64 J
Isobutanol	NA	NA	NA	NA	NA	NA	NA
m&p-Xylene	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.0090 BJ	0.016 B	0.012 BJ	0.011 BJ	0.014 B	NA	0.80 BJ
Propionitrile	NA	NA	NA	NA	NA	NA	NA
Styrene	ND(0.0070)	ND(0.0070)	ND(0.0060)	ND(0.0070)	ND(0.0060)	NA	1.9
Tetrachloroethene	ND(0.0070)	ND(0.0070)	ND(0.0060)	ND(0.0070)	ND(0.0060)	NA	ND(0.78)
Toluene	ND(0.0070)	ND(0.0070)	ND(0.0060)	ND(0.0070)	ND(0.0060)	NA	ND(0.78)
Trichloroethene	ND(0.0070)	ND(0.0070)	ND(0.0060)	ND(0.0070)	ND(0.0060)	NA	ND(0.78)
Trichlorofluoromethane	ND(0.0070)	ND(0.0070)	ND(0.0060)	ND(0.0070)	ND(0.0060)	NA	ND(0.78)
Vinyl Chloride	ND(0.013)	ND(0.013)	ND(0.012)	ND(0.014)	ND(0.012)	NA	ND(1.5)
Xylenes (total)	ND(0.0070)	ND(0.0070)	ND(0.0060)	ND(0.0070)	ND(0.0060)	NA	4.2
Semivolatile Organics							
1,2,3,4-Tetrachlorobenzene	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
1,2,3,5-Tetrachlorobenzene	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
1,2,3-Trichlorobenzene	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
1,2,4,5-Tetrachlorobenzene	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
1,2,4-Trichlorobenzene	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	0.11 J	ND(670)	NA
1,3,5-Trichlorobenzene	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
1,3,5-Trinitrobenzene	ND(0.87)	ND(8.7)	ND(0.81)	ND(0.76)	ND(1.5)	ND(1300)	NA
1-Chloronaphthalene	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
1-Methylnaphthalene	ND(0.43)	ND(4.3)	0.13 J	ND(0.38)	26 E	57000 D	NA
2,4-Dimethylphenol	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
2,4-Dinitrophenol	ND(1.7)	ND(17)	ND(1.6)	ND(1.5)	ND(3.0)	ND(2700)	NA
2-Acetylaminofluorene	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
2-Chloronaphthalene	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
2-Chlorophenol	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
2-Methylnaphthalene	ND(0.43)	350 E	0.049 J	ND(0.38)	12	39000 D	NA
2-Methylphenol	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
3&4-Methylphenol	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
3,3'-Dichlorobenzidine	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
3,3'-Dimethoxybenzidine	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.053)	ND(0.76)	ND(670)	NA
3,3'-Dimethylbenzidine	ND(0.87)	ND(8.7)	ND(0.81)	ND(0.76)	ND(1.5)	ND(1300)	NA
3-Methylcholanthrene	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
3-Phenylenediamine	ND(0.43)	350 E	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
4,6-Dinitro-2-methylphenol	ND(1.3)	ND(13)	ND(1.2)	ND(1.1)	ND(2.3)	ND(2000)	NA
4-Aminobiphenyl	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
4-Chlorobenzilate	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
4-Nitrophenol	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
7,12-Dimethylbenz(a)anthracene	ND(0.43)	ND(0.43)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
Acenaphthene	ND(0.43)	9.7	ND(0.41)	ND(0.38)	9.8	1600	NA
Acenaphthylene	0.045 J	23	0.35 J	ND(0.38)	4.9	16000 D	NA
Acetophenone	ND(0.43)	21	0.059 J	ND(0.38)	ND(0.76)	ND(670)	NA
Aniline	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
Anthracene	ND(0.43)	12	0.24 J	ND(0.38)	4.4	ND(6200)	NA
Benzidine	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
Benzo(a)anthracene	0.18 J	66	0.91	0.38 J	5.2	4100	NA
Benzo(a)pyrene	0.23 J	21	0.66	0.048 J	4.8	3300	NA
Benzo(b)fluoranthene	0.43 Z	120 EZ	1.2 Z	0.045 JZ	5.2 Z	3600	NA
Benzo(g,h,i)perylene	0.16 J	45	0.47	ND(0.38)	2.4	1100	NA
Benzo(k)fluoranthene	0.50 Z	120 EZ	1.2 Z	0.045 JZ	5.2 Z	3600	NA
Benzoic Acid	0.084 BJ	6.9 BJ	ND(4.1)	ND(3.8)	ND(7.6)	ND(6600)	NA
bis(2-Chloroethyl)ether	ND(0.87)	ND(8.7)	ND(0.81)	ND(0.76)	ND(1.5)	ND(1300)	NA
bis(2-Ethylhexyl)phthalate	0.15 J	ND(4.3)	0.20 J	0.15 BJ	0.28 BJ	ND(670)	NA
Butylbenzylphthalate	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	4B / X-13 / P2X130002 / 0-2 / 07/03/91	4B / X-14 / P2X140406 / 4-6 / 07/05/91	4B / X-15 / P2X150810 / 8-10 / 07/05/91	4B / X-16 / P2X160810 / 8-10 / 07/08/91	4B / X-18 / P2X181416 / 14-16 / 07/08/91	4B / X-19 / P2X190810 / 8-10 / 07/09/91	4B / X-20 / P2X201012 / 10-12 / 07/09/91
Semivolatile Organics (continued)							
Chrysene	0.23 J	86 E	0.77	0.063 J	5.0	2800	NA
Cyclophosphamide	ND(2.1)	ND(21)	ND(2.0)	ND(1.8)	ND(3.7)	ND(3400)	NA
Dibenzo(a,h)anthracene	ND(0.43)	11	0.11 J	ND(0.38)	0.70 J	350 J	NA
Dibenzofuran	ND(0.43)	14	ND(0.41)	ND(0.38)	0.79	1500	NA
Di-n-Butylphthalate	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
Di-n-Octylphthalate	0.060 J	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.75)	ND(670)	NA
Diphenylamine	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	190 JZ	NA
Fluoranthene	0.32 J	180 E	0.95	0.091 J	10	5800	NA
Fluorene	ND(0.43)	57	0.14 J	ND(0.38)	5.6	9900	NA
Hexachlorobenzene	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
Indeno(1,2,3-cd)pyrene	0.12 J	29	0.34 J	ND(0.38)	1.5	810	NA
Methapyrilene	ND(0.87)	ND(8.7)	ND(0.81)	ND(0.76)	ND(1.5)	ND(1300)	NA
Naphthalene	ND(0.43)	1100 E	0.093 J	ND(0.38)	29 E	79000 D	NA
Nitrobenzene	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
N-Nitroso-di-n-propylamine	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
N-Nitrosodiphenylamine	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	190 JZ	NA
o-Toluidine	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
p-Dimethylaminoazobenzene	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
Pentachlorobenzene	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
Pentachloronitrobenzene	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
Pentachlorophenol	ND(0.87)	ND(8.7)	ND(0.81)	ND(0.76)	ND(1.5)	ND(1300)	NA
Phenacetin	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
Phenanthrene	0.21 J	290 E	0.56	0.052 J	20 E	33000 D	NA
Phenol	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
Pronamide	ND(0.43)	ND(4.3)	ND(0.41)	ND(0.38)	ND(0.76)	ND(670)	NA
Pyrene	0.32 J	260 E	1.8	0.18 J	12 E	16000 D	NA
Total Phenols	0.61	0.87	ND(0.12)	ND(0.13)	ND(0.12)	22	1.4
Organochlorine Pesticides							
4,4'-DDE	ND(0.017)	ND(0.017)	0.0042	ND(0.0035)	ND(0.0035)	NA	ND(0.0035)
Aldrin	ND(0.0049)	ND(0.0049)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	0.0016
Delta-BHC	ND(0.0049)	ND(0.0049)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)
Dieldrin	ND(0.0073)	ND(0.0074)	ND(0.0015)	ND(0.0015)	ND(0.0015)	NA	ND(0.0015)
Endosulfan II	ND(0.017)	ND(0.017)	ND(0.0035)	ND(0.0035)	ND(0.0035)	NA	ND(0.0035)
Methoxychlor	ND(0.017)	ND(0.017)	ND(0.0035)	ND(0.0035)	ND(0.0035)	NA	ND(0.0035)
Toxaphene	ND(0.098)	ND(0.098)	ND(0.020)	ND(0.020)	ND(0.020)	NA	ND(0.020)
Organophosphate Pesticides							
None Detected	--	--	--	--	--	--	--
Herbicides							
2,4,5-T	ND(0.033)	ND(0.033)	ND(0.047)	0.070	ND(0.029)	ND(0.042)	ND(0.031)
2,4,5-TP	ND(0.033)	ND(0.033)	ND(0.038)	0.072	ND(0.029)	ND(0.042)	ND(0.031)
2,4-D	ND(0.13)	ND(0.13)	ND(0.16)	0.28	ND(0.12)	ND(0.17)	ND(0.13)
Furans							
2,3,7,8-TCDF	NA	NA	NA	NA	NA	NA	NA
TCDFs (total)	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA	NA	NA	NA	NA
PeCDFs (total)	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	NA	NA	NA
HxCDFs (total)	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	NA	NA	NA
HpCDFs (total)	NA	NA	NA	NA	NA	NA	NA
OCDF	NA	NA	NA	NA	NA	NA	NA
Dioxins							
2,3,7,8-TCDD	NA	NA	NA	NA	NA	NA	NA
TCDDs (total)	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	NA	NA	NA	NA	NA	NA	NA
PeCDDs (total)	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	NA	NA	NA
HxCDDs (total)	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	NA	NA	NA
HpCDDs (total)	NA	NA	NA	NA	NA	NA	NA
OCDD	NA	NA	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)	NA	NA	NA	NA	NA	NA	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	Averaging Area:	4B	4B	4B	4B	4B	4B	4B
	Location ID:	X-13	X-14	X-15	X-16	X-18	X-19	X-20
	Sample ID:	P2X130002	P2X140406	P2X150810	P2X160810	P2X181416	P2X190810	P2X201012
	Sample Depth(Feet):	0-2	4-6	8-10	8-10	14-16	8-10	10-12
	Date Collected:	07/03/91	07/05/91	07/05/91	07/08/91	07/08/91	07/09/91	07/09/91
Inorganics								
Aluminum		10600	3460	11500	17300	6040	1250	13200
Antimony		ND(4.30) N	ND(4.20) N	ND(4.00) N	ND(4.10) N	ND(3.70) N	ND(5.50) N	ND(4.10) N
Arsenic		35.7 AN	32.2 N	11.5 N	9.30 N	3.60 QN	17.6 N	5.20 AN
Barium		59.0	43.6	22.8 B	91.2	26.6	29.9 B	10.6 B
Beryllium		0.290 B	ND(0.130)	0.220 B	0.680	0.230 B	0.220 B	0.150 B
Cadmium		ND(0.520)	ND(0.510)	ND(0.480)	ND(0.500)	ND(0.450)	1.00	ND(0.500)
Calcium		7410 E*	13700 E*	42500 E*	6730 E*	5910 E*	6830 E*	27800 E*
Chromium		19.3	8.60	17.7	18.1	8.10	8.60	12.3
Cobalt		10.0	2.00 B	12.2	16.2	6.00	3.00 B	13.0
Copper		87.3 *	14.5 *	45.4 *	22.9 *	9.10 *	153 *	25.5 *
Cyanide		28.0	4.80	1.70	ND(0.620)	2.20	8.20	ND(0.630)
Iron		33300 E	40300 E	35200 E	39400 E	13800 E	10700 E	28900 E
Lead		105	95.3	4.00	1.80	1.80	383	2.20
Magnesium		7320 *	4510 *	25500 *	7220 *	5190 *	1840 *	18700 *
Manganese		540	282	711	2040	199	113	694
Mercury		0.380 N*	1.40 N*	ND(0.120) N*	ND(0.110) N*	ND(0.110) N*	2.00 N*	ND(0.120) N*
Nickel		23.7	1.90 B	28.4	24.3	10.7	16.4	29.8
Potassium		536 B	502 B	406 B	612 B	289 B	279 B	313 B
Selenium		ND(5.20) N	ND(5.30) N	ND(2.40) N	ND(2.50) WN	ND(0.450) WN	ND(6.50) WN	ND(0.500) WN
Silver		ND(0.650) N	ND(0.640) N	ND(0.610) N	ND(0.620) N	ND(0.560) N	ND(0.830) N	ND(0.620) N
Sodium		163 B	257 B	108 B	113 B	110 B	200 B	94.0 B
Sulfide		ND(13.2)	82.1	ND(12.3)	ND(12.5)	ND(11.6)	31.9	17.7
Thallium		ND(0.260) WN	ND(0.260) WN	ND(0.240) WN	ND(0.250) WN	ND(0.230) WN	4.80 N	ND(0.250) WN
Tin		NA	NA	NA	NA	NA	NA	NA
Vanadium		25.4	14.7	10.0	22.0	8.10	8.20 B	9.90
Zinc		133 E	111 E	76.6 E	80.2 E	43.2 E	348 E	77.6 E

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area:	Location ID:	Sample ID:	Sample Depth(Feet):	Date Collected:
	4B	Y-8	P2Y080204	2-4	06/12/91
	4B	Y-9	P2Y090406	4-6	06/07/91
	4B	Y-10	P2Y100204	2-4	06/20/91
	4B	Y-13	P2Y130204	2-4	06/14/91
	4B	Y-14	P2Y140406	4-6	06/14/91
	4B	Y-15	P2Y150204	2-4	06/20/91
	4B	Y-18	P2Y180204	2-4	06/18/91
	4B	Y-19	P2Y191012	10-12	06/19/91
Volatile Organics					
1,1,1-Trichloroethane	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.029)	ND(0.0060)	ND(0.0060)
1,1,2,2-Tetrachloroethane	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.012)	ND(0.013)	ND(0.057)	ND(0.011)	ND(0.012)
1,1,2-trichloro-1,2,2-trifluoroethane	ND(0.011)	0.0030 BJ	0.0050 BJ	0.0040 BJ	0.0049 BJ	ND(0.057)	ND(0.011)	ND(0.012)
1,1-Dichloroethane	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.029)	ND(0.0060)	ND(0.0060)
1,2-Dibromo-3-chloropropane	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.012)	ND(0.013)	ND(0.057)	ND(0.011)	ND(0.012)
1,2-Dichlorobenzene	0.058 J	0.097 J	0.15 J	ND(0.40)	ND(0.82)	ND(5.7)	ND(0.38)	ND(0.40)
1,2-Dichloroethane	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.029)	ND(0.0060)	ND(0.0060)
1,3-Dichlorobenzene	ND(0.37)	0.30 J	1.3	ND(0.40)	ND(0.82)	1.7 J	ND(0.38)	ND(0.40)
1,4-Dichlorobenzene	ND(0.37)	0.76	2.6	ND(0.40)	ND(0.82)	5.4 J	ND(0.33)	ND(0.40)
1,4-Dioxane	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.012)	ND(0.013)	ND(0.057)	ND(0.011)	ND(0.012)
Acetone	0.015 B	0.032 B	0.017 B	0.0090 BJ	0.015 B	0.083	ND(0.011)	0.0080 J
Acetonitrile	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	ND(0.14)	ND(0.15)	ND(0.14)	ND(0.15)	ND(0.15)	ND(0.69)	ND(0.14)	ND(0.15)
Benzene	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.029)	ND(0.0060)	ND(0.0060)
Carbon Disulfide	ND(0.0060)	0.0030 J	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.029)	ND(0.0060)	ND(0.0060)
Chlorobenzene	ND(0.0060)	0.013	0.013	ND(0.0060)	ND(0.0060)	0.27	ND(0.0060)	ND(0.0060)
Crotonaldehyde	ND(0.11)	ND(0.12)	ND(0.11)	ND(0.12)	ND(0.13)	ND(0.57)	ND(0.11)	ND(0.12)
Ethylbenzene	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	0.22	ND(0.0060)	ND(0.0060)
Isobutanol	NA	NA	NA	NA	NA	NA	NA	NA
m&p-Xylene	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.027 B	0.033 B	0.016 B	0.028 B	0.019 B	0.094 B	0.040 B	0.040
Propionitrile	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.029)	ND(0.0060)	ND(0.0060)
Tetrachloroethene	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.029)	ND(0.0060)	ND(0.0060)
Toluene	0.0080	0.0020 J	ND(0.0060)	0.0060 J	0.0020 J	ND(0.029)	ND(0.0060)	ND(0.0060)
Trichloroethene	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.029)	ND(0.0060)	ND(0.0060)
Trichlorofluoromethane	0.0040 J	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.029)	ND(0.0060)	ND(0.0060)
Vinyl Chloride	ND(0.011)	0.010 J	ND(0.011)	ND(0.012)	ND(0.013)	ND(0.057)	ND(0.011)	ND(0.012)
Xylenes (total)	ND(0.0060)	ND(0.0060)	0.0020 J	ND(0.0060)	ND(0.0060)	1.2 E	ND(0.0060)	ND(0.0060)
Semivolatile Organics								
1,2,3,4-Tetrachlorobenzene	ND(0.37)	0.18 J	0.30 J	ND(0.40)	1.2	1.5 J	ND(0.38)	ND(0.40)
1,2,3,5-Tetrachlorobenzene	ND(0.37)	0.097 JZ	ND(0.38)	ND(0.40)	0.15 J	ND(5.7)	ND(0.38)	ND(0.40)
1,2,3-Trichlorobenzene	ND(0.37)	0.25 J	0.063 J	ND(0.40)	0.31 J	0.82 J	ND(0.38)	ND(0.40)
1,2,4,5-Tetrachlorobenzene	ND(0.37)	0.097 JZ	ND(0.38)	ND(0.40)	0.15 J	ND(5.7)	ND(0.38)	ND(0.40)
1,2,4-Trichlorobenzene	ND(0.37)	0.35 J	0.29 J	ND(0.40)	0.46 J	2.9 J	ND(0.38)	0.15 J
1,3,5-Trichlorobenzene	ND(0.37)	ND(0.38)	0.12 J	ND(0.40)	ND(0.82)	ND(5.7)	ND(0.38)	ND(0.40)
1,3,5-Trinitrobenzene	ND(0.74)	0.10 J	ND(0.76)	ND(0.81)	ND(1.6)	ND(5.7)	ND(0.76)	ND(0.81)
1-Chloronaphthalene	ND(0.37)	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.82)	1.6 J	ND(0.38)	ND(0.40)
1-Methylnaphthalene	0.081 J	1.0	0.12 J	0.10 J	0.68 J	1.4 J	ND(0.38)	0.32 J
2,4-Dimethylphenol	0.053 J	ND(0.38)	0.095 J	ND(0.40)	ND(0.82)	ND(5.7)	ND(0.38)	0.055 J
2,4-Dinitrophenol	ND(1.5)	ND(1.5)	ND(1.5)	ND(1.6)	0.18 J	ND(5.7)	ND(1.5)	ND(1.6)
2-Acetylaminofluorene	ND(0.37)	0.16 J	ND(0.38)	ND(0.40)	ND(0.82)	ND(5.7)	ND(0.38)	ND(0.40)
2-Chloronaphthalene	ND(0.37)	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.82)	ND(5.7)	ND(0.38)	ND(0.40)
2-Chlorophenol	ND(0.37)	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.82)	ND(5.7)	ND(0.38)	ND(0.40)
2-Methylnaphthalene	0.049 J	0.60	0.086 J	0.068 J	0.25 J	0.78 J	ND(0.38)	0.19 J
2-Methylphenol	ND(0.37)	0.042 J	ND(0.38)	ND(0.40)	ND(0.82)	ND(5.7)	ND(0.38)	ND(0.40)
3&4-Methylphenol	0.046 J	0.051 J	0.36 JZ	ND(0.40)	ND(0.82)	ND(5.7)	ND(0.38)	0.088 J
3,3'-Dichlorobenzidine	ND(0.37)	0.40	ND(0.38)	ND(0.40)	ND(0.82)	ND(5.7)	ND(0.38)	ND(0.40)
3,3'-Dimethoxybenzidine	ND(0.37)	0.21 J	ND(0.38)	ND(0.40)	ND(0.82)	ND(5.7)	ND(0.38)	ND(0.40)
3,3'-Dimethylbenzidine	ND(0.74)	0.10 J	ND(0.76)	ND(0.81)	ND(1.6)	ND(11)	ND(0.76)	ND(0.81)
3-Methylcholanthrene	ND(0.37)	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.82)	ND(5.7)	ND(0.38)	ND(0.40)
3-Phenylenediamine	ND(0.37)	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.82)	ND(5.7)	ND(0.38)	ND(0.40)
4,6-Dinitro-2-methylphenol	ND(1.1)	0.081 J	ND(1.1)	ND(1.2)	ND(2.5)	ND(5.7)	ND(1.1)	ND(1.2)
4-Aminobiphenyl	ND(0.37)	0.34 J	ND(0.38)	ND(0.40)	ND(0.82)	ND(5.7)	ND(0.38)	ND(0.40)
4-Chlorobenzilate	ND(0.37)	0.32 J	ND(0.38)	ND(0.40)	ND(0.82)	ND(5.7)	ND(0.38)	ND(0.40)
4-Nitrophenol	ND(0.37)	ND(0.38)	ND(0.38)	ND(0.40)	0.82 J	ND(5.7)	ND(0.38)	ND(0.40)
7,12-Dimethylbenz(a)anthracene	ND(0.37)	0.065 J	ND(0.38)	ND(0.40)	ND(0.82)	ND(5.7)	ND(0.38)	ND(0.40)
Acenaphthene	ND(0.37)	0.25 J	0.85	0.068 J	4.9	1.3 J	0.16 J	0.059 J
Acenaphthylene	ND(0.37)	0.21 J	ND(0.38)	ND(0.40)	0.24 J	ND(5.7)	0.050 J	ND(0.40)
Acetophenone	ND(0.37)	0.11 J	ND(0.38)	ND(0.40)	ND(0.82)	ND(5.7)	ND(0.38)	ND(0.40)
Aniline	ND(0.37)	0.042 J	0.10 J	ND(0.40)	ND(0.82)	2.5 J	0.14 J	0.19 J
Anthracene	0.13 J	2.1	1.4	0.21 J	11	1.4 J	0.14 J	0.083 J
Benzidine	ND(0.37)	2.3	ND(0.38)	ND(0.40)	ND(0.82)	ND(5.7)	ND(0.38)	ND(0.40)
Benzo(a)anthracene	2.1	0.71	2.2	2.5	12	1.7 J	2.5	0.25 J
Benzo(a)pyrene	1.6	0.72	2.0	2.3	11	1.9 J	2.9	0.21 J
Benzo(b)fluoranthene	5.3 Z	1.1	3.9 Z	7.5 Z	28 D	2.3 JZ	5.8 Z	0.59 Z
Benzo(g,h,i)perylene	1.3	0.44	0.62	2.1	4.1	ND(5.7)	1.6	0.17 J
Benzo(k)fluoranthene	5.3 Z	ND(0.38)	3.9 Z	7.5 Z	28 D	2.3 JZ	5.8 Z	0.59 Z
Benzoic Acid	ND(3.7)	ND(3.8)	ND(3.8)	ND(4.0)	ND(8.2)	ND(57)	ND(3.8)	ND(4.0)
bis(2-Chloroethyl)ether	ND(0.74)	ND(0.77)	ND(0.76)	ND(0.81)	ND(1.6)	ND(11)	ND(0.76)	ND(0.81)
bis(2-Ethylhexyl)phthalate	0.45 B	0.36 BJ	ND(0.38)	0.15 J	0.27 J	ND(5.7)	ND(0.38)	0.066 J
Butylbenzylphthalate	ND(0.37)	0.32 J	ND(0.38)	ND(0.40)	ND(0.82)	ND(5.7)	ND(0.38)	ND(0.40)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	4B / Y-8 / P2Y080204 / 2-4 / 06/12/91	4B / Y-9 / P2Y090406 / 4-6 / 06/07/91	4B / Y-10 / P2Y100204 / 2-4 / 06/20/91	4B / Y-13 / P2Y130204 / 2-4 / 06/14/91	4B / Y-14 / P2Y140406 / 4-6 / 06/14/91	4B / Y-15 / P2Y150204 / 2-4 / 06/20/91	4B / Y-18 / P2Y180204 / 2-4 / 06/18/91	4B / Y-19 / P2Y191012 / 10-12 / 06/19/91
Semivolatile Organics (continued)								
Chrysene	2.9	0.77	2.8	3.4	11	1.6 J	2.6	0.34 J
Cyclophosphamide	ND(1.8)	1.0 J	ND(1.8)	ND(2.0)	ND(4.0)	ND(28)	ND(1.8)	ND(2.0)
Dibenzo(a,h)anthracene	0.56	0.19 J	0.36 J	1.0	2.6	ND(5.7)	0.66	0.087 J
Dibenzofuran	ND(0.37)	0.31 J	0.63	0.051 J	1.1	1.4 J	ND(0.38)	0.068 J
Di-n-Butylphthalate	0.052 J	ND(0.38)	ND(0.38)	ND(0.40)	5.8	ND(5.7)	0.056 J	0.12 J
Di-n-Octylphthalate	0.068 J	0.042 J	ND(0.38)	ND(0.40)	ND(0.82)	ND(5.7)	0.050 J	ND(0.40)
Diphenylamine	ND(0.37)	1.1	ND(0.38)	ND(0.40)	ND(0.82)	ND(11)	ND(0.38)	ND(0.40)
Fluoranthene	2.3	1.4	5.2	1.6	32 D	4.5 J	4.0	0.42
Fluorene	ND(0.37)	0.54	1.1	0.049 J	2.4	2.2 J	0.042 J	0.080 J
Hexachlorobenzene	ND(0.37)	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.82)	ND(5.7)	ND(0.38)	ND(0.40)
Indeno(1,2,3-cd)pyrene	1.1	0.39	0.70	1.8	4.6	ND(5.7)	1.4	0.14 J
Methapyrilene	ND(0.74)	0.61 J	ND(0.76)	ND(0.81)	ND(1.6)	ND(11)	ND(0.76)	ND(0.81)
Naphthalene	0.066 J	0.46	0.098 J	0.095 J	0.088 J	2.1 J	0.051 J	0.089 J
Nitrobenzene	ND(0.37)	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.82)	ND(5.7)	ND(0.38)	ND(0.40)
N-Nitroso-di-n-propylamine	ND(0.37)	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.82)	ND(5.7)	ND(0.38)	ND(0.40)
N-Nitrosodiphenylamine	ND(0.37)	1.1	ND(0.38)	ND(0.40)	ND(0.82)	ND(5.7)	ND(0.38)	ND(0.40)
o-Toluidine	ND(0.37)	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.82)	ND(5.7)	ND(0.38)	ND(0.40)
p-Dimethylaminoazobenzene	ND(0.37)	0.39	ND(0.38)	ND(0.40)	ND(0.82)	ND(5.7)	ND(0.38)	ND(0.40)
Pentachlorobenzene	ND(0.37)	ND(0.38)	0.19 J	ND(0.40)	0.27 J	ND(11)	ND(0.38)	ND(0.40)
Pentachloronitrobenzene	ND(0.37)	0.16 J	ND(0.38)	ND(0.40)	ND(0.82)	ND(5.7)	ND(0.38)	ND(0.40)
Pentachlorophenol	ND(0.74)	0.30 J	ND(0.76)	ND(0.81)	ND(1.6)	ND(11)	ND(0.76)	ND(0.81)
Phenacetin	ND(0.37)	0.059 J	ND(0.38)	ND(0.40)	ND(0.82)	ND(5.7)	ND(0.38)	ND(0.40)
Phenanthrene	0.80	2.2	6.1	1.4	ND(0.82)	8.4	1.1	0.42
Phenol	ND(0.37)	0.053 J	0.13 J	ND(0.40)	ND(0.82)	ND(5.7)	0.047 J	0.066 J
Pronamide	ND(0.37)	0.21 J	ND(0.38)	ND(0.40)	ND(0.82)	ND(5.7)	ND(0.38)	ND(0.40)
Pyrene	2.6	1.8	4.0	2.2	25 D	4.6 J	3.2	0.46
Total Phenols	1.1	0.23	7.3	0.21	0.75	16	ND(0.12)	ND(0.12)
Organochlorine Pesticides								
4,4'-DDE	ND(0.035)	ND(0.059)	ND(0.34)	ND(0.0035)	ND(0.0035)	ND(0.68)	ND(0.0035)	ND(0.069)
Aldrin	ND(0.010)	ND(0.020)	ND(0.098)	ND(0.0010)	ND(0.0010)	ND(0.20)	ND(0.0010)	ND(0.020)
Delta-BHC	ND(0.010)	ND(0.020)	ND(0.098)	ND(0.0010)	ND(0.0010)	ND(0.20)	ND(0.0010)	ND(0.020)
Dieldrin	ND(0.015)	ND(0.030)	ND(0.15)	ND(0.0015)	ND(0.0015)	ND(0.29)	ND(0.0015)	ND(0.029)
Endosulfan II	ND(0.035)	ND(0.069)	ND(0.34)	ND(0.0035)	ND(0.0035)	ND(0.68)	ND(0.0035)	ND(0.069)
Methoxychlor	ND(0.035)	ND(0.069)	ND(0.34)	ND(0.0035)	ND(0.0035)	ND(0.68)	ND(0.0035)	ND(0.069)
Toxaphene	ND(0.20)	ND(0.40)	ND(2.0)	ND(0.020)	ND(0.020)	ND(3.9)	ND(0.020)	ND(0.39)
Organophosphate Pesticides								
None Detected	--	--	--	--	--	--	--	--
Herbicides								
2,4,5-T	ND(0.028)	ND(0.025)	ND(0.29)	ND(0.031)	ND(0.032)	ND(0.11)	ND(0.029)	ND(0.031)
2,4,5-TP	ND(0.028)	ND(0.025)	ND(0.29)	ND(0.031)	ND(0.032)	ND(0.11)	ND(0.029)	ND(0.031)
2,4-D	ND(0.11)	ND(0.10)	ND(1.2)	ND(0.12)	ND(0.13)	ND(0.46)	ND(0.11)	ND(0.12)
Furans								
2,3,7,8-TCDF	NA	NA	NA	NA	NA	NA	NA	NA
TCDFs (total)	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA	NA	NA	NA	NA	NA
PeCDFs (total)	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	NA	NA	NA	NA
HxCDFs (total)	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	NA	NA	NA	NA
HpCDFs (total)	NA	NA	NA	NA	NA	NA	NA	NA
OCDF	NA	NA	NA	NA	NA	NA	NA	NA
Dioxins								
2,3,7,8-TCDD	NA	NA	NA	NA	NA	NA	NA	NA
TCDDs (total)	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	NA	NA	NA	NA	NA	NA	NA	NA
PeCDDs (total)	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	NA	NA	NA	NA
HxCDDs (total)	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	NA	NA	NA	NA
HpCDDs (total)	NA	NA	NA	NA	NA	NA	NA	NA
OCDD	NA	NA	NA	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)	NA	NA	NA	NA	NA	NA	NA	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area:	4B	4B	4B	4B	4B	4B	4B	4B
	Location ID:	Y-8	Y-9	Y-10	Y-13	Y-14	Y-15	Y-18	Y-19
	Sample ID:	P2Y080204	P2Y090406	P2Y100204	P2Y130204	P2Y140406	P2Y150204	P2Y180204	P2Y191012
	Sample Depth(Feet):	2-4	4-6	2-4	2-4	4-6	2-4	2-4	10-12
	Date Collected:	06/12/91	06/07/91	06/20/91	06/14/91	06/14/91	06/20/91	06/18/91	06/19/91
Inorganics									
Aluminum		9670	8310	2980	13800	12400	5160	7890	5150
Antimony		ND(2.50) *	ND(2.50) *	13.0 BN	ND(2.70) *	40.3 *	ND(7.50) N	ND(7.60) N	ND(4.00) N
Arsenic		10.1 N	22.0 AN	76.5	4.90 N	12.5 N	14.4	13.1	4.30 B
Barium		51.5 N*	225 N*	66.4	49.6 N*	48.3 N*	106	39.9 B	38.1
Beryllium		0.260 B	0.130 B	ND(0.230)	0.370 B	0.180 B	ND(0.230)	0.350 B	0.150 B
Cadmium		5.40	2.50	2.50	0.930	1.10	1.90	ND(0.920)	ND(0.480)
Calcium		4460	33900	12700	17500	27900	10900	14300	2930
Chromium		13.5	29.6	366 *	19.4	33.6	212 *	17.3 *	8.00 *
Cobalt		10.9	29.4	33.9 *	6.00	34.8	11.9 *	7.60 B*	10.2 *
Copper		86.2	1500	1370 *	205	288	348 *	236 *	86.3 *
Cyanide		NA	NA	0.700	ND(0.610)	ND(0.640)	1.10	ND(0.580)	ND(0.610)
Iron		24600 E	66700 E	273000 *	22900 E	34400 E	81700 *	24100 *	14300 *
Lead		56.6 *	654 *	522	67.6 *	208 *	989	63.0 A	70.7
Magnesium		3760	18300	1630	11000	16000	3170	8490	2580
Manganese		364	728	7490 *	454	982	968 *	749 *	607 *
Mercury		ND(0.110) *	0.210 *	1.70 *	ND(0.110) *	2.00 *	2.20 *	5.30 *	0.290 *
Nickel		12.2 E	53.6 E	346 *	18.5 E	37.0 E	102 *	12.8 *	11.8 *
Potassium		928	911	383 B	1100	583 B	259 B	731 B	342 B
Selenium		ND(0.340) W	ND(0.340) Q	ND(0.920) N	ND(0.370) W	0.440 BQ	ND(0.910) N	ND(0.920) N	ND(0.480) WN
Silver		ND(0.570) N	ND(0.560) N	ND(1.10) N	ND(0.620) N	ND(0.640) N	ND(1.10) N	ND(1.10) N	ND(0.610) N
Sodium		141 B	201 B	807 B	168 B	162 B	323 B	454 B	238 B
Sulfide		ND(11.4)	57.2	16.1	ND(12.3)	ND(12.8)	113	ND(11.5)	ND(12.3)
Thallium		ND(0.340) W	ND(0.340) W	ND(0.460) W	ND(0.370) W	ND(0.380) W	ND(0.460) W	ND(0.460) W	ND(0.240) W
Tin		NA	NA	NA	NA	NA	NA	NA	NA
Vanadium		21.6	22.8	21.1 *	23.7	18.7	13.9 *	15.9 *	6.20 *
Zinc		232 *	1240 *	434	209 *	282 *	617	212	83.3

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area:	4B	4B	4B	4B	4B	4D	4D	4D
Location ID:	Y-20	Y-23	Y-24	Y-26	Y-27	95-06	211S	E2SC-01
Sample ID:	P2Y200406	P2Y230204	P2Y240810	P2Y260204	P2Y270406	206B1416	211S0-6	E2SC-01-CS0615
Sample Depth(Feet):	4-6	2-4	8-10	2-4	4-6	14-16	0-0.5	6-15
Parameter Date Collected:	06/20/91	06/21/91	06/24/91	06/21/91	06/14/91	02/29/96	09/17/97	10/09/98
Volatile Organics								
1,1,1-Trichloroethane	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(2.1)	ND(0.021)	NA
1,1,2,2-Tetrachloroethane	ND(0.011)	ND(0.012)	ND(0.012)	ND(0.013)	ND(0.011)	ND(1.5)	ND(0.010)	NA
1,1,2-trichloro-1,2,2-trifluoroethane	ND(0.011)	ND(0.012)	ND(0.012)	ND(0.013)	ND(0.011)	NA	NA	NA
1,1-Dichloroethane	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(1.5)	ND(0.015)	NA
1,2-Dibromo-3-chloropropane	ND(0.011)	ND(0.012)	ND(0.012)	ND(0.013)	ND(0.011)	ND(4.5)	ND(0.052)	NA
1,2-Dichlorobenzene	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(10)	ND(510)	ND(0.38)
1,2-Dichloroethane	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(1.5)	ND(0.010)	NA
1,3-Dichlorobenzene	0.60 J	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(9.0)	ND(530)	ND(0.38)
1,4-Dichlorobenzene	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(9.2)	ND(540)	ND(0.38)
1,4-Dioxane	NA	NA	NA	NA	NA	33 J	ND(53)	NA
2-Butanone	ND(0.011)	ND(0.012)	ND(0.012)	ND(0.013)	ND(0.011)	ND(1.5)	0.0050 JB	NA
Acetone	0.056	0.018	0.015 B	0.020 B	0.021 B	ND(2.1)	0.031 JB	NA
Acetonitrile	NA	NA	NA	NA	NA	ND(32)	0.0040 J	NA
Acrylonitrile	ND(0.14)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.14)	ND(23)	ND(0.22)	NA
Benzene	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(1.6)	ND(0.015)	NA
Carbon Disulfide	0.0020 J	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(2.9)	ND(0.010)	NA
Chlorobenzene	0.0060	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(1.8)	ND(0.015)	NA
Crotonaldehyde	ND(0.11)	ND(0.12)	ND(0.12)	ND(0.13)	ND(0.11)	NA	NA	NA
Ethylbenzene	0.0030 J	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	1.9	ND(0.015)	NA
Isobutanol	NA	NA	NA	NA	NA	ND(21)	ND(13)	NA
m&p-Xylene	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.018 B	0.043	0.028 B	0.078 B	0.025 B	0.47 J	0.013 JB	NA
Propionitrile	NA	NA	NA	NA	NA	ND(14)	ND(0.61)	NA
Styrene	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(1.5)	ND(0.010)	NA
Tetrachloroethene	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(1.3)	ND(0.015)	NA
Toluene	0.0030 J	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(2.3)	ND(0.015)	NA
Trichloroethene	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(3.2)	ND(0.021)	NA
Trichlorofluoromethane	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(3.4)	ND(0.021)	NA
Vinyl Chloride	ND(0.011)	ND(0.012)	ND(0.012)	ND(0.013)	ND(0.011)	ND(4.4)	ND(0.021)	NA
Xylenes (total)	0.012	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	1.7 J	0.0040 J	NA
Semivolatile Organics								
1,2,3,4-Tetrachlorobenzene	0.70 J	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	NA	ND(670)	NA
1,2,3,5-Tetrachlorobenzene	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	NA	ND(1400)	NA
1,2,3-Trichlorobenzene	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	NA	ND(620)	NA
1,2,4,5-Tetrachlorobenzene	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(23)	ND(1400)	ND(0.38)
1,2,4-Trichlorobenzene	1.4 J	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(9.8)	ND(570)	ND(0.38)
1,3,5-Trichlorobenzene	0.62 J	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	NA	ND(630)	NA
1,3,5-Trinitrobenzene	ND(7.6)	ND(0.82)	ND(0.81)	ND(0.82)	ND(0.75)	ND(16)	ND(950)	ND(1.8)
1-Chloronaphthalene	1.8 J	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	NA	ND(1200)	NA
1-Methylnaphthalene	7.3	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	NA	ND(1100)	NA
2,4-Dimethylphenol	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(11)	ND(630)	ND(0.38)
2,4-Dinitrophenol	ND(15)	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.5)	ND(30)	ND(1800)	ND(1.8)
2-Acetylaminofluorene	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(13)	ND(740)	ND(0.76)
2-Chloronaphthalene	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(17)	ND(1000)	ND(0.38)
2-Chlorophenol	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(11)	ND(660)	ND(0.38)
2-Methylnaphthalene	5.2	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(15)	ND(870)	ND(0.38)
2-Methylphenol	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(12)	ND(680)	ND(0.38)
3&4-Methylphenol	0.58 J	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(23)	ND(1400)	ND(0.38)
3,3'-Dichlorobenzidine	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(8.9)	ND(520)	ND(1.8)
3,3'-Dimethoxybenzidine	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	NA	NA	NA
3,3'-Dimethylbenzidine	ND(7.6)	ND(0.82)	ND(0.81)	ND(0.82)	ND(0.75)	ND(17)	ND(1000)	ND(1.8)
3-Methylcholanthrene	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(11)	ND(630) B	ND(0.76)
3-Phenylenediamine	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(12)	ND(690)	NA
4,6-Dinitro-2-methylphenol	ND(11)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.1)	ND(32)	ND(1900)	ND(1.8)
4-Aminobiphenyl	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(7.3)	ND(430)	ND(1.8)
4-Chlorobenzilate	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(13)	ND(740)	ND(0.38)
4-Nitrophenol	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(80)	ND(4700)	ND(1.8)
7,12-Dimethylbenz(a)anthracene	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(7.3)	ND(430)	ND(0.76)
Acenaphthene	7.7	ND(0.41)	0.052 J	ND(0.41)	ND(0.37)	1.8 J	ND(690)	ND(0.38)
Acenaphthylene	0.82 J	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(12)	ND(700)	ND(0.38)
Acetophenone	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(12)	ND(690)	ND(0.38)
Aniline	9.0	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(9.9)	ND(580)	ND(0.38)
Anthracene	12	ND(0.41)	0.078 J	ND(0.41)	ND(0.37)	ND(13)	39 J	ND(0.38)
Benzidine	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(28)	ND(1700) B	ND(3.8)
Benzo(a)anthracene	14	0.064 J	0.28 J	ND(0.41)	ND(0.37)	ND(12)	120 J	ND(0.38)
Benzo(a)pyrene	11	0.065 J	0.32 J	ND(0.41)	ND(0.37)	ND(12)	100 JB	ND(0.38)
Benzo(b)fluoranthene	26 Z	0.16 Z	0.67 Z	ND(0.41)	ND(0.37)	ND(14)	120 J	ND(0.38)
Benzo(g,h,i)perylene	3.7 J	0.050 J	0.24 J	ND(0.41)	ND(0.37)	ND(11)	79 J	ND(0.38)
Benzo(k)fluoranthene	26 Z	0.16 Z	0.67 Z	ND(0.41)	ND(0.37)	ND(11)	80 JB	ND(0.38)
Benzoic Acid	ND(35)	ND(4.1)	ND(4.0)	0.94 J	ND(3.7)	NA	ND(2000)	NA
bis(2-Chloroethyl)ether	ND(7.6)	ND(0.82)	ND(0.81)	ND(0.82)	ND(0.75)	ND(10)	ND(610)	ND(0.38)
bis(2-Ethylhexyl)phthalate	18 B	0.15 BJ	0.35 BJ	0.15 BJ	0.13 BJ	ND(13)	ND(780)	0.062 J
Butylbenzylphthalate	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(12)	ND(710)	ND(0.38)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:								
	4B / Y-20 / P2Y200406 / 4-6 / 06/20/91	4B / Y-23 / P2Y230204 / 2-4 / 06/21/91	4B / Y-24 / P2Y240810 / 8-10 / 06/24/91	4B / Y-26 / P2Y260204 / 2-4 / 06/21/91	4B / Y-27 / P2Y270406 / 4-6 / 06/14/91	4D / 95-06 / 206B1416 / 14-16 / 02/29/96	4D / 211S / 211S0-6 / 0-0.5 / 09/17/97	4D / E2SC-01 / E2SC-01-CS0615 / 6-15 / 10/09/98
Semivolatile Organics (continued)								
Chrysene	16	0.078 J	0.42	ND(0.41)	ND(0.37)	ND(9.6)	120 JB	ND(0.38)
Cyclophosphamide	ND(18)	ND(2.0)	ND(2.0)	ND(2.0)	ND(1.8)	NA	ND(660)	NA
Dibenzo(a,h)anthracene	2.1 J	ND(0.41)	0.097 J	ND(0.41)	ND(0.37)	ND(7.6)	ND(450)	ND(0.38)
Dibenzofuran	8.5	ND(0.41)	0.043 J	ND(0.41)	ND(0.37)	ND(12)	ND(720)	ND(0.38)
Di-n-Butylphthalate	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	0.72 J	50 J	ND(0.38)
Di-n-Octylphthalate	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(8.5)	ND(500) B	ND(0.38)
Diphenylamine	4.8	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(25)	ND(1500)	ND(0.38)
Fluoranthene	44	0.083 J	0.85	ND(0.41)	ND(0.37)	ND(16)	250 J	0.049 J
Fluorene	13	ND(0.41)	0.052 J	ND(0.41)	ND(0.37)	ND(0.84)	ND(720)	ND(0.15)
Hexachlorobenzene	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(14)	ND(800)	ND(0.38)
Indeno(1,2,3-cd)pyrene	3.9	0.045 J	0.21 J	ND(0.41)	ND(0.37)	ND(8.2)	56 J	ND(0.38)
Methapyrilene	ND(7.6)	ND(0.82)	ND(0.81)	0.15 J	ND(0.75)	ND(23)	ND(1400)	ND(1.8)
Naphthalene	8.5	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(12)	ND(690)	ND(0.38)
Nitrobenzene	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(12)	ND(710)	ND(0.38)
N-Nitroso-di-n-propylamine	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(11)	ND(630)	ND(0.38)
N-Nitrosodiphenylamine	4.8	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(25)	ND(1500)	ND(0.38)
o-Toluidine	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(35)	ND(2100)	ND(0.76)
p-Dimethylaminoazobenzene	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(12)	ND(700)	ND(0.76)
Pentachlorobenzene	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(12)	ND(690)	ND(0.38)
Pentachloronitrobenzene	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	NA	ND(670)	ND(1.8)
Pentachlorophenol	ND(7.6)	ND(0.82)	ND(0.81)	ND(0.82)	ND(0.75)	ND(25)	ND(1500)	ND(1.8)
Phenacetin	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(11)	ND(630)	ND(0.76)
Phenanthrene	47	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	0.71 J	190 J	0.042 J
Phenol	13	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(10)	ND(590)	ND(0.38)
Pronamide	ND(3.8)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.37)	ND(12)	ND(680)	ND(0.76)
Pyrene	27	0.082 J	0.63	ND(0.41)	ND(0.37)	0.69 J	250 J	0.043 J
Total Phenols	10	ND(0.13)	ND(0.12)	ND(0.13)	ND(0.11)	NA	NA	NA
Organochlorine Pesticides								
4,4'-DDE	ND(0.17)	ND(0.0035)	ND(0.0035)	ND(0.0035)	ND(0.0035)	NA	NA	NA
Aldrin	ND(0.049)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	NA	NA
Delta-BHC	0.14	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	NA	NA
Dieldrin	ND(0.074)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0015)	NA	NA	NA
Endosulfan II	ND(0.17)	ND(0.0035)	ND(0.0035)	ND(0.0035)	ND(0.0035)	NA	NA	NA
Methoxychlor	ND(0.17)	ND(0.0035)	ND(0.0035)	ND(0.0035)	ND(0.0035)	NA	NA	NA
Toxaphene	ND(0.98)	0.55	ND(0.020)	ND(0.020)	ND(0.020)	NA	NA	NA
Organophosphate Pesticides								
None Detected	–	–	–	–	–	NA	–	NA
Herbicides								
2,4,5-T	ND(0.12)	ND(0.031)	ND(0.030)	ND(0.032)	ND(0.029)	NA	NA	NA
2,4,5-TP	ND(0.12)	ND(0.031)	ND(0.030)	ND(0.032)	ND(0.029)	NA	NA	NA
2,4-D	ND(0.46)	ND(0.13)	ND(0.12)	ND(0.13)	ND(0.11)	NA	NA	NA
Furans								
2,3,7,8-TCDF	NA	NA	NA	NA	NA	ND(0.000035)	0.000011 g	ND(0.00000055)
TCDFs (total)	NA	NA	NA	NA	NA	ND(0.0013) X	0.000057	0.00000061
1,2,3,7,8-PeCDF	NA	NA	NA	NA	NA	ND(0.000063)	0.0000050 J	ND(0.00000057)
2,3,4,7,8-PeCDF	NA	NA	NA	NA	NA	ND(0.000063)	0.0000082	ND(0.00000059)
PeCDFs (total)	NA	NA	NA	NA	NA	ND(0.0016) X	0.000089	ND(0.0000026)
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	NA	ND(0.00022) X	0.0000097	ND(0.00000042)
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	NA	ND(0.00022) X	0.0000052 J	ND(0.00000042)
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	NA	ND(0.000067)	ND(0.00000028)	ND(0.00000053)
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	NA	ND(0.000067)	0.0000042 J	ND(0.00000045)
HxCDFs (total)	NA	NA	NA	NA	NA	ND(0.00097) X	0.000082	ND(0.0000017)
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	NA	ND(0.00020) w	0.000014	ND(0.00000073)
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	NA	ND(0.00012) w	0.0000031 J	ND(0.0000019)
HpCDFs (total)	NA	NA	NA	NA	NA	0.00026 J	0.000032	ND(0.0000028)
OCDF	NA	NA	NA	NA	NA	0.00083 J	0.000016	ND(0.0000039)
Dioxins								
2,3,7,8-TCDD	NA	NA	NA	NA	NA	ND(0.00070)	ND(0.00000015)	ND(0.00000055)
TCDDs (total)	NA	NA	NA	NA	NA	ND(0.00070)	ND(0.00000025)	ND(0.00000055)
1,2,3,7,8-PeCDD	NA	NA	NA	NA	NA	ND(0.000015)	ND(0.00000032)	ND(0.00000037)
PeCDDs (total)	NA	NA	NA	NA	NA	ND(0.050) w	ND(0.00000079)	ND(0.00000077)
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	NA	ND(0.000081)	ND(0.00000024)	ND(0.00000079)
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	NA	ND(0.000081)	ND(0.00000021)	ND(0.00000071)
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	NA	ND(0.000081)	ND(0.00000021)	ND(0.00000071)
HxCDDs (total)	NA	NA	NA	NA	NA	ND(0.0010) w	ND(0.0000014)	ND(0.00000079)
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	NA	ND(0.000053) w	0.0000054	0.0000055 J
HpCDDs (total)	NA	NA	NA	NA	NA	ND(0.00010) w	0.000015	0.0000097
OCDD	NA	NA	NA	NA	NA	ND(0.00017) w	0.000062	0.000091
Total TEQs (WHO TEFs)	NA	NA	NA	NA	NA	0.00042	0.0000079	0.00000093

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:								
	Averaging Area:	4B	4B	4B	4B	4B	4D	4D	4D
	Location ID:	Y-20	Y-23	Y-24	Y-26	Y-27	95-06	211S	E2SC-01
	Sample ID:	P2Y200406	P2Y230204	P2Y240810	P2Y260204	P2Y270406	206B1416	211S0-6	E2SC-01-CS0615
	Sample Depth(Feet):	4-6	2-4	8-10	2-4	4-6	14-16	0-0.5	6-15
	Date Collected:	06/20/91	06/21/91	06/24/91	06/21/91	06/14/91	02/29/96	09/17/97	10/09/98
Inorganics									
Aluminum		11500	7630	12200	15100	11400	NA	NA	NA
Antimony		ND(7.50) N	ND(8.20)	ND(7.90)	ND(8.10)	ND(7.30)	0.410 BN	ND(0.600) N	0.240 B
Arsenic		13.5	9.80 B	5.10	5.70	8.50	7.60	5.20	2.70
Barium		71.7	87.0	35.7 B	44.2 B	23.3 B	18.2 B	22.0 B	28.6
Beryllium		0.530 B	0.420 B	0.320 B	0.340 B	ND(0.220)	0.180 B	0.240 B	0.290 B
Cadmium		1.40	ND(1.00)	ND(0.960)	ND(0.980)	ND(0.880)	ND(0.9200)	0.320 B	0.0830 B
Calcium		49200	2600	3560	2470	785 B	NA	NA	NA
Chromium		8810 *	82.9	13.7	15.4	11.3	12.0	9.40	10.0
Cobalt		14.8 *	12.8	14.5	12.7	11.8	13.1	NA	8.80
Copper		1710 *	188	32.4	36.9	24.6	30.5	17.4 E	11.1
Cyanide		2.10	ND(0.620)	ND(0.610)	ND(0.630)	ND(0.570)	NA	ND(0.510)	ND(2.90)
Iron		50800 *	34200	28500	28700	25800	NA	NA	NA
Lead		34400	181	32.5	36.9	17.1	7.80 *	15.3 *	6.90
Magnesium		11400	2490	5720	5360	5280	NA	NA	NA
Manganese		1760 *	696	593	913	670	NA	NA	NA
Mercury		2.60 *	0.620	ND(0.100)	ND(0.130)	ND(0.100)	ND(0.120)	ND(0.0500)	0.0260 B
Nickel		153 *	183	23.3	24.0	21.0	23.2	16.3	12.9
Potassium		1000 B	703 B	621 B	802 B	495 B	NA	NA	NA
Selenium		ND(0.900) N	ND(0.980)	ND(0.950)	ND(1.00)	ND(0.890)	0.500 BN	1.10	ND(0.570)
Silver		ND(1.10) N	ND(1.20)	ND(1.20)	ND(1.20)	ND(1.10)	ND(0.0800)	ND(0.160)	ND(1.10)
Sodium		430 B	425 B	313 B	319 B	316 B	NA	NA	NA
Sulfide		20.7	NA	ND(12.2)	NA	ND(11.4)	NA	NA	20.2 B
Thallium		ND(0.450) W	ND(0.490)	ND(0.470)	ND(0.500)	ND(0.450)	ND(0.420)	ND(1.00)	1.90
Tin		NA	NA	NA	NA	NA	ND(0.500)	ND(1.90)	ND(11.5)
Vanadium		27.8 *	13.4	12.3	15.0	9.90 B	6.90	11.8	11.0
Zinc		4800	217	88.0	107	59.4	78.6 N	59.4	55.0

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area:	4D	4D	4D	4D	4D	4D
Location ID:	E2SC-02	E2SC-02	E2SC-04	E2SC-04	E2SC-09	E2SC-09
Sample ID:	E2SC-02-CS0615	E2SC-02-SS09	E2SC-04-CS0615	E2SC-04-SS09	E2SC-09-CS0615	E2SC-09-SS06
Sample Depth(Feet):	6-15	14-15	6-15	14-15	6-15	8-10
Parameter Date Collected:	10/21/98	10/21/98	10/13/98	10/13/98	10/21/98	10/21/98
Volatile Organics						
1,1,1-Trichloroethane	NA	ND(0.30)	NA	ND(0.0059)	NA	ND(0.33)
1,1,2,2-Tetrachloroethane	NA	ND(0.30)	NA	ND(0.0059)	NA	ND(0.33)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	ND(0.30)	NA	ND(0.0059)	NA	ND(0.33)
1,2-Dibromo-3-chloropropane	NA	ND(0.59)	NA	ND(0.012)	NA	ND(0.66)
1,2-Dichlorobenzene	ND(2.2)	NA	ND(0.37)	NA	ND(1.9)	NA
1,2-Dichloroethane	NA	ND(0.30)	NA	ND(0.0059)	NA	ND(0.33)
1,3-Dichlorobenzene	ND(2.2)	NA	ND(0.37)	NA	ND(1.9)	NA
1,4-Dichlorobenzene	ND(2.2)	NA	ND(0.37)	NA	1.0 J	NA
1,4-Dioxane	NA	ND(30)	NA	ND(0.59)	NA	ND(33)
2-Butanone	NA	ND(1.2)	NA	ND(0.024)	NA	ND(1.3)
Acetone	NA	0.42 J	NA	0.026	NA	0.63 J
Acetonitrile	NA	ND(5.9)	NA	ND(0.12)	NA	ND(6.6)
Acrylonitrile	NA	ND(5.9)	NA	ND(0.12)	NA	ND(6.6)
Benzene	NA	ND(0.30)	NA	ND(0.0059)	NA	0.13 J
Carbon Disulfide	NA	ND(0.30)	NA	ND(0.0059)	NA	ND(0.33)
Chlorobenzene	NA	0.21 J	NA	ND(0.0059)	NA	8.5
Crotonaldehyde	NA	NA	NA	NA	NA	NA
Ethylbenzene	NA	1.3	NA	ND(0.0059)	NA	ND(0.33)
Isobutanol	NA	ND(12)	NA	ND(0.24)	NA	ND(13)
m&p-Xylene	NA	NA	NA	NA	NA	NA
Methylene Chloride	NA	ND(0.30)	NA	0.0035 J	NA	ND(0.33)
Propionitrile	NA	ND(1.2)	NA	ND(0.024)	NA	ND(1.3)
Styrene	NA	ND(0.30)	NA	ND(0.0059)	NA	ND(0.33)
Tetrachloroethene	NA	ND(0.30)	NA	ND(0.0059)	NA	ND(0.33)
Toluene	NA	ND(0.30)	NA	ND(0.0059)	NA	ND(0.33)
Trichloroethene	NA	ND(0.30)	NA	ND(0.0059)	NA	ND(0.33)
Trichlorofluoromethane	NA	ND(0.59)	NA	ND(0.012)	NA	ND(0.66)
Vinyl Chloride	NA	ND(0.59)	NA	ND(0.012)	NA	ND(0.66)
Xylenes (total)	NA	1.6	NA	ND(0.0059)	NA	0.37
Semivolatile Organics						
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	ND(2.2)	NA	ND(0.37)	NA	ND(1.9)	NA
1,2,4-Trichlorobenzene	ND(2.2)	NA	ND(0.37)	NA	ND(1.9)	NA
1,3,5-Trichlorobenzene	NA	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	ND(11)	NA	ND(1.8)	NA	ND(9.3)	NA
1-Chloronaphthalene	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	ND(2.2)	NA	ND(0.37)	NA	0.26 J	NA
2,4-Dinitrophenol	ND(11)	NA	ND(1.8)	NA	ND(9.3)	NA
2-Acetylaminofluorene	ND(4.4)	NA	ND(0.73)	NA	ND(3.9)	NA
2-Chloronaphthalene	ND(2.2)	NA	ND(0.37)	NA	ND(1.9)	NA
2-Chlorophenol	ND(2.2)	NA	ND(0.37)	NA	ND(1.9)	NA
2-Methylnaphthalene	5.5	NA	ND(0.37)	NA	0.37 J	NA
2-Methylphenol	ND(2.2)	NA	ND(0.37)	NA	ND(1.9)	NA
3&4-Methylphenol	ND(2.2)	NA	ND(0.37)	NA	ND(1.9)	NA
3,3'-Dichlorobenzidine	ND(11)	NA	ND(1.8)	NA	ND(9.3)	NA
3,3'-Dimethoxybenzidine	NA	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	ND(11)	NA	ND(1.8)	NA	ND(9.3)	NA
3-Methylcholanthrene	ND(4.4)	NA	ND(0.73)	NA	ND(3.9)	NA
3-Phenylenediamine	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	ND(11)	NA	ND(1.8)	NA	ND(9.3)	NA
4-Aminobiphenyl	ND(11)	NA	ND(1.8)	NA	ND(9.3)	NA
4-Chlorobenzilate	ND(2.2)	NA	ND(0.37)	NA	ND(1.9)	NA
4-Nitrophenol	ND(11)	NA	ND(1.8)	NA	ND(9.3)	NA
7,12-Dimethylbenz(a)anthracene	ND(4.4)	NA	ND(0.73)	NA	ND(3.9)	NA
Acenaphthene	6.1	NA	ND(0.37)	NA	2.3	NA
Acenaphthylene	0.49 J	NA	ND(0.37)	NA	ND(1.9)	NA
Acetophenone	ND(2.2)	NA	ND(0.37)	NA	ND(1.9)	NA
Aniline	ND(2.2)	NA	ND(0.37)	NA	ND(1.9)	NA
Anthracene	3.3	NA	ND(0.37)	NA	ND(1.9)	NA
Benzidine	ND(22)	NA	ND(3.7)	NA	ND(19)	NA
Benzo(a)anthracene	1.7 J	NA	ND(0.37)	NA	0.56 J	NA
Benzo(a)pyrene	1.4 J	NA	ND(0.37)	NA	0.76 J	NA
Benzo(b)fluoranthene	0.94 J	NA	ND(0.37)	NA	0.84 J	NA
Benzo(g,h,i)perylene	0.73 J	NA	ND(0.37)	NA	ND(1.9)	NA
Benzo(k)fluoranthene	0.50 J	NA	ND(0.37)	NA	0.40 J	NA
Benzoic Acid	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	ND(2.2)	NA	ND(0.37)	NA	ND(1.9)	NA
bis(2-Ethylhexyl)phthalate	ND(2.2)	NA	0.14 J	NA	0.20 J	NA
Butylbenzylphthalate	ND(2.2)	NA	ND(0.37)	NA	ND(1.9)	NA

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	4D / E2SC-02 / E2SC-02-CS0615 / 6-15 / 10/21/98	4D / E2SC-02 / E2SC-02-SS09 / 14-15 / 10/21/98	4D / E2SC-04 / E2SC-04-CS0615 / 6-15 / 10/13/98	4D / E2SC-04 / E2SC-04-SS09 / 14-15 / 10/13/98	4D / E2SC-09 / E2SC-09-CS0615 / 6-15 / 10/21/98	4D / E2SC-09 / E2SC-09-SS06 / 8-10 / 10/21/98
Semivolatile Organics (continued)						
Chrysene	1.4 J	NA	ND(0.37)	NA	1.0 J	NA
Cyclophosphamide	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	ND(2.2)	NA	ND(0.37)	NA	ND(1.9)	NA
Dibenzofuran	0.31 J	NA	ND(0.37)	NA	ND(1.9)	NA
Di-n-Butylphthalate	ND(2.2)	NA	ND(0.37)	NA	ND(1.9)	NA
Di-n-Octylphthalate	ND(2.2)	NA	ND(0.37)	NA	ND(1.9)	NA
Diphenylamine	ND(2.2)	NA	ND(0.37)	NA	ND(1.9)	NA
Fluoranthene	4.4	NA	ND(0.37)	NA	1.9	NA
Fluorene	3.7	NA	ND(0.14)	NA	ND(0.76)	NA
Hexachlorobenzene	ND(2.2)	NA	ND(0.37)	NA	ND(1.9)	NA
Indeno(1,2,3-cd)pyrene	0.54 J	NA	ND(0.37)	NA	0.18 J	NA
Methapyrilene	ND(11)	NA	ND(1.8)	NA	ND(9.3)	NA
Naphthalene	14	NA	ND(0.37)	NA	2.4	NA
Nitrobenzene	ND(2.2)	NA	ND(0.37)	NA	ND(1.9)	NA
N-Nitroso-di-n-propylamine	ND(2.2)	NA	ND(0.37)	NA	ND(1.9)	NA
N-Nitrosodiphenylamine	ND(2.2)	NA	ND(0.37)	NA	ND(1.9)	NA
o-Toluidine	ND(4.4)	NA	ND(0.73)	NA	ND(3.9)	NA
p-Dimethylaminoazobenzene	ND(4.4)	NA	ND(0.73)	NA	ND(3.9)	NA
Pentachlorobenzene	ND(2.2)	NA	ND(0.37)	NA	ND(1.9)	NA
Pentachloronitrobenzene	ND(11)	NA	ND(1.8)	NA	ND(9.3)	NA
Pentachlorophenol	ND(11)	NA	ND(1.8)	NA	ND(9.3)	NA
Phenacetin	ND(4.4)	NA	ND(0.73)	NA	ND(3.9)	NA
Phenanthrene	11	NA	ND(0.37)	NA	ND(1.9)	NA
Phenol	ND(2.2)	NA	ND(0.37)	NA	ND(1.9)	NA
Pronamide	ND(4.4)	NA	ND(0.73)	NA	ND(3.9)	NA
Pyrene	5.2	NA	ND(0.37)	NA	1.5 J	NA
Total Phenols	NA	NA	NA	NA	NA	NA
Organochlorine Pesticides						
4,4'-DDE	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Herbicides						
2,4,5-T	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	0.0000017 g	NA	ND(0.00000020)	NA	0.000043 g	NA
TCDFs (total)	0.0000052	NA	ND(0.00000020)	NA	0.00096	NA
1,2,3,7,8-PeCDF	ND(0.00000078)	NA	ND(0.00000019)	NA	ND(0.000049) v	NA
2,3,4,7,8-PeCDF	ND(0.0000017)	NA	ND(0.00000020)	NA	0.000053	NA
PeCDFs (total)	0.000014	NA	ND(0.00000021)	NA	0.0023	NA
1,2,3,4,7,8-HxCDF	0.000016	NA	ND(0.00000015)	NA	0.00033	NA
1,2,3,6,7,8-HxCDF	ND(0.0000084)	NA	ND(0.00000015)	NA	0.000084	NA
1,2,3,7,8,9-HxCDF	ND(0.0000013)	NA	ND(0.00000020)	NA	0.0000066 j	NA
2,3,4,6,7,8-HxCDF	ND(0.0000010)	NA	ND(0.00000016)	NA	0.000096	NA
HxCDFs (total)	0.000031	NA	0.0000012	NA	0.0045	NA
1,2,3,4,6,7,8-HpCDF	0.000014	NA	ND(0.0000011)	NA	0.0042 E	NA
1,2,3,4,7,8,9-HpCDF	0.000012	NA	ND(0.00000011)	NA	0.00034	NA
HpCDFs (total)	0.000046	NA	0.0000041	NA	0.0082	NA
OCDF	0.000047	NA	ND(0.0000022)	NA	0.0027	NA
Dioxins						
2,3,7,8-TCDD	ND(0.00000015)	NA	ND(0.00000014)	NA	0.000021	NA
TCDDs (total)	0.0000012	NA	ND(0.00000021)	NA	0.0010	NA
1,2,3,7,8-PeCDD	ND(0.00000068)	NA	ND(0.00000032)	NA	0.000048	NA
PeCDDs (total)	ND(0.0000025)	NA	ND(0.00000032)	NA	0.00058	NA
1,2,3,4,7,8-HxCDD	ND(0.00000070)	NA	ND(0.00000036)	NA	0.000068	NA
1,2,3,6,7,8-HxCDD	ND(0.0000012)	NA	ND(0.00000033)	NA	0.00011	NA
1,2,3,7,8,9-HxCDD	ND(0.00000088)	NA	ND(0.00000033)	NA	0.00012	NA
HxCDDs (total)	0.0000053	NA	ND(0.00000092)	NA	0.0024	NA
1,2,3,4,6,7,8-HpCDD	0.0000043 j	NA	0.0000032 j	NA	0.0011	NA
HpCDDs (total)	0.0000091	NA	0.0000070	NA	0.0025	NA
OCDD	0.000017	NA	0.0000052	NA	0.0075 E	NA
Total TEQs (WHO TEFs)	0.0000036	NA	0.00000042	NA	0.00024	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4D	4D	4D	4D	4D	4D
	Location ID:	E2SC-02	E2SC-02	E2SC-04	E2SC-04	E2SC-09	E2SC-09
	Sample ID:	E2SC-02-CS0615	E2SC-02-SS09	E2SC-04-CS0615	E2SC-04-SS09	E2SC-09-CS0615	E2SC-09-SS06
	Sample Depth(Feet):	6-15	14-15	6-15	14-15	6-15	8-10
Parameter	Date Collected:	10/21/98	10/21/98	10/13/98	10/13/98	10/21/98	10/21/98
Inorganics							
Aluminum		NA	NA	NA	NA	NA	NA
Antimony		0.290 B	NA	0.290 B	NA	0.630 B	NA
Arsenic		3.50	NA	1.70	NA	8.00	NA
Barium		31.0	NA	20.7 B	NA	40.5	NA
Beryllium		0.330 B	NA	0.300 B	NA	0.270 B	NA
Cadmium		ND(0.660)	NA	0.0790 B	NA	0.650	NA
Calcium		NA	NA	NA	NA	NA	NA
Chromium		12.8	NA	8.50	NA	22.4	NA
Cobalt		11.1	NA	8.40	NA	9.50	NA
Copper		13.4	NA	7.10	NA	34.7	NA
Cyanide		ND(3.30)	NA	ND(2.80)	NA	ND(2.90)	NA
Iron		NA	NA	NA	NA	NA	NA
Lead		6.00	NA	2.90	NA	54.4	NA
Magnesium		NA	NA	NA	NA	NA	NA
Manganese		NA	NA	NA	NA	NA	NA
Mercury		0.0420 B	NA	0.0130 B	NA	0.0810 B	NA
Nickel		16.7	NA	11.5	NA	16.1	NA
Potassium		NA	NA	NA	NA	NA	NA
Selenium		0.890	NA	0.490 B	NA	0.850	NA
Silver		ND(1.30)	NA	ND(1.10)	NA	ND(1.20)	NA
Sodium		NA	NA	NA	NA	NA	NA
Sulfide		ND(264)	NA	ND(55.4)	NA	ND(234)	NA
Thallium		2.00	NA	1.10	NA	2.10	NA
Tin		ND(13.2)	NA	ND(11.1)	NA	20.6	NA
Vanadium		11.1	NA	8.60	NA	11.0	NA
Zinc		58.5	NA	44.7	NA	88.2	NA

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area:	4D	4D	4D	4D	4D	4D
Location ID:	E2SC10	E2SC-10	E2SC-10	E2SC-11	E2SC-11	E2SC-13
Sample ID:	E2SC10-CS0106	E2SC-10-CS0106	E2SC-10-SS03	E2SC-11-CS0615	E2SC-11-SS05	E2SC-13-CS0516
Sample Depth(Feet):	1-6	1-6	3-5	6-15	6-8	6-15
Parameter Date Collected:	10/20/98	10/20/98	10/20/98	10/09/98	10/09/98	10/07/98
Volatile Organics						
1,1,1-Trichloroethane	NA	NA	ND(0.0054)	NA	ND(0.0052)	ND(0.0055)
1,1,2,2-Tetrachloroethane	NA	NA	ND(0.0054)	NA	ND(0.0052)	ND(0.0055)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	ND(0.0054)	NA	ND(0.0052)	ND(0.0055)
1,2-Dibromo-3-chloropropane	NA	NA	ND(0.011)	NA	ND(0.010)	ND(0.011)
1,2-Dichlorobenzene	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.36)
1,2-Dichloroethane	NA	NA	ND(0.0054)	NA	ND(0.0052)	ND(0.0055)
1,3-Dichlorobenzene	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.36)
1,4-Dichlorobenzene	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.36)
1,4-Dioxane	NA	NA	ND(0.54)	NA	ND(0.52)	ND(0.55)
2-Butanone	NA	NA	ND(0.022)	NA	ND(0.021)	ND(0.022)
Acetone	NA	NA	ND(0.022)	NA	ND(0.021)	0.052
Acetonitrile	NA	NA	ND(0.11)	NA	ND(0.10)	ND(0.11)
Acrylonitrile	NA	NA	ND(0.11)	NA	ND(0.10)	ND(0.11)
Benzene	NA	NA	ND(0.0054)	NA	ND(0.0052)	ND(0.0055)
Carbon Disulfide	NA	NA	ND(0.0054)	NA	ND(0.0052)	ND(0.0055)
Chlorobenzene	NA	NA	ND(0.0054)	NA	ND(0.0052)	ND(0.0055)
Crotonaldehyde	NA	NA	NA	NA	NA	NA
Ethylbenzene	NA	NA	ND(0.0054)	NA	ND(0.0052)	ND(0.0055)
Isobutanol	NA	NA	ND(0.22)	NA	ND(0.21)	ND(0.22)
m&p-Xylene	NA	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	ND(0.0054)	NA	ND(0.0052)	ND(0.0055)
Propionitrile	NA	NA	ND(0.022)	NA	ND(0.021)	ND(0.022)
Styrene	NA	NA	ND(0.0054)	NA	ND(0.0052)	ND(0.0055)
Tetrachloroethene	NA	NA	ND(0.0054)	NA	ND(0.0052)	ND(0.0055)
Toluene	NA	NA	ND(0.0054)	NA	ND(0.0052)	ND(0.0055)
Trichloroethene	NA	NA	ND(0.0054)	NA	ND(0.0052)	ND(0.0055)
Trichlorofluoromethane	NA	NA	ND(0.011)	NA	ND(0.010)	ND(0.011)
Vinyl Chloride	NA	NA	ND(0.011)	NA	ND(0.010)	ND(0.011)
Xylenes (total)	NA	NA	ND(0.0054)	NA	ND(0.0052)	ND(0.0055)
Semivolatile Organics						
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.36)
1,2,4-Trichlorobenzene	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.36)
1,3,5-Trichlorobenzene	NA	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	ND(1.8)	ND(1.8)	NA	ND(1.7)	NA	ND(1.8)
1-Chloronaphthalene	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	NA	ND(0.36)	NA	ND(0.36)	NA	ND(0.36)
2,4-Dinitrophenol	NA	ND(1.8)	NA	ND(1.7)	NA	ND(1.8)
2-Acetylaminofluorene	ND(0.73)	ND(0.73)	NA	ND(0.71)	NA	ND(0.73)
2-Chloronaphthalene	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.36)
2-Chlorophenol	NA	ND(0.36)	NA	ND(0.36)	NA	ND(0.36)
2-Methylnaphthalene	0.19 J	0.19 J	NA	ND(0.36)	NA	ND(0.36)
2-Methylphenol	NA	ND(0.36)	NA	ND(0.36)	NA	ND(0.36)
3&4-Methylphenol	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.36)
3,3'-Dichlorobenzidine	ND(1.8)	ND(1.8)	NA	ND(1.7)	NA	ND(1.8)
3,3'-Dimethoxybenzidine	NA	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	ND(1.8)	ND(1.8)	NA	ND(1.7)	NA	ND(1.8)
3-Methylcholanthrene	ND(0.73)	ND(0.73)	NA	ND(0.71)	NA	ND(0.73)
3-Phenylenediamine	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	NA	ND(1.8)	NA	ND(1.7)	NA	ND(1.8)
4-Aminobiphenyl	ND(1.8)	ND(1.8)	NA	ND(1.7)	NA	ND(1.8)
4-Chlorobenzilate	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.36)
4-Nitrophenol	NA	ND(1.8)	NA	ND(1.7)	NA	ND(1.8)
7,12-Dimethylbenz(a)anthracene	ND(0.73)	ND(0.73)	NA	ND(0.71)	NA	ND(0.73)
Acenaphthene	0.11 J	0.11 J	NA	ND(0.36)	NA	ND(0.36)
Acenaphthylene	0.25 J	0.25 J	NA	ND(0.36)	NA	ND(0.36)
Acetophenone	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.36)
Aniline	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.36)
Anthracene	0.17 J	0.17 J	NA	ND(0.36)	NA	0.035 J
Benzidine	ND(3.6)	ND(3.6)	NA	ND(3.6)	NA	ND(3.6)
Benzo(a)anthracene	0.15 J	0.15 J	NA	ND(0.36)	NA	0.089 J
Benzo(a)pyrene	0.12 J	0.12 J	NA	ND(0.36)	NA	0.078 J
Benzo(b)fluoranthene	0.14 J	0.14 J	NA	ND(0.36)	NA	ND(0.36)
Benzo(g,h,i)perylene	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.36)
Benzo(k)fluoranthene	0.059 J	0.059 J	NA	ND(0.36)	NA	0.19 J
Benzoic Acid	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.36)
bis(2-Ethylhexyl)phthalate	0.21 J	0.21 J	NA	0.13 J	NA	0.62
Butylbenzylphthalate	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.36)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Averaging Area:	4D	4D	4D	4D	4D	4D
	Location ID:	E2SC10	E2SC-10	E2SC-10	E2SC-11	E2SC-11	E2SC-13
	Sample ID:	E2SC10-CS0106	E2SC-10-CS0106	E2SC-10-SS03	E2SC-11-CS0615	E2SC-11-SS05	E2SC-13-CS0516
	Sample Depth(Feet):	1-6	1-6	3-5	6-15	6-8	6-15
Parameter	Date Collected:	10/20/98	10/20/98	10/20/98	10/09/98	10/09/98	10/07/98
Semivolatile Organics (continued)							
Chrysene		0.14 J	0.14 J	NA	ND(0.36)	NA	0.091 J
Cyclophosphamide		NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.36)
Dibenzofuran		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.36)
Di-n-Butylphthalate		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.36)
Di-n-Octylphthalate		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.36)
Diphenylamine		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.36)
Fluoranthene		0.43	0.43	NA	ND(0.36)	NA	0.22 J
Fluorene		0.22	0.22	NA	ND(0.14)	NA	ND(0.14)
Hexachlorobenzene		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.36)
Indeno(1,2,3-cd)pyrene		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.36)
Methapyrilene		ND(1.8)	ND(1.8)	NA	ND(1.7)	NA	ND(1.8)
Naphthalene		0.31 J	0.31 J	NA	ND(0.36)	NA	ND(0.36)
Nitrobenzene		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.36)
N-Nitroso-di-n-propylamine		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.36)
N-Nitrosodiphenylamine		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.36)
o-Toluidine		ND(0.73)	ND(0.73)	NA	ND(0.71)	NA	ND(0.73)
p-Dimethylaminoazobenzene		ND(0.73)	ND(0.73)	NA	ND(0.71)	NA	ND(0.73)
Pentachlorobenzene		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.36)
Pentachloronitrobenzene		ND(1.8)	ND(1.8)	NA	ND(1.7)	NA	ND(1.8)
Pentachlorophenol		NA	ND(1.8)	NA	ND(1.7)	NA	ND(1.8)
Phenacetin		ND(0.73)	ND(0.73)	NA	ND(0.71)	NA	ND(0.73)
Phenanthrene		0.79	0.79	NA	ND(0.36)	NA	0.13 J
Phenol		NA	ND(0.36)	NA	ND(0.36)	NA	ND(0.36)
Pronamide		ND(0.73)	ND(0.73)	NA	ND(0.71)	NA	ND(0.73)
Pyrene		0.32 J	0.32 J	NA	ND(0.36)	NA	0.15 J
Total Phenols		NA	NA	NA	NA	NA	NA
Organochlorine Pesticides							
4,4'-DDE		NA	NA	NA	NA	NA	NA
Aldrin		NA	NA	NA	NA	NA	NA
Delta-BHC		NA	NA	NA	NA	NA	NA
Dieldrin		NA	NA	NA	NA	NA	NA
Endosulfan II		NA	NA	NA	NA	NA	NA
Methoxychlor		NA	NA	NA	NA	NA	NA
Toxaphene		NA	NA	NA	NA	NA	NA
Organophosphate Pesticides							
None Detected			NA	NA	NA	NA	NA
Herbicides							
2,4,5-T		NA	NA	NA	NA	NA	NA
2,4,5-TP		NA	NA	NA	NA	NA	NA
2,4-D		NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF		NA	0.0000033 g	NA	ND(0.00000027)	NA	ND(0.00000056) g
TCDFs (total)		NA	0.000030	NA	ND(0.00000027)	NA	0.0000016
1,2,3,7,8-PeCDF		NA	ND(0.0000010)	NA	ND(0.00000039)	NA	ND(0.0000012)
2,3,4,7,8-PeCDF		NA	ND(0.0000014)	NA	ND(0.00000040)	NA	ND(0.00000036)
PeCDFs (total)		NA	0.000011	NA	ND(0.00000040)	NA	ND(0.0000040)
1,2,3,4,7,8-HxCDF		NA	ND(0.0000027)	NA	ND(0.00000049)	NA	ND(0.00000052)
1,2,3,6,7,8-HxCDF		NA	ND(0.00000090)	NA	ND(0.00000050)	NA	ND(0.00000027)
1,2,3,7,8,9-HxCDF		NA	ND(0.00000018)	NA	ND(0.00000062)	NA	ND(0.00000040)
2,3,4,6,7,8-HxCDF		NA	ND(0.00000075)	NA	ND(0.00000054)	NA	ND(0.00000034)
HxCDFs (total)		NA	0.0000043	NA	ND(0.00000062)	NA	ND(0.0000024)
1,2,3,4,6,7,8-HpCDF		NA	0.0000043 j	NA	ND(0.00000033)	NA	ND(0.00000039)
1,2,3,4,7,8,9-HpCDF		NA	ND(0.00000049)	NA	ND(0.00000043)	NA	ND(0.00000030)
HpCDFs (total)		NA	0.0000043	NA	ND(0.00000043)	NA	ND(0.00000039)
OCDF		NA	ND(0.0000035)	NA	ND(0.00000068)	NA	ND(0.00000070)
Dioxins							
2,3,7,8-TCDD		NA	ND(0.00000042)	NA	ND(0.00000034)	NA	ND(0.00000028)
TCDDs (total)		NA	ND(0.00000042)	NA	ND(0.00000034)	NA	ND(0.00000032)
1,2,3,7,8-PeCDD		NA	ND(0.00000034)	NA	ND(0.00000084)	NA	ND(0.00000056)
PeCDDs (total)		NA	ND(0.0000019)	NA	ND(0.00000084)	NA	ND(0.0000027)
1,2,3,4,7,8-HxCDD		NA	ND(0.00000041)	NA	ND(0.00000031)	NA	ND(0.00000052)
1,2,3,6,7,8-HxCDD		NA	ND(0.00000038)	NA	ND(0.00000029)	NA	ND(0.00000036)
1,2,3,7,8,9-HxCDD		NA	ND(0.00000041)	NA	ND(0.00000029)	NA	ND(0.00000041)
HxCDDs (total)		NA	ND(0.00000073)	NA	ND(0.00000031)	NA	ND(0.0000013)
1,2,3,4,6,7,8-HpCDD		NA	ND(0.0000018)	NA	ND(0.00000033)	NA	ND(0.00000044)
HpCDDs (total)		NA	ND(0.0000020)	NA	ND(0.00000033)	NA	ND(0.00000044)
OCDD		NA	0.000017	NA	ND(0.0000014)	NA	ND(0.0000021)
Total TEQs (WHO TEFs)		NA	0.0000014	NA	0.00000087	NA	0.00000073

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Averaging Area:	4D	4D	4D	4D	4D	4D
Location ID:	E2SC10	E2SC-10	E2SC-10	E2SC-11	E2SC-11	E2SC-13
Sample ID:	E2SC10-CS0106	E2SC-10-CS0106	E2SC-10-SS03	E2SC-11-CS0615	E2SC-11-SS05	E2SC-13-CS0516
Sample Depth(Feet):	1-6	1-6	3-5	6-15	6-8	6-15
Date Collected:	10/20/98	10/20/98	10/20/98	10/09/98	10/09/98	10/07/98
Inorganics						
Aluminum	NA	NA	NA	NA	NA	NA
Antimony	NA	0.150 B	NA	ND(1.10)	NA	0.300 B
Arsenic	NA	5.80	NA	5.10	NA	1.70
Barium	NA	15.2 B	NA	13.1 B	NA	23.3
Beryllium	NA	0.140 B	NA	0.150 B	NA	0.240 B
Cadmium	NA	ND(0.550)	NA	0.250 B	NA	0.130 B
Calcium	NA	NA	NA	NA	NA	NA
Chromium	NA	8.30	NA	7.50	NA	8.90
Cobalt	NA	10.4	NA	9.50	NA	7.70
Copper	NA	20.3	NA	15.2	NA	7.80
Cyanide	NA	ND(2.80)	NA	ND(2.70)	NA	ND(2.80)
Iron	NA	NA	NA	NA	NA	NA
Lead	NA	9.50	NA	5.30	NA	5.00
Magnesium	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA
Mercury	NA	0.0130 B	NA	ND(0.110)	NA	0.0230 B
Nickel	NA	16.2	NA	13.8	NA	13.5
Potassium	NA	NA	NA	NA	NA	NA
Selenium	NA	ND(0.550)	NA	ND(1.10)	NA	ND(0.550)
Silver	NA	ND(1.10)	NA	ND(1.10)	NA	ND(1.10)
Sodium	NA	NA	NA	NA	NA	NA
Sulfide	NA	ND(221)	NA	ND(53.9)	NA	ND(55.2)
Thallium	NA	1.30	NA	1.60	NA	2.10
Tin	NA	ND(11.0)	NA	ND(10.8)	NA	ND(11.0)
Vanadium	NA	7.00	NA	7.10	NA	8.40
Zinc	NA	52.7	NA	51.4	NA	53.1

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area:	4D	4D	4D	4D	4D	4D	4D
Location ID:	E2SC-13	E2SC-16	E2SC-17	E2SC-17	ES2-1	ES2-6	SL0005
Sample ID:	E2SC-13-SS08	E2SC-16-CS0615	E2SC-17-CS0615	E2SC-17-SS05	P201B1416	P206B1416	080598SB14
Sample Depth(Feet):	14-15	6-15	6-15	6-8	14-16	14-16	1-1.5
Parameter Date Collected:	10/07/98	10/08/98	10/26/98	10/26/98	01/16/91	01/10/91	08/05/98
Volatile Organics							
1,1,1-Trichloroethane	ND(0.0056)	ND(0.0058)	NA	ND(0.0046)	ND(0.0060)	NA	ND(0.0055)
1,1,2,2-Tetrachloroethane	ND(0.0056)	ND(0.0058)	NA	ND(0.0046)	ND(0.012)	NA	ND(0.0055)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	0.0010 J	NA	NA
1,1-Dichloroethane	ND(0.0056)	ND(0.0058)	NA	ND(0.0046)	ND(0.0060)	NA	ND(0.0055)
1,2-Dibromo-3-chloropropane	ND(0.011)	ND(0.012)	NA	ND(0.0093)	ND(0.012)	NA	ND(0.011)
1,2-Dichlorobenzene	NA	ND(0.38)	ND(0.39)	NA	ND(0.41)	ND(1.5)	NA
1,2-Dichloroethane	ND(0.0056)	ND(0.0058)	NA	ND(0.0046)	ND(0.0060)	NA	ND(0.0055)
1,3-Dichlorobenzene	NA	ND(0.38)	ND(0.39)	NA	0.21 J	0.65 J	NA
1,4-Dichlorobenzene	NA	ND(0.38)	ND(0.39)	NA	0.19 J	0.83 J	NA
1,4-Dioxane	ND(0.56)	ND(0.58)	NA	ND(0.46)	NA	NA	ND(0.55)
2-Butanone	ND(0.022)	ND(0.023)	NA	ND(0.019)	ND(0.012)	NA	ND(0.022)
Acetone	ND(0.022)	ND(0.023)	NA	0.0053 J	0.065 B	NA	ND(0.011)
Acetonitrile	ND(0.11)	ND(0.12)	NA	ND(0.093)	NA	NA	ND(0.11)
Acrylonitrile	ND(0.11)	ND(0.12)	NA	ND(0.093)	ND(0.15)	NA	ND(0.11)
Benzene	ND(0.0056)	ND(0.0058)	NA	ND(0.0046)	ND(0.0060)	NA	ND(0.0055)
Carbon Disulfide	ND(0.0056)	ND(0.0058)	NA	ND(0.0046)	ND(0.0060)	NA	ND(0.0055)
Chlorobenzene	ND(0.0056)	ND(0.0058)	NA	ND(0.0046)	0.058	NA	ND(0.0055)
Crotonaldehyde	NA	NA	NA	NA	ND(0.12)	NA	NA
Ethylbenzene	ND(0.0056)	ND(0.0058)	NA	ND(0.0046)	0.014	NA	ND(0.0055)
Isobutanol	ND(0.22)	ND(0.23)	NA	ND(0.19)	NA	NA	ND(0.22)
m&p-Xylene	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ND(0.0056)	ND(0.0058)	NA	ND(0.0046)	0.047 B	NA	ND(0.0055)
Propionitrile	ND(0.022)	ND(0.023)	NA	ND(0.019)	NA	NA	ND(0.022)
Styrene	ND(0.0056)	ND(0.0058)	NA	ND(0.0046)	ND(0.0060)	NA	ND(0.0055)
Tetrachloroethene	ND(0.0056)	ND(0.0058)	NA	ND(0.0046)	ND(0.0060)	NA	ND(0.0055)
Toluene	ND(0.0056)	ND(0.0058)	NA	ND(0.0046)	ND(0.0060)	NA	ND(0.0055)
Trichloroethene	ND(0.0056)	ND(0.0058)	NA	ND(0.0046)	ND(0.0060)	NA	ND(0.0055)
Trichlorofluoromethane	ND(0.011)	ND(0.012)	NA	ND(0.0093)	ND(0.0060)	NA	ND(0.011)
Vinyl Chloride	ND(0.011)	ND(0.012)	NA	ND(0.0093)	ND(0.012)	NA	ND(0.011)
Xylenes (total)	ND(0.0056)	ND(0.0058)	NA	ND(0.0046)	0.010	NA	ND(0.0055)
Semivolatile Organics							
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA	ND(0.41)	ND(1.5)	NA
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA	ND(0.41)	ND(1.5)	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	ND(0.41)	ND(1.5)	NA
1,2,4,5-Tetrachlorobenzene	NA	ND(0.38)	ND(0.39)	NA	ND(0.41)	ND(1.5)	ND(0.36)
1,2,4-Trichlorobenzene	NA	ND(0.38)	ND(0.39)	NA	ND(0.41)	ND(1.5)	0.042 J
1,3,5-Trichlorobenzene	NA	NA	NA	NA	0.066 J	ND(1.5)	NA
1,3,5-Trinitrobenzene	NA	ND(1.9)	ND(1.9)	NA	ND(0.81)	ND(3.0)	ND(1.7)
1-Chloronaphthalene	NA	NA	NA	NA	ND(0.41)	ND(1.5)	NA
1-Methylnaphthalene	NA	NA	NA	NA	1.5	ND(1.5)	NA
2,4-Dimethylphenol	NA	0.22 J	ND(0.39)	NA	ND(0.41)	ND(1.5)	ND(0.36)
2,4-Dinitrophenol	NA	ND(1.9)	ND(1.9)	NA	ND(1.6)	ND(5.9)	ND(1.7)
2-Acetylaminofluorene	NA	ND(0.77)	ND(0.77)	NA	ND(0.41)	ND(1.5)	ND(0.72)
2-Chloronaphthalene	NA	ND(0.38)	ND(0.39)	NA	ND(0.41)	ND(1.5)	ND(0.36)
2-Chlorophenol	NA	ND(0.38)	ND(0.39)	NA	ND(0.41)	ND(1.5)	ND(0.36)
2-Methylnaphthalene	NA	0.84	0.20 J	NA	0.045 J	6.3	0.085 J
2-Methylphenol	NA	0.067 J	ND(0.39)	NA	ND(0.41)	ND(1.5)	ND(0.36)
3&4-Methylphenol	NA	0.26 J	ND(0.39)	NA	ND(0.41)	ND(1.5)	ND(0.36)
3,3'-Dichlorobenzidine	NA	ND(1.9)	ND(1.9)	NA	ND(0.41)	ND(1.5)	ND(1.7)
3,3'-Dimethoxybenzidine	NA	NA	NA	NA	ND(0.41)	ND(1.5)	NA
3,3'-Dimethylbenzidine	NA	ND(1.9)	ND(1.9)	NA	ND(0.81)	ND(3.0)	ND(1.7)
3-Methylcholanthrene	NA	ND(0.77)	ND(0.77)	NA	ND(0.41)	ND(1.5)	ND(0.72)
3-Phenylenediamine	NA	NA	NA	NA	ND(0.41)	ND(1.5)	NA
4,6-Dinitro-2-methylphenol	NA	ND(1.9)	ND(1.9)	NA	ND(1.2)	ND(4.5)	ND(1.7)
4-Aminobiphenyl	NA	ND(1.9)	NO(1.9)	NA	ND(0.41)	ND(1.5)	ND(1.7)
4-Chlorobenzilate	NA	ND(0.38)	ND(0.39)	NA	ND(0.41)	ND(1.5)	ND(0.36)
4-Nitrophenol	NA	ND(1.9)	ND(1.9)	NA	ND(0.41)	ND(1.5)	ND(1.7)
7,12-Dimethylbenz(a)anthracene	NA	ND(0.77)	ND(0.77)	NA	ND(0.41)	ND(1.5)	ND(0.72)
Acenaphthene	NA	0.38	0.47	NA	1.0	8.3	0.061 J
Acenaphthylene	NA	2.4	0.14 J	NA	0.10 J	0.54 J	0.072 J
Acetophenone	NA	ND(0.38)	0.048 J	NA	ND(0.41)	ND(1.5)	ND(0.36)
Aniline	NA	ND(0.38)	ND(0.39)	NA	ND(0.41)	ND(1.5)	ND(0.36)
Anthracene	NA	4.5	0.65	NA	0.29 J	2.7	0.18 J
Benzidine	NA	ND(3.8)	ND(3.9)	NA	ND(0.41)	ND(1.5)	ND(3.6)
Benzo(a)anthracene	NA	5.8	1.1	NA	0.27 J	2.0	0.50
Benzo(a)pyrene	NA	2.2	1.1	NA	0.19 J	1.3 J	0.57
Benzo(b)fluoranthene	NA	ND(0.38)	1.5	NA	0.17 J	1.5 Z	0.74
Benzo(g,h,i)perylene	NA	0.26 J	0.32 J	NA	0.088 J	5.7 J	0.16 J
Benzo(k)fluoranthene	NA	3.1 J	0.56	NA	0.088 J	1.5 Z	0.47
Benzoic Acid	NA	NA	NA	NA	ND(4.1)	ND(15)	NA
bis(2-Chloroethyl)ether	NA	ND(0.38)	ND(0.39)	NA	ND(0.81)	ND(3.0)	ND(0.36)
bis(2-Ethylhexyl)phthalate	NA	0.22 J	0.036 J	NA	0.17 J	0.90 J	0.045 J
Butylbenzylphthalate	NA	ND(0.38)	ND(0.39)	NA	ND(0.41)	ND(1.5)	ND(0.36)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	4D / E2SC-13 / E2SC-13-SS08 / 14-15 / 10/07/98	4D / E2SC-16 / E2SC-16-CS0815 / 6-15 / 10/08/98	4D / E2SC-17 / E2SC-17-CS0615 / 6-15 / 10/26/98	4D / E2SC-17 / E2SC-17-SS05 / 6-8 / 10/26/98	4D / ES2-1 / P201B1416 / 14-16 / 01/16/91	4D / ES2-6 / P206B1416 / 14-16 / 01/16/91	4D / SL0005 / 080598SB14 / 1-1.5 / 08/05/98
Semivolatile Organics (continued)							
Chrysene	NA	5.1	1.2	NA	0.23 J	1.8	0.61
Cyclophosphamide	NA	NA	NA	NA	ND(2.0)	ND(7.3)	NA
Dibenzo(a,h)anthracene	NA	ND(0.38)	0.12 J	NA	ND(0.41)	0.19 J	0.065 J
Dibenzofuran	NA	2.5	0.19 J	NA	ND(0.41)	0.70 J	0.055 J
Di-n-Butylphthalate	NA	0.096 J	ND(0.39)	NA	ND(0.41)	ND(1.5)	0.033 J
Di-n-Octylphthalate	NA	ND(0.38)	ND(0.39)	NA	ND(0.41)	ND(1.5)	ND(0.36)
Diphenylamine	NA	ND(0.38)	ND(0.39)	NA	ND(0.41)	ND(1.5)	ND(0.36)
Fluoranthene	NA	14	1.9	NA	0.53	3.7	1.3
Fluorene	NA	2.0	0.67	NA	0.58	4.7	0.076 J
Hexachlorobenzene	NA	ND(0.38)	ND(0.39)	NA	ND(0.41)	ND(1.5)	ND(0.36)
Indeno(1,2,3-cd)pyrene	NA	0.44	0.35 J	NA	0.076 J	0.55 J	0.20 J
Methapyrilene	NA	ND(1.9)	ND(1.9)	NA	ND(0.81)	ND(3.0)	ND(1.7)
Naphthalene	NA	0.96	1.9	NA	0.53	3.4	ND(0.36)
Nitrobenzene	NA	ND(0.38)	ND(0.39)	NA	ND(0.41)	ND(1.5)	ND(0.36)
N-Nitroso-di-n-propylamine	NA	ND(0.38)	ND(0.39)	NA	ND(0.41)	ND(1.5)	ND(0.36)
N-Nitrosodiphenylamine	NA	ND(0.38)	ND(0.39)	NA	ND(0.41)	ND(1.5)	ND(0.36)
o-Toluidine	NA	ND(0.77)	ND(0.77)	NA	ND(0.41)	ND(1.5)	ND(0.72)
p-Dimethylaminoazobenzene	NA	ND(0.77)	ND(0.77)	NA	ND(0.41)	ND(1.5)	ND(0.36)
Pentachlorobenzene	NA	ND(0.38)	ND(0.39)	NA	ND(0.41)	ND(1.5)	ND(0.36)
Pentachloronitrobenzene	NA	ND(1.9)	ND(1.9)	NA	ND(0.41)	ND(1.5)	ND(1.7)
Pentachlorophenol	NA	ND(1.9)	ND(1.9)	NA	ND(0.81)	ND(3.0)	ND(1.7)
Phenacetin	NA	ND(0.77)	ND(0.77)	NA	ND(0.41)	ND(1.5)	ND(0.72)
Phenanthrene	NA	17	2.1	NA	0.93	8.3	0.78
Phenol	NA	ND(0.38)	ND(0.39)	NA	ND(0.41)	ND(1.5)	ND(0.36)
Pronamide	NA	ND(0.77)	ND(0.77)	NA	ND(0.41)	ND(1.5)	ND(0.72)
Pyrene	NA	11	1.6	NA	0.57	5.2	0.74
Total Phenols	NA	NA	NA	NA	ND(0.13)	ND(0.13)	NA
Organochlorine Pesticides							
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides							
None Detected	NA	NA	NA	NA	--	--	--
Herbicides							
2,4,5-T	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	NA	0.0000039 g	0.00000089 g,j	NA	NA	NA	0.00011 g
TCDFs (total)	NA	0.000033	0.0000012	NA	NA	NA	0.00077
1,2,3,7,8-PeCDF	NA	ND(0.0000019)	ND(0.00000069)	NA	NA	NA	0.000034
2,3,4,7,8-PeCDF	NA	ND(0.0000021)	ND(0.00000074)	NA	NA	NA	0.000033
PeCDFs (total)	NA	0.000021	ND(0.0000022)	NA	NA	NA	0.00061
1,2,3,4,7,8-HxCDF	NA	ND(0.0000029)	ND(0.00000074)	NA	NA	NA	0.000066
1,2,3,6,7,8-HxCDF	NA	ND(0.0000010)	ND(0.00000054)	NA	NA	NA	0.000018 F
1,2,3,7,8,9-HxCDF	NA	ND(0.00000056)	ND(0.00000034)	NA	NA	NA	ND(0.00000084)
2,3,4,6,7,8-HxCDF	NA	ND(0.0000012)	ND(0.00000027)	NA	NA	NA	0.000014
HxCDFs (total)	NA	0.000014	ND(0.0000015)	NA	NA	NA	0.00042
1,2,3,4,6,7,8-HpCDF	NA	0.000010	ND(0.0000011)	NA	NA	NA	0.00016
1,2,3,4,7,8,9-HpCDF	NA	ND(0.0000011)	ND(0.00000025)	NA	NA	NA	0.000032
HpCDFs (total)	NA	0.000044	ND(0.0000011)	NA	NA	NA	0.00034
OCDF	NA	0.000021	ND(0.0000013)	NA	NA	NA	0.00018
Dioxins							
2,3,7,8-TCDD	NA	ND(0.0000011)	ND(0.00000019)	NA	NA	NA	0.0000015
TCDDs (total)	NA	0.000032	0.0000027	NA	NA	NA	0.000044
1,2,3,7,8-PeCDD	NA	ND(0.00000084)	ND(0.00000025)	NA	NA	NA	0.0000063
PeCDDs (total)	NA	ND(0.0000040)	ND(0.00000082)	NA	NA	NA	0.000035
1,2,3,4,7,8-HxCDD	NA	ND(0.0000015)	ND(0.00000090)	NA	NA	NA	0.0000074
1,2,3,6,7,8-HxCDD	NA	ND(0.0000022)	ND(0.00000081)	NA	NA	NA	0.000011
1,2,3,7,8,9-HxCDD	NA	ND(0.0000012)	ND(0.00000087)	NA	NA	NA	0.000012
HxCDDs (total)	NA	0.0000092	ND(0.00000090)	NA	NA	NA	0.00014
1,2,3,4,6,7,8-HpCDD	NA	0.000050	ND(0.0000015)	NA	NA	NA	0.000082
HpCDDs (total)	NA	0.000095	ND(0.0000019)	NA	NA	NA	0.00018
OCDD	NA	0.00097	0.000058	NA	NA	NA	0.00096
Total TEQs (WHO TEFs)	NA	0.0000032	0.00000075	NA	NA	NA	0.000053

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	4D / E2SC-13 / E2SC-13-SS08 / 14-15 / 10/07/98	4D / E2SC-16 / E2SC-16-CS0615 / 6-15 / 10/08/98	4D / E2SC-17 / E2SC-17-CS0615 / 6-15 / 10/26/98	4D / E2SC-17 / E2SC-17-SS05 / 6-8 / 10/26/98	4D / ES2-1 / P201B1416 / 14-16 / 01/16/91	4D / ES2-6 / P206B1416 / 14-16 / 01/10/91	4D / SL0005 / 080598SB14 / 1-1.5 / 08/05/98
Inorganics								
Aluminum		NA	NA	NA	NA	6400	3500	NA
Antimony		NA	3.40	3.30	NA	ND(1.00)	ND(1.00)	8.90
Arsenic		NA	13.3	6.50	NA	17.0	6.70	9.10
Barium		NA	168	91.5	NA	23.0	23.0	110
Beryllium		NA	0.350 B	0.510 B	NA	ND(0.500)	ND(0.500)	0.440 B
Cadmium		NA	0.260 B	0.150 B	NA	1.30	0.760	0.260 B
Calcium		NA	NA	NA	NA	52000	3200	NA
Chromium		NA	46.2	25.2	NA	ND(1.00)	ND(1.00)	52.5
Cobalt		NA	15.8	10.1	NA	8.40	ND(5.00)	11.9
Copper		NA	175	74.5	NA	56.0	27.0	875
Cyanide		NA	5.10	ND(2.90)	NA	NA	ND(0.630)	ND(2.70)
Iron		NA	NA	NA	NA	26000	17000	NA
Lead		NA	181	83.5	NA	16.0	16.0	602
Magnesium		NA	NA	NA	NA	2800	2700	NA
Manganese		NA	NA	NA	NA	990	220	NA
Mercury		NA	0.120	0.0530 B	NA	ND(0.100)	ND(0.100)	1.90
Nickel		NA	55.6	21.4	NA	14.0	8.60	44.3
Potassium		NA	NA	NA	NA	ND(500)	ND(500)	NA
Selenium		NA	ND(1.20)	0.330 B	NA	ND(0.500)	ND(0.500)	1.30
Silver		NA	ND(1.20)	ND(1.20)	NA	1.90	1.90	0.210 B
Sodium		NA	NA	NA	NA	ND(500)	ND(500)	NA
Sulfide		NA	180	ND(235)	NA	NA	NA	ND(218)
Thallium		NA	7.10	ND(2.30)	NA	ND(1.00)	ND(1.00)	1.30
Tin		NA	ND(11.6)	ND(11.7)	NA	NA	NA	50.9
Vanadium		NA	41.8	33.5	NA	11.0	7.10	31.6
Zinc		NA	256	108	NA	52.0	36.0	263

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area:	4D	4E	4E	4E	4E	4E	4E	4E
Location ID:	X-11	68S-1	68S-3	68S-3	68S-4	95-01	95-03	95-27
Sample ID:	P2X110406	68S-1	68S-3	68S-3	68S-4	201B1214	203B1214	227B1416
Sample Depth(Feet):	4-6	10-12	2-4	8-10	0-2	12-14	12-14	14-16
Parameter Date Collected:	07/01/91	08/07/96	08/07/96	08/07/96	08/08/96	02/27/96	03/12/96	02/29/96
Volatile Organics								
1,1,1-Trichloroethane	ND(0.0050)	ND(0.026)	NA	NA	NA	ND(2.1)	ND(0.024)	ND(0.029)
1,1,2,2-Tetrachloroethane	ND(0.011)	ND(0.013)	NA	NA	NA	ND(1.5)	ND(0.012)	ND(0.014)
1,1,2-trichloro-1,2,2-trifluoroethane	0.0040 BJ	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ND(0.0050)	ND(0.019)	NA	NA	NA	ND(1.5)	ND(0.018)	ND(0.022)
1,2-Dibromo-3-chloropropane	ND(0.011)	ND(0.064)	NA	NA	NA	ND(4.5)	ND(0.061)	ND(0.072)
1,2-Dichlorobenzene	ND(0.36)	NA	NA	NA	NA	ND(4.8)	ND(0.71)	ND(0.85)
1,2-Dichloroethane	ND(0.0050)	ND(0.013)	NA	NA	NA	ND(1.5)	ND(0.012)	ND(0.014)
1,3-Dichlorobenzene	ND(0.36)	NA	NA	NA	NA	ND(4.1)	ND(0.61)	ND(0.74)
1,4-Dichlorobenzene	ND(0.36)	NA	NA	NA	NA	ND(4.2)	ND(0.63)	ND(0.75)
1,4-Dioxane	NA	ND(65)	NA	NA	NA	33 J	ND(62)	ND(74)
2-Butanone	ND(0.011)	ND(0.045)	NA	NA	NA	ND(1.5)	ND(0.043)	ND(0.051)
Acetone	0.028 B	0.0060 JB	NA	NA	NA	ND(2.1)	0.025 JB	0.035 J
Acetonitrile	NA	ND(0.26)	NA	NA	NA	ND(32)	ND(0.24)	ND(0.29)
Acrylonitrile	ND(0.13)	ND(0.27)	NA	NA	NA	ND(23)	ND(0.26)	ND(0.30)
Benzene	ND(0.0050)	ND(0.019)	NA	NA	NA	ND(1.5)	ND(0.018)	ND(0.022)
Carbon Disulfide	ND(0.0050)	ND(0.013)	NA	NA	NA	ND(2.9)	ND(0.012)	ND(0.014)
Chlorobenzene	ND(0.0050)	0.029	NA	NA	NA	ND(1.8)	ND(0.018)	ND(0.022)
Crotonaldehyde	ND(0.11)	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	ND(0.0050)	ND(0.019)	NA	NA	NA	1.9	ND(0.018)	ND(0.022)
Isobutanol	NA	ND(17)	NA	NA	NA	ND(21)	ND(16)	ND(19)
m&p-Xylene	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.024 B	0.0060 JB	NA	NA	NA	0.47 J	0.016 JB	0.019 JB
Propionitrile	NA	ND(0.76)	NA	NA	NA	ND(14)	ND(0.72)	ND(0.86)
Styrene	ND(0.0050)	ND(0.013)	NA	NA	NA	ND(1.5)	ND(0.012)	ND(0.014)
Tetrachloroethene	ND(0.0050)	ND(0.019)	NA	NA	NA	ND(1.3)	ND(0.018)	ND(0.022)
Toluene	ND(0.0050)	ND(0.019)	NA	NA	NA	ND(2.3)	ND(0.018)	ND(0.022)
Trichloroethene	ND(0.0050)	ND(0.026)	NA	NA	NA	ND(1.3)	ND(0.024)	ND(0.029)
Trichlorofluoromethane	ND(0.0050)	ND(0.026)	NA	NA	NA	ND(3.4)	ND(0.024)	ND(0.029)
Vinyl Chloride	ND(0.011)	ND(0.026)	NA	NA	NA	ND(4.4)	ND(0.024)	ND(0.029)
Xylenes (total)	ND(0.0050)	ND(0.026)	NA	NA	NA	1.7 J	ND(0.024)	ND(0.029)
Semivolatile Organics								
1,2,3,4-Tetrachlorobenzene	ND(0.36)	NA	NA	NA	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	ND(0.36)	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	ND(0.36)	NA	NA	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	ND(0.36)	NA	NA	NA	NA	ND(10)	ND(1.6)	ND(1.9)
1,2,4-Trichlorobenzene	ND(0.36)	NA	NA	NA	NA	ND(4.4)	ND(0.66)	ND(0.79)
1,3,5-Trichlorobenzene	ND(0.36)	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	ND(0.72)	NA	NA	NA	NA	ND(7.3)	ND(1.1)	ND(1.3)
1-Chloronaphthalene	ND(0.36)	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	ND(0.36)	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	ND(0.36)	NA	NA	NA	NA	ND(4.9)	ND(0.73)	ND(0.88)
2,4-Dinitrophenol	ND(1.4)	NA	NA	NA	NA	ND(14)	ND(2.0)	ND(2.5)
2-Acetylaminofluorene	ND(0.36)	NA	NA	NA	NA	ND(5.7)	ND(0.85)	ND(1.0)
2-Chloronaphthalene	ND(0.36)	NA	NA	NA	NA	ND(7.8)	ND(1.2)	ND(1.4)
2-Chlorophenol	ND(0.36)	NA	NA	NA	NA	ND(5.1)	ND(0.76)	ND(0.91)
2-Methylnaphthalene	ND(0.36)	NA	NA	NA	NA	77 D	ND(1.0)	ND(1.2)
2-Methylphenol	ND(0.36)	NA	NA	NA	NA	ND(5.2)	ND(0.78)	ND(0.94)
3&4-Methylphenol	ND(0.36)	NA	NA	NA	NA	ND(10)	ND(1.6)	ND(1.9)
3,3'-Dichlorobenzidine	ND(0.36)	NA	NA	NA	NA	ND(4.0)	ND(0.60)	ND(0.72)
3,3'-Dimethoxybenzidine	ND(0.36)	NA	NA	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	ND(0.72)	NA	NA	NA	NA	ND(7.8)	ND(1.2)	ND(1.4)
3-Methylcholanthrene	ND(0.36)	NA	NA	NA	NA	ND(4.9)	ND(0.73)	ND(0.88)
3-Phenylenediamine	ND(0.36)	NA	NA	NA	NA	ND(5.3)	ND(0.79)	ND(0.95)
4,6-Dinitro-2-methylphenol	ND(1.1)	NA	NA	NA	NA	ND(15)	ND(2.2)	ND(2.6)
4-Aminobiphenyl	ND(0.36)	NA	NA	NA	NA	ND(3.3)	ND(0.49)	ND(0.59)
4-Chlorobenzilate	ND(0.36)	NA	NA	NA	NA	ND(5.7)	ND(0.85)	ND(1.0)
4-Nitrophenol	ND(0.36)	NA	NA	NA	NA	ND(36)	ND(5.4)	ND(6.5)
7,12-Dimethylbenz(a)anthracene	ND(0.36)	NA	NA	NA	NA	0.78 J	ND(0.49)	ND(0.59)
Acenaphthene	ND(0.36)	NA	NA	NA	NA	77 D	ND(0.79)	0.46 J
Acenaphthylene	ND(0.36)	NA	NA	NA	NA	3.3 J	ND(0.81)	ND(0.97)
Acetophenone	ND(0.36)	NA	NA	NA	NA	ND(5.3)	ND(0.79)	ND(0.95)
Aniline	ND(0.36)	NA	NA	NA	NA	ND(4.5)	ND(0.67)	ND(0.81)
Anthracene	ND(0.36)	NA	NA	NA	NA	3.6	ND(0.89)	0.082 J
Benzidine	ND(0.35)	NA	NA	NA	NA	ND(13)	ND(1.9)	ND(2.3)
Benzo(a)anthracene	0.054 J	NA	NA	NA	NA	26	0.11 J	0.066 J
Benzo(a)pyrene	0.046 J	NA	NA	NA	NA	17	0.11 J	0.062 J
Benzo(b)fluoranthene	0.099 JZ	NA	NA	NA	NA	20 Z	0.22 JZ	1.0 JZ
Benzo(g,h,i)perylene	ND(0.36)	NA	NA	NA	NA	5.8	0.063 J	ND(0.90)
Benzo(k)fluoranthene	0.099 JZ	NA	NA	NA	NA	21 Z	0.21 JZ	0.10 JZ
Benzoic Acid	ND(3.6)	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	ND(0.72)	NA	NA	NA	NA	ND(4.8)	ND(0.71)	ND(0.85)
bis(2-Ethylhexyl)phthalate	0.11 J	NA	NA	NA	NA	ND(6.0)	0.69 J	0.19 J
Butylbenzylphthalate	ND(0.36)	NA	NA	NA	NA	ND(5.5)	ND(0.82)	ND(0.98)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area:	4D	4E	4E	4E	4E	4E	4E	4E
Location ID:	X-11	68S-1	68S-3	68S-3	68S-4	95-01	95-03	95-27
Sample ID:	P2X110406	68S-1	68S-3	68S-3	68S-4	201B1214	203B1214	227B1416
Sample Depth(Feet):	4-6	10-12	2-4	8-10	0-2	12-14	12-14	14-16
Parameter Date Collected:	07/01/91	08/07/96	08/07/96	08/07/96	08/08/96	02/27/96	03/12/96	02/29/96
Semivolatile Organics (continued)								
Chrysene	ND(0.36)	NA	NA	NA	NA	23	0.13 J	0.062 J
Cyclophosphamide	ND(1.7)	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	ND(0.36)	NA	NA	NA	NA	1.5 J	ND(0.52)	ND(0.62)
Dibenzofuran	ND(0.36)	NA	NA	NA	NA	9.2	ND(0.83)	ND(1.0)
Di-n-Butylphthalate	ND(0.36)	NA	NA	NA	NA	ND(6.2)	ND(0.93)	1.6
Di-n-Octylphthalate	ND(0.36)	NA	NA	NA	NA	ND(3.9)	ND(0.58)	ND(0.69)
Diphenylamine	ND(0.36)	NA	NA	NA	NA	ND(11)	ND(1.7)	ND(2.0)
Fluoranthene	0.058 J	NA	NA	NA	NA	76 D	0.30 J	0.15 J
Fluorene	ND(0.36)	NA	NA	NA	NA	36	ND(0.83)	0.19 J
Hexachlorobenzene	ND(0.36)	NA	NA	NA	NA	ND(6.2)	ND(0.93)	ND(1.1)
Indeno(1,2,3-cd)pyrene	ND(0.36)	NA	NA	NA	NA	5.0	0.063 J	ND(0.66)
Methapyrilene	ND(0.72)	NA	NA	NA	NA	ND(10)	ND(1.6)	ND(1.9)
Naphthalene	ND(0.36)	NA	NA	NA	NA	76 D	ND(0.79)	ND(0.95)
Nitrobenzene	ND(0.36)	NA	NA	NA	NA	ND(5.5)	ND(0.82)	ND(0.98)
N-Nitroso-di-n-propylamine	ND(0.36)	NA	NA	NA	NA	ND(4.9)	ND(0.73)	ND(0.88)
N-Nitrosodiphenylamine	ND(0.36)	NA	NA	NA	NA	ND(11)	ND(1.7)	ND(2.0)
o-Toluidine	ND(0.36)	NA	NA	NA	NA	ND(16)	ND(2.4)	ND(2.9)
p-Dimethylaminoazobenzene	ND(0.36)	NA	NA	NA	NA	ND(5.4)	ND(0.81)	ND(0.97)
Pentachlorobenzene	ND(0.36)	NA	NA	NA	NA	ND(5.3)	ND(0.79)	ND(0.95)
Pentachloronitrobenzene	ND(0.36)	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	ND(0.72)	NA	NA	NA	NA	ND(11)	ND(1.7)	ND(2.0)
Phenacetin	ND(0.36)	NA	NA	NA	NA	ND(4.9)	ND(0.73)	ND(0.88)
Phenanthrene	ND(0.36)	NA	NA	NA	NA	140 D	0.13 J	0.61 J
Phenol	ND(0.36)	NA	NA	NA	NA	ND(4.6)	ND(0.69)	ND(0.82)
Pronamide	ND(0.36)	NA	NA	NA	NA	ND(5.2)	ND(0.78)	ND(0.94)
Pyrene	0.052 J	NA	NA	NA	NA	81 D	0.23 J	0.12 J
Total Phenols	ND(0.11)	NA	NA	NA	NA	NA	NA	NA
Organochlorine Pesticides								
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides								
None Detected	–	NA	NA	NA	NA	NA	NA	NA
Herbicides								
2,4,5-T	ND(0.027)	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	ND(0.027)	NA	NA	NA	NA	NA	NA	NA
2,4-D	ND(0.11)	NA	NA	NA	NA	NA	NA	NA
Furans								
2,3,7,8-TCDF	NA	NA	NA	NA	NA	NA	ND(0.000050)	ND(0.000047)
TCDFs (total)	NA	NA	NA	NA	NA	NA	ND(0.000050)	ND(0.000047)
1,2,3,7,8-PeCDF	NA	NA	NA	NA	NA	NA	ND(0.000021)	ND(0.000019)
2,3,4,7,8-PeCDF	NA	NA	NA	NA	NA	NA	ND(0.000021)	ND(0.000019)
PeCDFs (total)	NA	NA	NA	NA	NA	NA	ND(0.000021)	ND(0.000019)
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	NA	NA	ND(0.000031)	ND(0.000024)
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	NA	NA	ND(0.000031)	ND(0.000024)
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	NA	NA	ND(0.000031)	ND(0.000024)
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	NA	NA	ND(0.000031)	ND(0.000024)
HxCDFs (total)	NA	NA	NA	NA	NA	NA	ND(0.000031)	ND(0.000024)
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	NA	NA	ND(0.000047)	ND(0.000052)
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	NA	NA	ND(0.000047)	ND(0.000052)
HpCDFs (total)	NA	NA	NA	NA	NA	NA	ND(0.000047)	ND(0.000052)
OCDF	NA	NA	NA	NA	NA	NA	ND(0.00013)	ND(0.000055)
Dioxins								
2,3,7,8-TCDD	NA	NA	NA	NA	NA	NA	ND(0.000041)	ND(0.00017)
TCDDs (total)	NA	NA	NA	NA	NA	NA	ND(0.000041)	ND(0.00017)
1,2,3,7,8-PeCDD	NA	NA	NA	NA	NA	NA	ND(0.000083)	ND(0.000092)
PeCDDs (total)	NA	NA	NA	NA	NA	NA	ND(0.000083)	ND(0.000092)
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	NA	NA	ND(0.000052)	ND(0.000041)
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	NA	NA	ND(0.000052)	ND(0.000041)
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	NA	NA	ND(0.000052)	ND(0.000041)
HxCDDs (total)	NA	NA	NA	NA	NA	NA	ND(0.000052)	ND(0.000041)
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	NA	NA	ND(0.000041)	ND(0.000022)
HpCDDs (total)	NA	NA	NA	NA	NA	NA	ND(0.000041)	ND(0.000022)
OCDD	NA	NA	NA	NA	NA	NA	ND(0.00014)	ND(0.000084)
Total TEQs (WHO TEFs)	NA	NA	NA	NA	NA	NA	0.000085	0.00015

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area:	4D	4E	4E	4E	4E	4E	4E	4E
	Location ID:	X-11	68S-1	68S-3	68S-3	68S-4	95-01	95-03	95-27
	Sample ID:	P2X110406	68S-1	68S-3	68S-3	68S-4	201B1214	203B1214	227B1416
	Sample Depth(Feet):	4-6	10-12	2-4	8-10	0-2	12-14	12-14	14-16
	Date Collected:	07/01/91	08/07/96	08/07/96	08/07/96	08/08/96	02/27/96	03/12/96	02/29/96
Inorganics									
Aluminum		11200	NA	NA	NA	NA	NA	NA	NA
Antimony		ND(7.10) N	NA	0.390 BN	NA	7.20 N	3.10 BN	NA	ND(0.260) N
Arsenic		11.9	NA	5.10	NA	12.0	16.1	NA	0.870 B
Barium		43.6	NA	35.4	NA	169	174	NA	23.8 B
Beryllium		ND(0.220)	NA	0.340 B	NA	0.390 B	0.910	NA	0.230 B
Cadmium		ND(0.860)	NA	0.180 B	NA	2.70	0.560 B	NA	ND(0.0300)
Calcium		10100	NA	NA	NA	NA	NA	NA	NA
Chromium		24.8 *	NA	11.2	NA	47.7	119	NA	8.20
Cobalt		14.2 *	NA	6.90	NA	7.80	8.30	NA	5.60 B
Copper		222 *	NA	218 *	NA	1400 *	258	NA	13.4
Cyanide		0.140	NA	NA	ND(0.660)	ND(0.550)	NA	ND(0.510)	NA
Iron		38900 *	NA	NA	NA	NA	NA	NA	NA
Lead		177	NA	193 N*	NA	1010 N*	2620 *	NA	8.60 *
Magnesium		5530	NA	NA	NA	NA	NA	NA	NA
Manganese		766 *	NA	NA	NA	NA	NA	NA	NA
Mercury		1.80 *	NA	0.260 N	NA	6.10 N	0.220	NA	ND(0.140)
Nickel		38.7 *	NA	14.4	NA	69.4	51.3	NA	10.0
Potassium		472 B	NA	NA	NA	NA	NA	NA	NA
Selenium		ND(0.860) N	NA	ND(0.380) N	NA	ND(0.330) N	ND(0.420) N	NA	0.590 BN
Silver		ND(1.10) N	NA	ND(0.0800)	NA	3.80	0.230 B	NA	ND(0.100)
Sodium		335 B	NA	NA	NA	NA	NA	NA	NA
Sulfide		ND(10.9)	NA	NA	NA	NA	NA	NA	NA
Thallium		ND(0.430)	NA	0.470 B	NA	0.450 B	ND(0.560)	NA	ND(0.510)
Tin		NA	NA	7.20	NA	132	146	NA	1.60 B
Vanadium		14.6 *	NA	11.6	NA	16.3	89.1	NA	6.50 B
Zinc		142	NA	93.6	NA	1190	350 N	NA	46.0 N

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area:	4E	4E	4E	4E	4E	4E	4E
Location ID:	208S	E2SC-12	E2SC-12	E2SC-15	E2SC-15	EB-22	EB-22
Sample ID:	208S0-6	E2SC-12-CS0615	E2SC-12-SS05	E2SC-15-CS0615	E2SC-15-SS08	3-6C-EB-22	3-6C-EB-22
Sample Depth(Feet):	0-0.5	6-15	0-1	6-15	12-14	12-14	14-16
Parameter Date Collected:	09/17/97	10/19/98	10/19/98	10/20/98	10/20/98	11/07/97	11/07/97
Volatile Organics							
1,1,1-Trichloroethane	ND(0.022)	NA	ND(0.0068)	NA	ND(0.0073)	ND(0.026)	ND(0.022)
1,1,2,2-Tetrachloroethane	ND(0.011)	NA	ND(0.0068)	NA	ND(0.0073)	ND(0.013)	ND(0.011)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ND(0.017)	NA	ND(0.0068)	NA	ND(0.0073)	ND(0.019)	ND(0.017)
1,2-Dibromo-3-chloropropane	ND(0.056)	NA	ND(0.014)	NA	ND(0.015)	ND(0.064)	ND(0.056)
1,2-Dichlorobenzene	ND(610)	ND(0.46)	NA	ND(0.42)	NA	ND(0.75)	ND(0.65)
1,2-Dichloroethane	ND(0.011)	NA	ND(0.0068)	NA	ND(0.0073)	ND(0.013)	ND(0.011)
1,3-Dichlorobenzene	ND(530)	0.13 J	NA	ND(0.42)	NA	ND(0.65)	ND(0.57)
1,4-Dichlorobenzene	ND(540)	0.56	NA	ND(0.42)	NA	ND(0.66)	ND(0.58)
1,4-Dioxane	ND(57)	NA	ND(0.68)	NA	ND(0.73)	ND(65)	ND(57)
2-Butanone	ND(0.039)	NA	ND(0.027)	NA	ND(0.029)	0.0080 J	ND(0.039)
Acetone	0.033 JB	NA	0.024 J	NA	0.024 J	0.018 J	0.014 J
Acetonitrile	ND(0.22)	NA	ND(0.14)	NA	ND(0.15)	ND(0.26)	ND(0.22)
Acrylonitrile	ND(0.23)	NA	ND(0.14)	NA	ND(0.15)	0.27	ND(0.24)
Benzene	ND(0.017)	NA	ND(0.0068)	NA	ND(0.0073)	ND(0.019)	ND(0.017)
Carbon Disulfide	ND(0.011)	NA	ND(0.0068)	NA	ND(0.0073)	ND(0.013)	ND(0.011)
Chlorobenzene	ND(0.017)	NA	ND(0.0068)	NA	ND(0.0073)	ND(0.019)	ND(0.017)
Crotonaldehyde	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	0.0020 J	NA	ND(0.0068)	NA	ND(0.0073)	0.0010 J	ND(0.017)
Isobutanol	ND(14)	NA	ND(0.27)	NA	ND(0.29)	ND(17)	ND(15)
m&p-Xylene	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.071 B	NA	ND(0.0068)	NA	ND(0.0073)	0.0010 JB	0.0020 JB
Propionitrile	ND(0.66)	NA	ND(0.027)	NA	ND(0.029)	ND(0.76)	ND(0.66)
Styrene	ND(0.011)	NA	ND(0.0068)	NA	ND(0.0073)	ND(0.013)	ND(0.011)
Tetrachloroethene	ND(0.017)	NA	ND(0.0068)	NA	ND(0.0073)	ND(0.019)	ND(0.017)
Toluene	ND(0.017)	NA	ND(0.0068)	NA	ND(0.0073)	ND(0.019)	ND(0.017)
Trichloroethene	ND(0.022)	NA	ND(0.0068)	NA	ND(0.0073)	ND(0.026)	ND(0.022)
Trichlorofluoromethane	ND(0.022)	NA	ND(0.014)	NA	ND(0.015)	ND(0.026)	ND(0.022)
Vinyl Chloride	ND(0.022)	NA	ND(0.014)	NA	ND(0.015)	ND(0.026)	ND(0.022)
Xylenes (total)	0.0060 J	NA	ND(0.0068)	NA	ND(0.0073)	ND(0.026)	ND(0.022)
Semivolatile Organics							
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	ND(15)	ND(0.46)	NA	ND(0.42)	NA	ND(1.7)	ND(1.4)
1,2,4-Trichlorobenzene	ND(6.2)	ND(0.46)	NA	ND(0.42)	NA	ND(0.70)	ND(0.73)
1,3,5-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	ND(10)	ND(2.2)	NA	ND(2.0)	NA	ND(1.2)	ND(1.0)
1-Chloronaphthalene	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	1.4 J	ND(0.46)	NA	ND(0.42)	NA	0.081 J	ND(0.68)
2,4-Dinitrophenol	ND(19)	ND(2.2)	NA	ND(2.0)	NA	ND(2.2)	ND(1.9)
2-Acetylaminofluorene	ND(8.0)	ND(0.93)	NA	ND(0.84)	NA	ND(0.91)	ND(0.79)
2-Chloronaphthalene	ND(11)	ND(0.46)	NA	ND(0.42)	NA	ND(1.2)	ND(1.1)
2-Chlorophenol	ND(7.1)	ND(0.46)	NA	ND(0.42)	NA	ND(0.80)	ND(0.70)
2-Methylnaphthalene	ND(9.4)	0.28 J	NA	ND(0.42)	NA	0.68 J	ND(0.93)
2-Methylphenol	3.1 J	ND(0.46)	NA	ND(0.42)	NA	ND(0.83)	ND(0.72)
3&4-Methylphenol	2.1 J	ND(0.46)	NA	ND(0.42)	NA	0.083 J	ND(1.4)
3,3'-Dichlorobenzidine	ND(5.6)	ND(2.2)	NA	ND(2.0)	NA	ND(0.64)	ND(0.55)
3,3'-Dimethoxybenzidine	NA	NA	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	ND(11)	ND(2.2)	NA	ND(2.0)	NA	ND(1.2)	ND(1.1)
3-Methylcholanthrene	ND(6.8) B	ND(0.93)	NA	ND(0.84)	NA	ND(0.78)	ND(0.68)
3-Phenylenediamine	ND(7.4)	NA	NA	NA	NA	ND(0.84)	ND(0.73)
4,6-Dinitro-2-methylphenol	ND(20)	ND(2.2)	NA	ND(2.0)	NA	ND(2.3)	ND(2.0)
4-Aminobiphenyl	ND(4.6)	ND(2.2)	NA	ND(2.0)	NA	ND(0.52)	ND(0.45)
4-Chlorobenzilate	ND(8.0)	ND(0.46)	NA	ND(0.42)	NA	ND(0.91)	ND(0.79)
4-Nitrophenol	ND(50)	ND(2.2)	NA	ND(2.0)	NA	ND(5.8)	ND(5.0)
7,12-Dimethylbenz(a)anthracene	ND(4.6)	ND(0.93)	NA	ND(0.84)	NA	ND(0.52)	ND(0.45)
Acenaphthene	ND(7.4)	0.38 J	NA	ND(0.42)	NA	2.3	ND(0.73)
Acenaphthylene	ND(7.5)	0.15 J	NA	0.031 J	NA	0.35 J	ND(0.74)
Acetophenone	ND(7.4)	ND(0.46)	NA	ND(0.42)	NA	ND(0.84)	ND(0.73)
Aniline	150 D	ND(0.46)	NA	ND(0.42)	NA	0.22 J	ND(0.62)
Anthracene	ND(8.3)	0.42 J	NA	ND(0.42)	NA	1.2	ND(0.82)
Benzidine	ND(18) B	ND(4.6)	NA	ND(4.2)	NA	ND(2.0)	ND(1.8)
Benzo(a)anthracene	0.68 J	0.54	NA	0.043 J	NA	2.6	ND(0.73)
Benzo(a)pyrene	0.73 JB	0.45	NA	0.058 J	NA	1.8	ND(0.73)
Benzo(b)fluoranthene	1.1 J	0.55	NA	0.091 J	NA	1.6	ND(0.85)
Benzo(g,h,i)perylene	0.56 J	0.084 J	NA	ND(0.42)	NA	0.54 J	ND(0.69)
Benzo(k)fluoranthene	0.43 JB	0.24 J	NA	ND(0.42)	NA	0.73 J	ND(0.69)
Benzoic Acid	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	ND(6.6)	ND(0.46)	NA	ND(0.42)	NA	ND(0.75)	ND(0.65)
bis(2-Ethylhexyl)phthalate	1.3 J	0.066 J	NA	0.032 J	NA	ND(0.96)	ND(0.83)
Butylbenzylphthalate	ND(7.6)	ND(0.46)	NA	ND(0.42)	NA	ND(0.87)	ND(0.75)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area:	4E	4E	4E	4E	4E	4E	4E
Location ID:	208S	E2SC-12	E2SC-12	E2SC-15	E2SC-15	EB-22	EB-22
Sample ID:	208S0-6	E2SC-12-CS0615	E2SC-12-SS05	E2SC-15-CS0615	E2SC-15-SS08	3-6C-EB-22	3-6C-EB-22
Sample Depth(Feet):	0-0.5	6-15	0-1	6-15	12-14	12-14	14-16
Parameter Date Collected:	09/17/97	10/19/98	10/19/98	10/20/98	10/20/98	11/07/97	11/07/97
Semivolatile Organics (continued)							
Chrysene	0.97 JB	0.66	NA	0.056 J	NA	2.5	ND(0.60)
Cyclophosphamide	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	ND(4.8)	ND(0.46)	NA	ND(0.42)	NA	0.15 J	ND(0.48)
Dibenzofuran	ND(7.7)	ND(0.46)	NA	ND(0.42)	NA	0.093 J	ND(0.77)
Di-n-Butylphthalate	NA	0.089 J	NA	ND(0.42)	NA	ND(0.98)	ND(0.85)
Di-n-Octylphthalate	NA	ND(0.46)	NA	ND(0.42)	NA	ND(0.61)	ND(0.53)
Diphenylamine	ND(16)	ND(0.46)	NA	ND(0.42)	NA	ND(1.8)	ND(1.6)
Fluoranthene	1.6 J	1.2	NA	0.080 J	NA	5.4	ND(1.0)
Fluorene	ND(7.7)	0.31	NA	ND(0.17)	NA	1.3	ND(0.77)
Hexachlorobenzene	ND(8.6)	ND(0.46)	NA	ND(0.42)	NA	ND(0.98)	ND(0.85)
Indeno(1,2,3-cd)pyrene	0.52 J	0.089 J	NA	ND(0.42)	NA	0.50 J	ND(0.51)
Methapyrilene	ND(15)	ND(2.2)	NA	ND(2.0)	NA	ND(1.7)	ND(1.4)
Naphthalene	ND(7.4)	0.18 J	NA	ND(0.42)	NA	0.95	ND(0.73)
Nitrobenzene	ND(7.6)	ND(0.46)	NA	ND(0.42)	NA	ND(0.87)	ND(0.75)
N-Nitroso-di-n-propylamine	ND(6.8)	ND(0.46)	NA	ND(0.42)	NA	ND(0.78)	ND(0.68)
N-Nitrosodiphenylamine	ND(16)	ND(0.46)	NA	ND(0.42)	NA	ND(1.8)	ND(1.6)
o-Toluidine	4.0 J	ND(0.93)	NA	ND(0.84)	NA	ND(2.6)	ND(2.2)
p-Dimethylaminoazobenzene	ND(7.5)	ND(0.93)	NA	ND(0.84)	NA	ND(0.86)	ND(0.74)
Pentachlorobenzene	ND(7.4)	ND(0.46)	NA	ND(0.42)	NA	ND(0.84)	ND(0.73)
Pentachloronitrobenzene	ND(7.2)	ND(2.2)	NA	ND(2.0)	NA	NA	NA
Pentachlorophenol	ND(16)	ND(2.2)	NA	ND(2.0)	NA	ND(1.8)	ND(1.6)
Phenacetin	ND(6.8)	ND(0.93)	NA	ND(0.84)	NA	ND(0.78)	ND(0.68)
Phenanthrene	0.84 J	1.5	NA	0.042 J	NA	2.3	ND(0.69)
Phenol	23	ND(0.46)	NA	ND(0.42)	NA	ND(0.73)	ND(0.63)
Pronamide	ND(7.3)	ND(0.93)	NA	ND(0.84)	NA	ND(0.83)	ND(0.72)
Pyrene	1.3 J	1.1	NA	0.055 J	NA	6.1	ND(0.81)
Total Phenols	NA	NA	NA	NA	NA	NA	NA
Organochlorine Pesticides							
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides							
None Detected	NA	NA	NA	NA	NA	NA	NA
Herbicides							
2,4,5-T	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	0.00017 g	0.00031 g	NA	0.0000028 g	NA	NA	NA
TCDFs (total)	0.0016	0.0043	NA	0.000024	NA	NA	NA
1,2,3,7,8-PeCDF	0.000057	0.00013	NA	ND(0.0000011)	NA	NA	NA
2,3,4,7,8-PeCDF	0.00013	0.00015	NA	ND(0.0000017)	NA	NA	NA
PeCDFs (total)	0.0036	0.0048	NA	0.000043	NA	NA	NA
1,2,3,4,7,8-HxCDF	0.00011	0.00049	NA	ND(0.0000015)	NA	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.000091) v	ND(0.00054) v	NA	ND(0.0000013)	NA	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.0000021)	0.0000099	NA	ND(0.00000029)	NA	NA	NA
2,3,4,6,7,8-HxCDF	0.00010	0.00019	NA	ND(0.0000012)	NA	NA	NA
HxCDFs (total)	0.0026	0.0076	NA	0.000022	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	0.00037	0.0051 E	NA	0.0000035 j	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	0.000044	0.00043	NA	ND(0.00000060)	NA	NA	NA
HpCDFs (total)	0.00084	0.011	NA	0.0000075	NA	NA	NA
OCDF	0.00033	0.0036	NA	ND(0.0000022)	NA	NA	NA
Dioxins							
2,3,7,8-TCDD	0.0000015	0.000050	NA	ND(0.00000039)	NA	NA	NA
TCDDs (total)	0.000031	0.00095	NA	ND(0.00000039)	NA	NA	NA
1,2,3,7,8-PeCDD	0.0000065	0.000085	NA	ND(0.00000047)	NA	NA	NA
PeCDDs (total)	0.0000065	0.00048	NA	ND(0.0000026)	NA	NA	NA
1,2,3,4,7,8-HxCDD	0.0000058	0.00012	NA	ND(0.00000066)	NA	NA	NA
1,2,3,6,7,8-HxCDD	0.000016	0.00018	NA	ND(0.00000063)	NA	NA	NA
1,2,3,7,8,9-HxCDD	0.000014	0.00021	NA	ND(0.00000068)	NA	NA	NA
HxCDDs (total)	0.00016	0.0026	NA	ND(0.00000068)	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	0.00019	0.0015	NA	ND(0.0000014)	NA	NA	NA
HpCDDs (total)	0.00042	0.0033	NA	ND(0.0000021)	NA	NA	NA
OCDD	0.0013	0.0093 E	NA	0.000014	NA	NA	NA
Total TEQs (WHO TEFs)	0.00013	0.00049	NA	0.0000015	NA	NA	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area:	4E	4E	4E	4E	4E	4E	4E
	Location ID:	208S	E2SC-12	E2SC-12	E2SC-15	E2SC-15	EB-22	EB-22
	Sample ID:	208S0-6	E2SC-12-CS0615	E2SC-12-SS05	E2SC-15-CS0615	E2SC-15-SS08	3-6C-EB-22	3-6C-EB-22
	Sample Depth(Feet):	0-0.5	6-15	0-1	6-15	12-14	12-14	14-16
	Date Collected:	09/17/97	10/19/98	10/19/98	10/20/98	10/20/98	11/07/97	11/07/97
Inorganics								
Aluminum		NA	NA	NA	NA	NA	NA	NA
Antimony		4.60 BN	2.40	NA	0.290 B	NA	NA	NA
Arsenic		7.30	3.60	NA	2.10	NA	NA	NA
Barium		36.6 B	34.3	NA	28.3	NA	NA	NA
Beryllium		0.250 B	0.270 B	NA	0.280 B	NA	NA	NA
Cadmium		0.930 B	0.710	NA	ND(0.640)	NA	NA	NA
Calcium		NA	NA	NA	NA	NA	NA	NA
Chromium		23.7	24.3	NA	9.10	NA	NA	NA
Cobalt		NA	9.70	NA	7.30	NA	NA	NA
Copper		97.8 E	33.2	NA	19.7	NA	NA	NA
Cyanide		ND(0.550)	ND(3.50)	NA	ND(3.20)	NA	NA	NA
Iron		NA	NA	NA	NA	NA	NA	NA
Lead		90.8 *	71.0	NA	7.50	NA	NA	NA
Magnesium		NA	NA	NA	NA	NA	NA	NA
Manganese		NA	NA	NA	NA	NA	NA	NA
Mercury		0.300	0.250	NA	0.0320 B	NA	NA	NA
Nickel		36.0	15.9	NA	12.0	NA	NA	NA
Potassium		NA	NA	NA	NA	NA	NA	NA
Selenium		1.70	0.540 B	NA	0.560 B	NA	NA	NA
Silver		0.210 B	ND(1.40)	NA	ND(1.30)	NA	NA	NA
Sodium		NA	NA	NA	NA	NA	NA	NA
Sulfide		NA	106	NA	ND(255)	NA	NA	NA
Thallium		ND(1.10)	2.00	NA	1.70	NA	NA	NA
Tin		3.70 B	ND(14.0)	NA	ND(12.8)	NA	NA	NA
Vanadium		25.0	10.5	NA	10.2	NA	NA	NA
Zinc		492	105	NA	57.4	NA	NA	NA

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

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area:	4E	4E	4E	4E	4E	4E	4E	4E	4E
Location ID:	EB-23	EB-24	EB-25	EB-26	EB-27	ES2-2	ES2-3	ES2-4	ES2-7
Sample ID:	3-6C-EB-23	3-6C-EB-24	3-6C-EB-25	3-6C-EB-26	3-6C-EB-27	P202B0608	P203B1416	P204B0810	P207B0608
Sample Depth(Feet):	12-14	12-14	0-0.5	12-14	10-12	6-8	14-16	8-10	6-8
Parameter Date Collected:	11/06/97	11/06/97	11/05/97	11/04/97	11/07/97	01/14/91	01/02/91	01/11/91	01/16/91
Volatile Organics									
1,1,1-Trichloroethane	ND(0.036)	ND(0.029)	ND(0.022)	ND(0.030)	ND(0.030)	ND(1.5)	ND(0.0070)	ND(0.0070)	NA
1,1,2,2-Tetrachloroethane	ND(0.018)	ND(0.014)	ND(0.011)	ND(0.015)	ND(0.015)	ND(2.9)	ND(0.014)	ND(0.013)	NA
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA	ND(2.9)	ND(0.014)	ND(0.013)	NA
1,1-Dichloroethane	ND(0.027)	ND(0.022)	ND(0.016)	ND(0.023)	ND(0.022)	ND(1.5)	ND(0.0070)	ND(0.0070)	NA
1,2-Dibromo-3-chloropropane	ND(0.091)	0.0020 JB	ND(0.055)	ND(0.076)	ND(0.075)	ND(2.9)	ND(0.014)	ND(0.013)	NA
1,2-Dichlorobenzene	ND(1.1)	ND(0.85)	NA	ND(0.89)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
1,2-Dichloroethane	ND(0.018)	ND(0.014)	ND(0.011)	ND(0.015)	ND(0.015)	ND(1.5)	ND(0.0070)	ND(0.0070)	NA
1,3-Dichlorobenzene	ND(0.92)	ND(0.73)	NA	ND(0.77)	NA	2.2 J	ND(0.48)	ND(0.44)	1.7 J
1,4-Dichlorobenzene	ND(0.94)	ND(0.75)	NA	ND(0.78)	NA	8.1	0.053 J	ND(0.44)	7.1
1,4-Dioxane	ND(93)	ND(74)	ND(56)	ND(77)	ND(76)	NA	NA	NA	NA
2-Butanone	0.014 J	0.0090 J	ND(0.038)	ND(0.013)	ND(0.052)	ND(2.9)	ND(0.014)	ND(0.013)	NA
Acetone	0.029 J	0.022 J	0.055 JB	0.044 JB	0.034 JB	ND(2.9)	0.035 B	0.037 B	NA
Acetonitrile	ND(0.36)	ND(0.29)	ND(0.070)	ND(0.30)	ND(0.30)	NA	NA	NA	NA
Acrylonitrile	ND(0.38)	ND(0.30)	ND(0.23)	ND(0.32)	ND(0.31)	ND(35)	ND(0.17)	ND(0.16)	NA
Benzene	ND(0.027)	ND(0.022)	ND(0.016)	ND(0.023)	ND(0.022)	ND(1.5)	ND(0.0070)	ND(0.0070)	NA
Carbon Disulfide	ND(0.018)	ND(0.014)	ND(0.011)	ND(0.015)	ND(0.015)	ND(1.5)	ND(0.0070)	ND(0.0070)	NA
Chlorobenzene	ND(0.027)	ND(0.022)	ND(0.016)	ND(0.023)	ND(0.022)	60	0.036	ND(0.0070)	NA
Crotonaldehyde	NA	NA	NA	NA	NA	55	ND(0.14)	ND(0.13)	NA
Ethylbenzene	ND(0.027)	ND(0.022)	ND(0.016)	ND(0.023)	ND(0.022)	42	ND(0.0070)	ND(0.0070)	NA
Isobutanol	ND(24)	ND(19)	ND(14)	ND(20)	ND(19)	NA	NA	NA	NA
m&p-Xylene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.0020 JB	0.0030 JB	0.018	0.016 J	0.021 J	1.2 BJ	0.055 B	0.092 B	NA
Propionitrile	ND(1.1)	ND(0.86)	ND(0.65)	ND(0.89)	ND(0.88)	NA	NA	NA	NA
Styrene	ND(0.018)	ND(0.014)	ND(0.011)	ND(0.015)	ND(0.015)	ND(1.5)	ND(0.0070)	ND(0.0070)	NA
Tetrachloroethene	ND(0.027)	ND(0.022)	ND(0.016)	ND(0.023)	ND(0.022)	ND(1.5)	ND(0.0070)	ND(0.0070)	NA
Toluene	ND(0.027)	ND(0.022)	ND(0.016)	ND(0.023)	ND(0.022)	1.1 J	ND(0.0070)	ND(0.0070)	NA
Trichloroethene	ND(0.036)	ND(0.029)	ND(0.022)	ND(0.030)	ND(0.030)	ND(1.5)	ND(0.0070)	ND(0.0070)	NA
Trichlorofluoromethane	ND(0.036)	ND(0.029)	ND(0.022)	ND(0.030)	ND(0.030)	ND(1.5)	ND(0.0070)	ND(0.0070)	NA
Vinyl Chloride	ND(0.036)	ND(0.029)	ND(0.022)	ND(0.030)	ND(0.030)	ND(2.9)	ND(0.014)	ND(0.013)	NA
Xylenes (total)	ND(0.036)	ND(0.029)	ND(0.022)	ND(0.030)	ND(0.030)	59	ND(0.0070)	ND(0.0070)	NA
Semivolatile Organics									
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
1,2,4,5-Tetrachlorobenzene	ND(2.3)	ND(1.9)	NA	ND(2.0)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
1,2,4-Trichlorobenzene	ND(0.99)	ND(0.79)	NA	ND(0.83)	NA	0.72 J	ND(0.48)	ND(0.44)	0.97 J
1,3,5-Trichlorobenzene	NA	NA	NA	NA	NA	0.53 J	ND(0.48)	ND(0.44)	ND(5.2)
1,3,5-Trinitrobenzene	ND(1.6)	ND(1.3)	NA	ND(1.4)	NA	ND(9.5)	ND(0.96)	ND(0.88)	ND(10)
1-Chloronaphthalene	NA	NA	NA	NA	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
1-Methylnaphthalene	NA	NA	NA	NA	NA	66	ND(0.48)	ND(0.44)	51
2,4-Dimethylphenol	ND(1.1)	ND(0.88)	NA	ND(0.92)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
2,4-Dinitrophenol	ND(3.1)	ND(2.4)	NA	ND(2.6)	NA	ND(19)	ND(1.9)	ND(1.7)	ND(20)
2-Acetylaminofluorene	ND(1.3)	ND(1.0)	NA	ND(1.1)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
2-Chloronaphthalene	ND(1.7)	ND(1.4)	NA	ND(1.5)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
2-Chlorophenol	ND(1.1)	ND(0.90)	NA	ND(0.95)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
2-Methylnaphthalene	ND(1.5)	ND(1.2)	NA	ND(1.3)	NA	29	ND(0.48)	ND(0.44)	17
2-Methylphenol	ND(1.2)	ND(0.93)	NA	ND(0.98)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
3&4-Methylphenol	ND(2.3)	ND(1.9)	NA	ND(2.0)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
3,3'-Dichlorobenzidine	ND(0.90)	ND(0.72)	NA	ND(0.75)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
3,3'-Dimethoxybenzidine	NA	NA	NA	NA	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
3,3'-Dimethylbenzidine	ND(1.7)	ND(1.4)	NA	ND(1.5)	NA	ND(9.5)	ND(0.96)	ND(0.88)	ND(10)
3-Methylcholanthrene	ND(1.1)	ND(0.88)	NA	ND(0.92)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
3-Phenylenediamine	ND(1.2)	ND(0.95)	NA	ND(0.99)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
4,6-Dinitro-2-methylphenol	ND(3.2)	ND(2.6)	NA	ND(2.7)	NA	ND(14)	ND(1.4)	ND(1.3)	ND(16)
4-Aminobiphenyl	ND(0.74)	ND(0.59)	NA	ND(0.62)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
4-Chlorobenzilate	ND(1.3)	ND(1.0)	NA	ND(1.1)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
4-Nitrophenol	ND(8.1)	ND(6.5)	NA	ND(6.8)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
7,12-Dimethylbenz(a)anthracene	ND(0.74)	ND(0.59)	NA	ND(0.62)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
Acenaphthene	ND(1.2)	ND(0.95)	NA	ND(0.99)	NA	26	0.14 J	ND(0.44)	24
Acenaphthylene	ND(1.2)	ND(0.95)	NA	ND(1.0)	NA	2.9 J	ND(0.48)	ND(0.44)	3.7 J
Acetophenone	ND(1.2)	ND(0.95)	NA	ND(0.99)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
Aniline	0.50 J	ND(0.80)	NA	ND(0.84)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
Anthracene	ND(1.3)	ND(1.1)	NA	ND(1.1)	NA	13	ND(0.48)	ND(0.44)	13
Benzidine	ND(2.9)	ND(2.3)	NA	ND(2.4)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
Benzo(a)anthracene	0.13 J	ND(0.95)	NA	ND(0.99)	NA	11	ND(0.48)	ND(0.44)	13
Benzo(a)pyrene	0.14 J	ND(0.95)	NA	ND(0.99)	NA	8.3	ND(0.48)	ND(0.44)	12
Benzo(b)fluoranthene	0.18 J	ND(1.1)	NA	ND(1.2)	NA	10 Z	ND(0.48)	ND(0.44)	14 Z
Benzo(g,h,i)perylene	0.068 J	ND(0.89)	NA	ND(0.93)	NA	2.1 J	ND(0.48)	ND(0.44)	5.5
Benzo(k)fluoranthene	0.065 J	ND(0.89)	NA	ND(0.93)	NA	10 Z	ND(0.48)	ND(0.44)	14 Z
Benzoic Acid	NA	NA	NA	NA	NA	ND(47)	ND(4.8)	ND(4.4)	ND(52)
bis(2-Chloroethyl)ether	ND(1.1)	ND(0.85)	NA	ND(0.89)	NA	ND(9.5)	ND(0.96)	ND(0.88)	ND(10)
bis(2-Ethylhexyl)phthalate	ND(1.4)	ND(1.1)	NA	0.095 J	NA	ND(4.7)	ND(0.48)	ND(0.44)	1.4 J
Butylbenzylphthalate	ND(1.2)	ND(0.98)	NA	ND(1.0)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)

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

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area:	4E	4E	4E	4E	4E	4E	4E	4E	4E
Location ID:	EB-23	EB-24	EB-25	EB-26	EB-27	ES2-2	ES2-3	ES2-4	ES2-7
Sample ID:	3-6C-EB-23	3-6C-EB-24	3-6C-EB-25	3-6C-EB-26	3-6C-EB-27	P202B0608	P203B1416	P204B0810	P207B0608
Sample Depth(Feet):	12-14	12-14	0-0.5	12-14	10-12	6-8	14-16	8-10	6-8
Parameter Date Collected:	11/06/97	11/06/97	11/05/97	11/04/97	11/07/97	01/14/91	01/02/91	01/11/91	01/16/91
Semivolatile Organics (continued)									
Chrysene	0.24 J	ND(0.77)	NA	ND(0.81)	NA	9.7	ND(0.48)	ND(0.44)	14
Cyclophosphamide	NA	NA	NA	NA	NA	ND(23)	ND(2.3)	ND(2.1)	ND(25)
Dibenzo(a,h)anthracene	ND(0.77)	ND(0.62)	NA	ND(0.65)	NA	0.76 J	ND(0.48)	ND(0.44)	1.9 J
Dibenzofuran	3.0	ND(0.99)	NA	ND(1.0)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
Di-n-Butylphthalate	ND(1.4)	ND(1.1)	NA	ND(1.2)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
Di-n-Octylphthalate	ND(0.86)	ND(0.69)	NA	ND(0.72)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
Diphenylamine	ND(2.5)	ND(2.0)	NA	ND(2.1)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
Fluoranthene	0.30 J	ND(1.3)	NA	ND(1.4)	NA	21	ND(0.48)	ND(0.44)	25
Fluorene	0.10 J	ND(0.99)	NA	ND(1.0)	NA	18	ND(0.48)	ND(0.44)	16
Hexachlorobenzene	ND(1.4)	ND(1.1)	NA	ND(1.2)	NA	ND(4.7)	ND(0.43)	ND(0.44)	ND(5.2)
Indeno(1,2,3-cd)pyrene	0.065 J	ND(0.66)	NA	ND(0.69)	NA	1.8 J	ND(0.48)	ND(0.44)	4.2 J
Methapyrilene	ND(2.3)	ND(1.9)	NA	ND(2.0)	NA	ND(9.5)	ND(0.96)	ND(0.88)	ND(10)
Naphthalene	ND(1.2)	ND(0.95)	NA	ND(0.99)	NA	42	ND(0.48)	ND(0.44)	31
Nitrobenzene	ND(1.2)	ND(0.98)	NA	ND(1.0)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
N-Nitroso-di-n-propylamine	ND(1.1)	ND(0.88)	NA	ND(0.92)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
N-Nitrosodiphenylamine	ND(2.5)	ND(2.0)	NA	ND(2.1)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
o-Toluidine	ND(3.6)	ND(2.9)	NA	ND(3.0)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
p-Dimethylaminoazobenzene	ND(1.2)	ND(0.96)	NA	ND(1.0)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
Pentachlorobenzene	ND(1.2)	ND(0.95)	NA	ND(0.99)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
Pentachloronitrobenzene	NA	NA	NA	NA	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
Pentachlorophenol	ND(2.5)	ND(2.0)	NA	ND(2.1)	NA	ND(9.5)	ND(0.96)	ND(0.88)	ND(10)
Phenacetin	ND(1.1)	ND(0.88)	NA	ND(0.92)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
Phenanthrene	0.25 J	ND(0.89)	NA	ND(0.93)	NA	55	ND(0.48)	ND(0.44)	45
Phenol	0.13 J	ND(0.82)	NA	ND(0.86)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
Pronamide	ND(1.2)	ND(0.93)	NA	ND(0.98)	NA	ND(4.7)	ND(0.48)	ND(0.44)	ND(5.2)
Pyrene	0.22 J	ND(1.0)	NA	ND(1.1)	NA	18	ND(0.48)	ND(0.44)	32
Total Phenols	NA	NA	NA	NA	NA	3.3	ND(0.15)	0.93	2.9
Organochlorine Pesticides									
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides									
None Detected	NA	NA	NA	NA	NA	NA	--	--	--
Herbicides									
2,4,5-T	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA	NA	NA	NA
Furans									
2,3,7,8-TCDF	NA	NA	NA	NA	NA	NA	NA	NA	NA
TCDFs (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA	NA	NA	NA	NA	NA	NA
PeCDFs (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	NA	NA	NA	NA	NA
HxCDFs (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	NA	NA	NA	NA	NA
HpCDFs (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA
OCDF	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dioxins									
2,3,7,8-TCDD	NA	NA	NA	NA	NA	NA	NA	NA	NA
TCDDs (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	NA	NA	NA	NA	NA	NA	NA	NA	NA
PeCDDs (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	NA	NA	NA	NA	NA
HxCDDs (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	NA	NA	NA	NA	NA
HpCDDs (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA
OCDD	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)	NA	NA	NA	NA	NA	NA	NA	NA	NA

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	4E / EB-23 / 3-6C-EB-23 / 12-14 / 11/06/97	4E / EB-24 / 3-6C-EB-24 / 12-14 / 11/06/97	4E / EB-25 / 3-6C-EB-25 / 0-0.5 / 11/05/97	4E / EB-26 / 3-6C-EB-26 / 12-14 / 11/04/97	4E / EB-27 / 3-6C-EB-27 / 10-12 / 11/07/97	4E / ES2-2 / P202B0608 / 6-8 / 01/14/91	4E / ES2-3 / P203B1416 / 14-16 / 01/02/91	4E / ES2-4 / P204B0810 / 8-10 / 01/11/91	4E / ES2-7 / P207B0608 / 6-8 / 01/16/91
Inorganics										
Aluminum		NA	NA	NA	NA	NA	11000	5700	10000	13000
Antimony		NA	NA	NA	NA	NA	ND(1.40)	ND(1.50)	ND(1.20)	ND(1.60)
Arsenic		NA	NA	NA	NA	NA	26.0	5.20	12.0	22.0
Barium		NA	NA	NA	NA	NA	79.0	ND(31.0)	56.0	46.0
Beryllium		NA	NA	NA	NA	NA	1.00	ND(0.770)	ND(0.610)	ND(0.790)
Cadmium		NA	NA	NA	NA	NA	17.0	ND(0.770)	ND(0.610)	1.30
Calcium		NA	NA	NA	NA	NA	11000	7100	11000	5200
Chromium		NA	NA	NA	NA	NA	880	7.50	18.0	40.0
Cobalt		NA	NA	NA	NA	NA	16.0	ND(7.70)	8.50	14.0
Copper		NA	NA	NA	NA	NA	270	12.0	26.0	49.0
Cyanide		NA	NA	NA	NA	NA	1.30	NA	ND(0.610)	6.70
Iron		NA	NA	NA	NA	NA	30000	11000	22000	17000
Lead		NA	NA	NA	NA	NA	8200	ND(15.0)	38.0	150
Magnesium		NA	NA	NA	NA	NA	4200	7200	11000	11000
Manganese		NA	NA	NA	NA	NA	660	170	490	570
Mercury		NA	NA	NA	NA	NA	1.70	ND(0.150)	ND(0.120)	ND(0.160)
Nickel		NA	NA	NA	NA	NA	27.0	15.0	15.0	24.0
Potassium		NA	NA	NA	NA	NA	ND(720)	ND(770)	670	1100
Selenium		NA	NA	NA	NA	NA	5.20	ND(0.770)	ND(0.610)	ND(0.790)
Silver		NA	NA	NA	NA	NA	5.60	ND(1.50)	ND(1.20)	1.70
Sodium		NA	NA	NA	NA	NA	ND(720)	ND(770)	ND(610)	ND(790)
Sulfide		NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium		NA	NA	NA	NA	NA	ND(1.40)	ND(1.50)	ND(1.20)	ND(1.60)
Tin		NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium		NA	NA	NA	NA	NA	22.0	8.80	15.0	150
Zinc		NA	NA	NA	NA	NA	4000	5.50	68.0	65.0

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	4E / SL0025 / 080798SB17 / 0-0.5 / 08/07/98	4E / SL0153 / 081798CT27 / 1-1.5 / 08/17/98	4E / SL0314 / 082798MS14 / 0-0.5 / 08/27/98	4E / SL0342 / 083198MS14 / 0-0.5 / 08/31/98	4E / X-1 / P2X010204 / 2-4 / 07/02/91	4E / Y-1 / P2Y010810 / 8-10 / 06/06/91	4E / Y-2 / P2Y020608 / 6-8 / 06/07/91	4E / Y-3 / P2Y030810 / 8-10 / 06/05/91
Volatile Organics								
1,1,1-Trichloroethane	ND(0.0054)	ND(0.0076)	ND(0.0053)	ND(0.0052)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)
1,1,2,2-Tetrachloroethane	ND(0.0054)	ND(0.0076)	ND(0.0053)	ND(0.0052)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.011)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	ND(0.012)	0.0030 BJ	ND(0.012)	0.0030 BJ
1,1-Dichloroethane	ND(0.0054)	ND(0.0076)	ND(0.0053)	ND(0.0052)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)
1,2-Dibromo-3-chloropropane	ND(0.011)	ND(0.015)	ND(0.011)	ND(0.010)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.011)
1,2-Dichlorobenzene	NA	NA	NA	NA	1.6 J	ND(0.80)	ND(0.80)	ND(0.71)
1,2-Dichloroethane	ND(0.0054)	ND(0.0076)	ND(0.0053)	ND(0.0052)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)
1,3-Dichlorobenzene	NA	NA	NA	NA	2.4 J	ND(0.80)	ND(0.80)	ND(0.71)
1,4-Dichlorobenzene	NA	NA	NA	NA	6.2	0.83	ND(0.80)	ND(0.71)
1,4-Dioxane	ND(0.54)	ND(0.76)	ND(0.53)	ND(0.52)	NA	NA	NA	NA
2-Butanone	ND(0.021)	ND(0.030)	ND(0.021)	ND(0.021)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.011)
Acetone	ND(0.011)	0.0099 J	ND(0.011)	ND(0.010)	0.010 J	0.0090 BJ	0.047 B	0.0090 BJ
Acetonitrile	ND(0.11)	ND(0.15)	ND(0.11)	ND(0.10)	NA	NA	NA	NA
Acrylonitrile	ND(0.11)	ND(0.15)	ND(0.11)	ND(0.10)	ND(0.15)	ND(0.15)	ND(0.14)	ND(0.13)
Benzene	ND(0.0054)	ND(0.0076)	ND(0.0053)	ND(0.0052)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)
Carbon Disulfide	ND(0.0054)	ND(0.0076)	ND(0.0053)	ND(0.0052)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)
Chlorobenzene	ND(0.0054)	ND(0.0076)	ND(0.0053)	ND(0.0052)	0.12	ND(0.0060)	ND(0.0060)	ND(0.0050)
Crotonaldehyde	NA	NA	NA	NA	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.11)
Ethylbenzene	ND(0.0054)	ND(0.0076)	ND(0.0053)	ND(0.0052)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)
Isobutanol	ND(0.21)	ND(0.30)	ND(0.21)	ND(0.21)	NA	NA	NA	NA
m&p-Xylene	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ND(0.0054)	ND(0.0076)	ND(0.0053)	ND(0.0052)	0.011 BJ	0.030 B	0.039 B	0.018 B
Propionitrile	ND(0.021)	ND(0.030)	ND(0.021)	ND(0.021)	NA	NA	NA	NA
Styrene	ND(0.0054)	ND(0.0076)	ND(0.0053)	ND(0.0052)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)
Tetrachloroethene	ND(0.0054)	ND(0.0076)	ND(0.0053)	ND(0.0052)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)
Toluene	ND(0.0054)	ND(0.0076)	ND(0.0053)	ND(0.0052)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)
Trichloroethene	ND(0.0054)	ND(0.0076)	ND(0.0053)	ND(0.0052)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)
Trichlorofluoromethane	ND(0.011)	ND(0.015)	ND(0.011)	ND(0.010)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)
Vinyl Chloride	ND(0.011)	ND(0.015)	ND(0.011)	ND(0.010)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.011)
Xylenes (total)	ND(0.0054)	ND(0.0076)	ND(0.0053)	ND(0.0052)	0.0040 J	ND(0.0060)	ND(0.0060)	ND(0.0050)
Semivolatile Organics								
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA	5.8 J	0.88	0.18 J	0.20 J
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA	ND(6.1)	0.96 Z	ND(0.80)	0.18 JZ
1,2,3-Trichlorobenzene	NA	NA	NA	NA	0.88 J	0.92	0.12 J	ND(0.71)
1,2,4,5-Tetrachlorobenzene	ND(0.35)	ND(1.0)	0.17 J	ND(0.35)	ND(6.1)	0.96 Z	ND(0.80)	0.18 JZ
1,2,4-Trichlorobenzene	ND(0.35)	ND(1.0)	0.80 J	ND(0.35)	2.4 J	3.7	0.42 J	0.12 J
1,3,5-Trichlorobenzene	NA	NA	NA	NA	0.99 J	ND(0.80)	ND(0.80)	ND(0.71)
1,3,5-Trinitrobenzene	ND(1.7)	ND(4.9)	ND(8.5)	ND(1.7)	ND(12)	ND(1.6)	ND(1.6)	ND(1.4)
1-Chloronaphthalene	NA	NA	NA	NA	ND(6.1)	ND(0.80)	ND(0.80)	ND(0.71)
1-Methylnaphthalene	NA	NA	NA	NA	0.88 J	ND(0.80)	0.54 J	0.10 J
2,4-Dimethylphenol	ND(0.35)	0.14 J	0.24 J	ND(0.35)	ND(6.1)	1.1	ND(0.80)	ND(0.71)
2,4-Dinitrophenol	ND(1.7)	ND(4.9)	ND(8.5)	ND(1.7)	ND(24)	ND(3.2)	ND(3.1)	ND(2.8)
2-Acetylaminofluorene	ND(0.71)	ND(2.0)	ND(3.5)	ND(0.69)	ND(6.1)	ND(0.80)	ND(0.80)	ND(0.71)
2-Chloronaphthalene	ND(0.35)	ND(1.0)	ND(1.7)	ND(0.35)	ND(6.1)	ND(0.80)	ND(0.80)	ND(0.71)
2-Chlorophenol	ND(0.35)	ND(1.0)	ND(1.7)	ND(0.35)	0.95 J	ND(0.80)	ND(0.80)	ND(0.71)
2-Methylnaphthalene	ND(0.35)	ND(1.0)	ND(1.7)	ND(0.35)	ND(6.1)	ND(0.80)	0.35 J	ND(0.71)
2-Methylphenol	ND(0.35)	0.22 J	ND(1.7)	ND(0.35)	ND(6.1)	ND(0.80)	ND(0.80)	ND(0.71)
3&4-Methylphenol	ND(0.35)	0.26 J	0.61 J	ND(0.35)	ND(6.1)	1.0	ND(0.80)	ND(0.71)
3,3'-Dichlorobenzidine	ND(1.7)	ND(4.9)	ND(8.5)	ND(1.7)	ND(6.1)	ND(0.80)	ND(0.80)	ND(0.71)
3,3'-Dimethoxybenzidine	NA	NA	NA	NA	ND(6.1)	ND(0.80)	ND(0.80)	ND(0.71)
3,3'-Dimethylbenzidine	ND(1.7)	ND(4.9)	ND(8.5)	ND(1.7)	ND(12)	ND(1.6)	ND(1.6)	ND(1.4)
3-Methylcholanthrene	ND(0.71)	ND(2.0)	ND(3.5)	ND(0.69)	ND(6.1)	ND(0.80)	ND(0.80)	ND(0.71)
3-Phenylenediamine	NA	NA	NA	NA	ND(6.1)	ND(0.80)	ND(0.80)	ND(0.71)
4,6-Dinitro-2-methylphenol	ND(1.7)	ND(4.9)	ND(8.5)	ND(1.7)	ND(18)	ND(2.4)	ND(2.4)	ND(2.1)
4-Aminobiphenyl	ND(1.7)	ND(4.9)	ND(8.5)	ND(1.7)	ND(6.1)	ND(0.80)	ND(0.80)	ND(0.71)
4-Chlorobenzilate	ND(0.35)	ND(1.0)	ND(1.7)	ND(0.35)	ND(6.1)	ND(0.80)	ND(0.80)	ND(0.71)
4-Nitrophenol	ND(1.7)	ND(4.9)	ND(8.5)	ND(1.7)	ND(6.1)	ND(0.80)	ND(0.80)	ND(0.71)
7,12-Dimethylbenz(a)anthracene	ND(0.71)	ND(2.0)	ND(3.5)	ND(0.69)	ND(6.1)	ND(0.80)	ND(0.80)	ND(0.71)
Acenaphthene	ND(0.35)	ND(1.0)	0.19 J	0.040 J	1.8 J	1.2	1.8	0.20 J
Acenaphthylene	ND(0.35)	0.10 J	0.55 J	0.071 J	ND(6.1)	4.2	2.5	0.14 J
Acetophenone	ND(0.35)	ND(1.0)	ND(1.7)	ND(0.35)	ND(6.1)	ND(0.80)	ND(0.80)	ND(0.71)
Aniline	0.21 J	6.4	9.8	ND(0.35)	0.94 J	4.8	ND(0.80)	0.28 J
Anthracene	ND(0.35)	0.12 J	0.53 J	0.11 J	2.8 J	3.9	8.8	0.96
Benzidine	ND(3.5)	ND(10)	ND(17)	ND(3.5)	6.1	ND(0.80)	ND(0.80)	ND(0.71)
Benzo(a)anthracene	0.12 J	0.58 J	1.6 J	0.41	2.6 J	14	24 E	3.7
Benzo(a)pyrene	0.15 J	0.73 J	2.1	0.54	ND(6.1)	23	13 E	3.7
Benzo(b)fluoranthene	0.15 J	1.2	1.9	0.53	4.4 JZ	10	28 EZ	7.6 Z
Benzo(g,h,i)perylene	0.080 J	0.35 J	0.85 J	0.22 J	ND(6.1)	15	6.3	1.3
Benzo(k)fluoranthene	0.17 J	ND(1.0)	2.2	0.57	4.4 JZ	25	28 EZ	7.6 Z
Benzoic Acid	NA	NA	NA	NA	ND(61)	ND(8.0)	ND(8.0)	ND(7.1)
bis(2-Chloroethyl)ether	ND(0.35)	ND(1.0)	ND(1.7)	ND(0.35)	ND(12)	ND(1.6)	ND(1.6)	ND(1.4)
bis(2-Ethylhexyl)phthalate	0.033 J	ND(1.0)	0.14 J	0.095 J	0.64 J	6.4 B	ND(0.80)	0.50 BJ
Butylbenzylphthalate	ND(0.35)	ND(1.0)	ND(1.7)	0.038 J	ND(6.1)	ND(0.80)	ND(0.80)	ND(0.71)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: / Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	4E / SL0025 / 080798SB17 / 0-0.5 / 08/07/98	4E / SL0153 / 081798CT27 / 1-1.5 / 08/17/98	4E / SL0314 / 082798MS14 / 0-0.5 / 08/27/98	4E / SL0342 / 083198MS14 / 0-0.5 / 08/31/98	4E / X-1 / P2X010204 / 2-4 / 07/02/91	4E / Y-1 / P2Y010810 / 8-10 / 06/06/91	4E / Y-2 / P2Y020608 / 6-8 / 06/07/91	4E / Y-3 / P2Y030810 / 8-10 / 06/05/91
Semivolatile Organics (continued)								
Chrysene	0.16 J	0.77 J	1.9	0.55	2.5 J	16	20 E	3.7
Cyclophosphamide	NA	NA	NA	NA	ND(30)	ND(3.9)	ND(3.9)	ND(3.4)
Dibenzo(a,h)anthracene	ND(0.35)	0.12 J	0.25 J	0.064 J	ND(6.1)	5.0	3.2	0.83
Dibenzofuran	ND(0.35)	ND(1.0)	ND(1.7)	ND(0.35)	0.72 J	ND(0.80)	1.4	ND(0.71)
Di-n-Butylphthalate	0.039 J	1.8	0.62 J	0.11 J	ND(6.1)	2.3	ND(0.80)	ND(0.71)
Di-n-Octylphthalate	ND(0.35)	ND(1.0)	ND(1.7)	ND(0.35)	ND(6.1)	ND(0.80)	ND(0.80)	ND(0.71)
Diphenylamine	ND(0.35)	ND(1.0)	ND(1.7)	ND(0.35)	ND(6.1)	ND(0.80)	ND(0.80)	ND(0.71)
Fluoranthene	0.28 J	1.0	2.4	0.79	5.3 J	13	22 E	6.5
Fluorene	ND(0.35)	ND(1.0)	0.18 J	0.039 J	1.2 J	1.8	3.1	ND(0.71)
Hexachlorobenzene	ND(0.35)	ND(1.0)	ND(1.7)	0.085 J	ND(6.1)	ND(0.80)	ND(0.80)	ND(0.71)
Indeno(1,2,3-cd)pyrene	0.086 J	0.37 J	0.86 J	0.21 J	ND(6.1)	11	6.4	1.5
Methapyrilene	ND(1.7)	ND(4.9)	ND(8.5)	ND(1.7)	ND(12)	ND(1.6)	ND(1.6)	ND(1.4)
Naphthalene	ND(0.35)	ND(1.0)	ND(1.7)	ND(0.35)	0.74 J	1.5	1.6	0.14 J
Nitrobenzene	ND(0.35)	ND(1.0)	ND(1.7)	ND(0.35)	ND(6.1)	ND(0.80)	ND(0.80)	ND(0.71)
N-Nitroso-di-n-propylamine	ND(0.35)	ND(1.0)	ND(1.7)	ND(0.35)	0.96 J	ND(0.80)	ND(0.80)	ND(0.71)
N-Nitrosodiphenylamine	ND(0.35)	ND(1.0)	ND(1.7)	ND(0.35)	ND(6.1)	ND(0.80)	ND(0.80)	ND(0.71)
o-Toluidine	ND(0.71)	0.18 J	0.19 J	ND(0.69)	ND(6.1)	ND(0.80)	ND(0.80)	ND(0.71)
p-Dimethylaminoazobenzene	ND(0.35)	ND(1.0)	ND(1.7)	ND(0.35)	ND(6.1)	ND(0.80)	ND(0.80)	ND(0.71)
Pentachlorobenzene	ND(0.35)	ND(1.0)	ND(1.7)	ND(0.35)	2.6 J	ND(0.80)	ND(0.80)	ND(0.71)
Pentachloronitrobenzene	ND(1.7)	ND(4.9)	ND(8.5)	ND(1.7)	ND(6.1)	ND(0.80)	ND(0.80)	ND(0.71)
Pentachlorophenol	ND(1.7)	ND(4.9)	ND(8.5)	ND(1.7)	ND(12)	ND(1.6)	ND(1.6)	ND(1.4)
Phenacetin	ND(0.71)	ND(2.0)	ND(3.5)	ND(0.69)	ND(6.1)	ND(0.80)	ND(0.80)	ND(0.71)
Phenanthrene	0.10 J	0.65 J	1.6 J	0.50	2.0 J	8.1	25 E	4.5
Phenol	ND(0.35)	1.4	2.2	0.15 J	2.2 J	4.1	ND(0.80)	ND(0.71)
Pronamide	ND(0.71)	ND(2.0)	ND(3.5)	ND(0.69)	ND(6.1)	ND(0.80)	ND(0.80)	ND(0.71)
Pyrene	0.21 J	0.83 J	1.8	0.68	ND(6.9)	21	38 E	4.4
Total Phenols	NA	NA	NA	NA	4.8	0.95	0.27	0.27
Organochlorine Pesticides								
4,4'-DDE	NA	NA	NA	ND(0.36)	ND(1.7)	ND(0.069)	ND(0.069)	ND(0.075)
Aldrin	NA	NA	NA	ND(0.36)	6.9	ND(0.020)	ND(0.020)	ND(0.021)
Delta-BHC	NA	NA	NA	ND(0.36)	ND(0.49)	ND(0.020)	ND(0.020)	ND(0.021)
Dieldrin	NA	NA	NA	ND(0.36)	ND(0.74)	ND(0.029)	ND(0.029)	ND(0.032)
Endosulfan II	NA	NA	NA	0.91	ND(1.7)	ND(0.069)	ND(0.069)	ND(0.075)
Methoxychlor	NA	NA	NA	ND(3.6)	ND(1.7)	ND(0.069)	ND(0.069)	ND(0.075)
Toxaphene	NA	NA	NA	ND(14)	ND(9.9)	ND(0.39)	ND(0.39)	22
Organophosphate Pesticides								
None Detected	NA	NA	NA	NA	--	--	--	--
Herbicides								
2,4,5-T	NA	NA	NA	NA	ND(0.031)	ND(0.25)	ND(0.025)	NA
2,4,5-TP	NA	NA	NA	NA	ND(0.031)	ND(0.25)	ND(0.025)	NA
2,4-D	NA	NA	NA	NA	ND(0.12)	ND(1.0)	ND(0.10)	NA
Furans								
2,3,7,8-TCDF	0.000039 g	0.0011 gE	0.0013 gEB	0.00025 gB	NA	0.015	NA	0.0010
TCDFs (total)	0.00018	0.0030	0.0087	0.0012	NA	0.076	NA	0.0052
1,2,3,7,8-PeCDF	0.000016	0.00069	0.0015	0.00015	NA	NA	NA	NA
2,3,4,7,8-PeCDF	0.000020	0.00041	0.0017	0.00019	NA	NA	NA	NA
PeCDFs (total)	0.00044	0.0032	0.018	0.0019	NA	0.12	NA	0.0080
1,2,3,4,7,8-HxCDF	0.000021	0.00064	0.0045	0.00018	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	0.000014 F	0.00018	0.0023	0.000077	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.00000039)	0.0000089	0.00014	0.0000070	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	0.000016	0.000056	0.00057	0.000051	NA	NA	NA	NA
HxCDFs (total)	0.00037	0.0019	0.018	0.00094	NA	0.087	NA	0.0062
1,2,3,4,6,7,8-HpCDF	0.000052	0.00045	0.0039	0.00027	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	0.0000059	0.00016	0.0021	0.000061	NA	NA	NA	NA
HpCDFs (total)	0.00011	0.00099	0.0084	0.00060	NA	0.029	NA	0.0025
OCDF	0.000027	0.00091	0.0046	0.00031	NA	0.025	NA	0.0016
Dioxins								
2,3,7,8-TCDD	ND(0.00000041)	0.0000056	0.0000098	0.0000032	NA	ND(0.0010)	NA	ND(0.00012)
TCDDs (total)	0.0000019	0.000031	0.00012	0.000042	NA	ND(0.0011)	NA	ND(0.00012)
1,2,3,7,8-PeCDD	ND(0.0000013)	0.0000069	0.000021	0.0000045 j	NA	NA	NA	NA
PeCDDs (total)	ND(0.0000033)	0.0000069	0.00023	0.000032	NA	ND(0.00078)	NA	ND(0.00019)
1,2,3,4,7,8-HxCDD	ND(0.0000010)	0.0000077	0.000027	0.0000044 j	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.0000012)	0.000011	0.000051	0.000011	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.0000014)	0.000020	0.000067	0.0000073	NA	NA	NA	NA
HxCDDs (total)	0.0000073	0.00011	0.00056	0.00011	NA	ND(0.0018)	NA	ND(0.00022) *
1,2,3,4,6,7,8-HpCDD	0.000014	0.000092	0.00026	0.00018	NA	NA	NA	NA
HpCDDs (total)	0.000026	0.00018	0.00054	0.00033	NA	ND(0.0024)	NA	0.00059
OCDD	0.00010	0.0011	0.00094	0.0016	NA	ND(0.0041)	NA	0.00047
Total TEQs (WHO TEFs)	0.000022	0.00046	0.0019	0.00017	NA	NC	NA	NC

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area:	4E	4E	4E	4E	4E	4E	4E	4E
Location ID:	SL0025	SL0153	SL0314	SL0342	X-1	Y-1	Y-2	Y-3
Sample ID:	080798SB17	081798CT27	082798MS14	083198MS14	P2X010204	P2Y010810	P2Y020608	P2Y030810
Sample Depth(Feet):	0-0.5	1-1.5	0-0.5	0-0.5	2-4	8-10	6-8	8-10
Parameter Date Collected:	08/07/98	08/17/98	08/27/98	08/31/98	07/02/91	06/06/91	06/07/91	06/05/91
Inorganics								
Aluminum	NA	NA	NA	NA	11100	8350	8090	7880
Antimony	0.790 B	21.4	6.30	0.800 B	ND(4.00) N	19.5 *	170 *	ND(2.50) *
Arsenic	5.20	11.1	10.9	3.30	14.5 N	9.10 N	0 AN	5.90 ON
Barium	27.5	57.9	78.1	34.4	46.9	505 N*	271 N*	115 N*
Beryllium	0.310 B	0.380 B	0.410 B	0.270 B	0.200 B	0.260 B	0.270 B	0.290 B
Cadmium	0.150 B	29.0	2.30	0.0990 B	7.00	2.20	4.40	1.30
Calcium	NA	NA	NA	NA	16800 E*	14600	11500	14500
Chromium	9.50	15.9	52.3	14.2	54.2	75.4	66.7	41.8
Cobalt	9.80	13.7	16.7	7.60	15.8	12.5	11.2	8.10
Copper	18.4	25400	420	26.4	289 *	939	860	331
Cyanide	ND(2.70)	ND(3.80)	ND(2.70)	ND(2.60)	ND(0.520)	NA	NA	NA
Iron	NA	NA	NA	NA	39800 E	34200 E	27900 E	21900 E
Lead	10.6	20400	473	38.9	142	1420 *	1490 *	610 *
Magnesium	NA	NA	NA	NA	18500 *	7460	8760	10000
Manganese	NA	NA	NA	NA	1940	574	574	373
Mercury	0.0290 B	0.990	1.60	0.120	5.50 N*	0.670 *	0.350 *	0.620 *
Nickel	17.4	126	37.8	14.2	72.4	49.4 E	47.1 E	30.7 E
Potassium	NA	NA	NA	NA	1050	643	487 B	580
Selenium	ND(0.540)	1.10	1.00	0.630	ND(2.50) N	ND(0.350) W	ND(0) W	ND(0.340) W
Silver	ND(1.10)	12.4	5.60	0.380 B	ND(0.610) N	2.00 N	2.70 N	ND(0.560) N
Sodium	NA	NA	NA	NA	185 B	179 B	180 B	115 B
Sulfide	ND(214)	ND(304)	ND(212)	148 B	ND(12.3)	166	16.0	ND(11.2)
Thallium	0.790 B	1.70	1.10	0.770 B	ND(0.250) WN	ND(0.350) W	ND(0) W	ND(0.340) W
Tin	ND(10.7)	6350	26.0	ND(10.5)	NA	NA	NA	NA
Vanadium	12.8	19.1	20.9	16.4	29.4	16.2	14.8	12.4
Zinc	77.2	9750	742	112	257 E	2070 *	1870 *	548 *

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area:	4E	4E	4E	4E
Location ID:	Y-4	Y-5	Y-6	Y-7
Sample ID:	P2Y040406	P2Y050406	P2Y060406	P2Y070406
Sample Depth(Feet):	4-6	4-6	4-6	4-6
Parameter Date Collected:	06/05/91	06/06/91	06/11/91	06/06/91
Volatile Organics				
1,1,1-Trichloroethane	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
1,1,2,2-Tetrachloroethane	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)
1,1,2-trichloro-1,2,2-trifluoroethane	0.0030 BJ	0.0040 BJ	0.0030 BJ	0.0040 BJ
1,1-Dichloroethane	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
1,2-Dibromo-3-chloropropane	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)
1,2-Dichlorobenzene	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
1,2-Dichloroethane	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
1,3-Dichlorobenzene	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
1,4-Dichlorobenzene	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
1,4-Dioxane	NA	NA	NA	NA
2-Butanone	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)
Acetone	0.021 B	ND(0.022)	0.051 B	0.017 B
Acetonitrile	NA	NA	NA	NA
Acrylonitrile	ND(0.15)	ND(0.14)	ND(0.15)	ND(0.15)
Benzene	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Carbon Disulfide	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Chlorobenzene	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Crotonaldehyde	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)
Ethylbenzene	ND(0.0060)	0.0030 J	ND(0.0060)	ND(0.0060)
Isobutanol	NA	NA	NA	NA
m&p-Xylene	NA	NA	NA	NA
Methylene Chloride	0.029 B	ND(0.047)	0.045 B	0.031 B
Propionitrile	NA	NA	NA	NA
Styrene	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Tetrachloroethene	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Toluene	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Trichloroethene	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Trichlorofluoromethane	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Vinyl Chloride	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)
Xylenes (total)	ND(0.0060)	0.0030 J	ND(0.0060)	ND(0.0060)
Semivolatile Organics				
1,2,3,4-Tetrachlorobenzene	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
1,2,3,5-Tetrachlorobenzene	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
1,2,3-Trichlorobenzene	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
1,2,4,5-Tetrachlorobenzene	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
1,2,4-Trichlorobenzene	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
1,3,5-Trichlorobenzene	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
1,3,5-Trinitrobenzene	ND(12)	ND(12)	ND(0.82)	ND(1.6)
1-Chloronaphthalene	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
1-Methylnaphthalene	2.1 J	29	ND(0.41)	0.083 J
2,4-Dimethylphenol	ND(6.0)	1.4 J	ND(0.41)	ND(0.81)
2,4-Dinitrophenol	ND(24)	ND(23)	ND(1.6)	ND(3.2)
2-Acetylaminofluorene	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
2-Chloronaphthalene	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
2-Chlorophenol	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
2-Methylnaphthalene	1.1 J	18	ND(0.41)	ND(0.81)
2-Methylphenol	ND(6.0)	0.63 J	ND(0.41)	ND(0.81)
3&4-Methylphenol	ND(6.0)	1.5 J	ND(0.41)	ND(0.81)
3,3'-Dichlorobenzidine	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
3,3'-Dimethoxybenzidine	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
3,3'-Dimethylbenzidine	ND(12)	ND(12)	ND(0.82)	ND(1.6)
3-Methylcholanthrene	ND(6.0)	ND(6.0)	ND(0.41)	0.098 J
3-Phenylenediamine	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
4,6-Dinitro-2-methylphenol	ND(18)	ND(18)	ND(1.2)	ND(2.4)
4-Aminobiphenyl	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
4-Chlorobenzilate	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
4-Nitrophenol	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
7,12-Dimethylbenz(a)anthracene	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
Acenaphthene	3.1 J	61	ND(0.41)	0.12 J
Acenaphthylene	ND(6.0)	1.3 J	ND(0.41)	0.16 J
Acetophenone	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
Aniline	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
Anthracene	11	98 E	ND(0.41)	0.68 J
Benzidine	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
Benzo(a)anthracene	33	120 E	0.15 J	2.5
Benzo(a)pyrene	24	99 E	0.18 J	2.8
Benzo(b)fluoranthene	48 Z	180 E	0.30 JZ	2.0
Benzo(g,h,i)perylene	14	40	0.073 J	1.1
Benzo(k)fluoranthene	48 Z	180 E	0.30 JZ	4.6
Benzoic Acid	ND(60)	ND(60)	ND(4.1)	ND(8.1)
bis(2-Chloroethyl)ether	ND(12)	ND(12)	ND(0.82)	ND(1.6)
bis(2-Ethylhexyl)phthalate	0.78 BJ	ND(6.0)	0.32 BJ	0.60 BJ
Butylbenzylphthalate	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Averaging Area:	4E	4E	4E	4E
Location ID:	Y-4	Y-5	Y-6	Y-7
Sample ID:	P2Y040406	P2Y050406	P2Y060406	P2Y070406
Sample Depth(Feet):	4-6	4-6	4-6	4-6
Parameter Date Collected:	06/05/91	06/06/91	06/11/91	06/06/91
Semivolatile Organics (continued)				
Chrysene	31	120 E	0.18 J	2.3
Cyclophosphamide	ND(29)	ND(29)	ND(2.0)	ND(4.0)
Dibenzo(a,h)anthracene	5.2	20	ND(0.41)	0.47 J
Dibenzofuran	ND(6.0)	47	ND(0.41)	0.13 J
Di-n-Butylphthalate	ND(6.0)	ND(6.0)	ND(0.41)	0.11 J
Di-n-Octylphthalate	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
Diphenylamine	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
Fluoranthene	55	260 E	0.18 J	4.2
Fluorene	5.9 J	67	ND(0.41)	0.19 J
Hexachlorobenzene	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
Indeno(1,2,3-cd)pyrene	13	39	0.062 J	1.1
Methapyrilene	ND(12)	ND(12)	ND(0.82)	ND(1.6)
Naphthalene	2.4 J	66	ND(0.41)	0.12 J
Nitrobenzene	ND(6.0)	ND(6.0)	0.10 J	ND(0.81)
N-Nitroso-di-n-propylamine	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
N-Nitrosodiphenylamine	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
o-Toluidine	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
p-Dimethylaminoazobenzene	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
Pentachlorobenzene	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
Pentachloronitrobenzene	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
Pentachlorophenol	ND(12)	ND(12)	ND(0.82)	ND(1.6)
Phenacetin	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
Phenanthrene	64	270 E	0.080 J	2.6
Phenol	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
Pronamide	ND(6.0)	ND(6.0)	ND(0.41)	ND(0.81)
Pyrene	54	180 E	0.21 J	4.4
Total Phenols	0.20	14	ND(0.13)	ND(0.11)
Organochlorine Pesticides				
4,4'-DDE	ND(0.043)	ND(0.17)	ND(0.0034)	ND(0.0035)
Aldrin	ND(0.012)	ND(0.048)	ND(0.0010)	ND(0.0010)
Delta-BHC	ND(0.012)	ND(0.048)	ND(0.0010)	ND(0.0010)
Dieldrin	ND(0.018)	ND(0.073)	ND(0.0015)	ND(0.0015)
Endosulfan II	ND(0.043)	ND(0.17)	ND(0.0034)	ND(0.0035)
Methoxychlor	ND(0.043)	ND(0.17)	ND(0.0034)	ND(0.0035)
Toxaphene	ND(0.24)	ND(0.97)	ND(0.020)	ND(0.020)
Organophosphate Pesticides				
None Detected	–	–	–	–
Herbicides				
2,4,5-T	NA	ND(0.025)	ND(0.031)	ND(0.031)
2,4,5-TP	NA	ND(0.025)	ND(0.031)	ND(0.031)
2,4-D	NA	ND(0.10)	ND(0.13)	ND(0.12)
Furans				
2,3,7,8-TCDF	ND(0.0013)	NA	NA	NA
TCDFs (total)	ND(0.0013)	NA	NA	NA
1,2,3,7,8-PeCDF	NA	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA	NA
PeCDFs (total)	ND(0.0010)	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA
HxCDFs (total)	ND(0.00097)	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA
HpCDFs (total)	ND(0.0018)	NA	NA	NA
OCDF	ND(0.0015)	NA	NA	NA
Dioxins				
2,3,7,8-TCDD	ND(0.0010)	NA	NA	NA
TCDDs (total)	ND(0.0012)	NA	NA	NA
1,2,3,7,8-PeCDD	NA	NA	NA	NA
PeCDDs (total)	ND(0.0019)	NA	NA	NA
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA
HxCDDs (total)	ND(0.0017)	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA
HpCDDs (total)	ND(0.0016)	NA	NA	NA
OCDD	ND(0.0016)	NA	NA	NA
Total TEQs (WHO TEFs)	NC	NA	NA	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

	Averaging Area:	4E	4E	4E	4E
	Location ID:	Y-4	Y-5	Y-6	Y-7
	Sample ID:	P2Y040406	P2Y050406	P2Y060406	P2Y070406
	Sample Depth(Feet):	4-6	4-6	4-6	4-6
Parameter	Date Collected:	06/05/91	06/06/91	06/11/91	06/06/91
Inorganics					
Aluminum		8340	6030	8350	19300
Antimony		ND(2.60) *	ND(2.80) *	ND(2.80) *	ND(2.50) *
Arsenic		22.3	10.1 N	3.60 QN	5.30 N
Barium		8720 N*	135 N*	61.7 N*	94.2 N*
Beryllium		0.600	0.240 B	0.270 B	0.500 B
Cadmium		2.00	3.10	0.590 B	1.20
Calcium		40500	18100	8560	44700
Chromium		17.2	30.8	16.2	14.2
Cobalt		7.20	5.90 B	9.10	8.10
Copper		237	527	126	191
Cyanide		NA	NA	NA	NA
Iron		17700 E	18700 E	26800 E	23000 E
Lead		140 *	769 *	695 *	90.2 *
Magnesium		7560	4520	6170	24800
Manganese		291	250	303	1530
Mercury		ND(0.110) *	0.140 *	ND(0.110) *	ND(0.110) *
Nickel		19.0 E	20.6 E	18.0 E	12.0 E
Potassium		715	408 B	634	2240
Selenium		ND(0.350) W	ND(0.380) W	ND(0.380) W	ND(0.340) W
Silver		ND(0.580) N	ND(0.630) N	ND(0.620) N	ND(0.560) N
Sodium		195 B	157 B	194 B	664
Sulfide		180	189	ND(12.5)	274
Thallium		ND(0.350)	ND(0.380) W	ND(0.380) W	ND(0.340) W
Tin		NA	NA	NA	NA
Vanadium		20.5	18.3	14.9	25.0
Zinc		2090 *	656 *	178 *	140 *

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. NC - Not Calculated. Insufficient data to calculate TEQs.
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.
E - Analyte exceeded calibration range.
J - Indicates that the associated numerical value is an estimated concentration.
X - Estimated Maximum Possible Concentration
Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.
Z - Coeluting indistinguishable isomers could not be chromatographically resolved in the sample.
g - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.
v - Indicates an elevated detection limit due to chemical interference.

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.
Q - Indicates furnace matrix spike analysis was outside control limits.
W - GFAA Analytical spike recovery outside of range of 85% to 115% in a sample which exhibits a low concentration of analyte. Unspiked response must be < 50% of spiked sample response.
* - Indicates laboratory duplicate analysis was outside control limits.