

*Pre-Design Investigation Work Plan
for the East Street Area 2-South
Removal Action*

General Electric Company
Pittsfield, Massachusetts

October 2001

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01-0432

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

October 26, 2001

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 Work Plan**

Dear Mr. Olson:

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

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

Very truly yours,

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

Enclosure

U:\MEG91\6221199.doc

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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 governs (among other things) the performance of response actions to address polychlorinated biphenyls (PCBs) and other hazardous constituents in soils, sediment, and groundwater in several Removal Action Areas (RAAs) located in or near Pittsfield, Massachusetts, that are included within the GE-Pittsfield/Housatonic River Site (the Site). In addition, the CD requires the performance of a number of specified natural resource restoration/enhancement actions in various portions of the Site.

The CD and the accompanying *Statement of Work for Removal Actions Outside the River (SOW)* (Volume I of Appendix E to the CD) provide for the performance of numerous Removal Actions at the Site in areas located outside the Housatonic River. This *Pre-Design Investigation Work Plan for the East Street Area 2-South Removal Action (PDI Work Plan)* describes the investigations proposed for the East Street Area 2-South RAA -- located within GE's Pittsfield facility -- to support the subsequent evaluation and design of the soil-related Removal Action for this RAA. (East Street Area 2-South is generally depicted on Figure 1.) The results of these investigations, in combination with usable information from prior investigations within East Street Area 2-South, will support the development of a Conceptual Removal Design/Removal Action (RD/RA) Work Plan. Following EPA approval of that document, GE will then prepare a final RD/RA Work Plan for this Removal Action.

This PDI Work Plan includes a summary of available soil information related to East Street Area 2-South, an assessment of the adequacy of this information to characterize this area (relative to the investigation requirements established in the CD and SOW), and a proposal for additional soil investigations. Although the CD and SOW establish Performance Standards for response actions relating to soil, groundwater, and non-aqueous-phase liquid (NAPL), this PDI Work Plan focuses only on pre-design activities related to soils. Response actions related to groundwater and NAPL at East Street Area 2-South are being addressed separately as part of activities for the Plant Site 1 Groundwater Management Area (GMA 1) pursuant to the CD and SOW.

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. Among other things, the DEDA requires GE to construct a youth athletic field and associated facilities, for lease to the City, in the northeastern portion of East Street Area 2-South. This portion of East Street Area 2-South is referred to as the Future City Recreational Area and is generally shown on Figure 1. Based on the timing for the construction of the Future City Recreational Area, certain activities for that portion of East Street Area 2-South were previously initiated. Specifically, between January 17 and February 1, 2001, GE performed pre-design soil investigations in and around this area and summarized the results in a document entitled *Pre-Design Investigation Report for Portion of East Street Area 2-South: Future City Recreational Area*, dated April 2001. These pre-design investigations were conducted consistent with the requirements of the SOW and in consideration of the Performance Standards outlined in the CD and the SOW for the Future City Recreational Area. In general, these standards call for the installation of a minimum 1-foot-thick soil cover on top of the existing soils preceded by the performance of RD/RA activities, as necessary, for soils that are currently present within the uppermost 2 feet of the area. An RD/RA Work Plan for this area will be submitted to EPA in early December 2001.

As indicated above, the specific response actions required for the Future City Recreational Area relate to the uppermost 2 feet of existing soils. Existing soils in this area at depths greater than 2 feet are to be considered as part of the Removal Action for the remainder of East Street Area 2-South. However, the pre-design soil investigations for soils greater than 2 feet within this specific area have already been performed by GE and summarized in the aforementioned Pre-Design Investigation Report for the Future City Recreational Area. As a result, no further proposals for soil investigations in this area of East Street Area 2-South are included herein.

1.2 Format of Document

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

2. Background Information

2.1 General

This section of the PDI Work Plan provides a general summary of information concerning East Street Area 2-South, with an emphasis on the soil analytical data available from prior investigations performed by GE in this area. Section 2.2 describes East Street Area 2-South, while Section 2.3 summarizes the prior soil investigations and the available soil analytical data. Several tables and figures are included in this PDI Work Plan to supplement the information presented in this section.

2.2 Description of East Street Area 2-South

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 the Lyman Street Area to the west.

The western portion of this area consists of a collection of GE buildings referred to as the 60s Complex, and is otherwise mostly paved. In addition, a portion of the western part of East Street Area 2-South (extending from Buildings 63, 63X, and 65 eastward for approximately 400 feet) was formerly utilized as a scrap metal crushing, sorting, and storage area (see Figure 1). This approximate 2-acre area, also known as the Materials Reclamation Center, is currently covered by asphalt and concrete. A small occurrence of light NAPL has been observed in this scrapyard area, south of Building 64.

The central portion of East Street Area 2-South contains a former Housatonic River oxbow (former Oxbow H) that was formed when the river meandered through this area (see Figure 1). Rechannelization and straightening of the Housatonic River in the early 1940s by the City of Pittsfield and United States Army Corps of Engineers separated several oxbows (including former Oxbow H) and low-lying areas from the active course of the river. The oxbow and adjacent low-lying areas were subsequently filled with various materials from a variety of sources, resulting in the surface elevations and topography evident today. This area currently consists mostly of open areas, with a relatively small wooded area located south of the former oxbow.

A coal gas manufacturing facility and related operations occupied a portion of the central and eastern part of East Street Area 2-South prior to GE's purchase of the property in or about 1973. Specifically, the Pittsfield Coal Gas Company, later known as the Berkshire Gas Company, operated a coal gas manufacturing plant and storage facility and disposal areas within this portion of East Street Area 2-South and adjacent areas from approximately 1905 until 1955. The byproducts generated by this plant included coal and oil tars, iron oxide chips, heavy sludges, and cinders. Prior to the sale of the former gas plant property to GE in or about 1973, most of the remaining coal gas manufacturing facilities were demolished. In a letter dated March 29, 1990, MDEP issued a Notice of Responsibility to the Berkshire Gas Company under Massachusetts General Laws Chapter 21E and the Massachusetts Contingency Plan (MCP) for releases of oil and hazardous materials at and from East Street Area 2-South and adjacent areas.

The easternmost portion of East Street Area 2-South consists of open, grassy areas and is the portion where the Future City Recreational Area will be located (see Figure 1).

NAPL is present in the subsurface within the central to eastern portion of East Street Area 2-South. GE operates nine active NAPL and groundwater recovery wells and a groundwater treatment facility within this area, and is conducting additional groundwater and NAPL-related investigations and response actions under its Plant Site 1 GMA program.

In accordance with the SOW, East Street Area 2-South has been divided into five sub-areas, which will serve as averaging areas for attaining the Performance Standards. These sub-areas, which were established based on past, current, or potential future uses and conditions associated with each, are shown on Figure 1. They consist of the following:

- 200-Foot-Wide Riparian Removal Zone ("200-Foot RRZ"): This area consists of a strip of land approximately 200 feet wide extending along the southern edge of East Street Area 2-South adjacent to the riverbank from the approximate location of the former Thermal Oxidizer to the downstream end of this RAA. As discussed further below, this strip will be subject to installation of a vegetative engineered barrier (except to the extent that recreational cleanup standards are met) and to the planting of vegetation and placement of certain habitat enhancement items as part of natural resource restoration/enhancement activities.
- 60 Complex: This area consists of the remainder of the 60s Complex that is not included within the 200-Foot RRZ.
- 200-Foot-Wide Industrial Averaging Strip: This area consists of a strip of land approximately 200 feet wide extending along the southern edge of East Street Area 2-South from the upstream end of this RAA to the 200-Foot RRZ. This strip will be considered to remain in industrial use, but will remain mainly grassy and GE is required by the SOW to place certain habitat enhancement items in this strip.
- Former Gas Plant/Scrapyard Area. 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 Future City Recreational Area. This area contains the former scrapyard area, the former oxbow area, and the area of Berkshire Gas's former gas manufacturing plant and associated facilities.
- Future City Recreational Area. This area, located in the northeastern corner of East Street Area 2-South, is where GE is required to construct a youth athletic field and associated facilities for lease to the City. As noted above, GE has previously completed the pre-design soil investigations in this area.

As described in later sections of this PDI Work Plan, each of these averaging areas will be evaluated during future RD/RA-related activities for East Street Area 2-South.

2.3 Summary of Available Soil Analytical Data

Over more than the past decade, GE has conducted numerous investigations of PCBs and other constituents present in the soils within East Street Area 2-South. These included investigations conducted in the 1990s pursuant to an Administrative Consent Order executed by GE and MDEP in 1990 pursuant to the MCP and/or a Resource Conservation and Recovery Act (RCRA) corrective action permit issued by EPA to GE effective in January 1994. Other soil-related investigations were conducted in connection with GE's Removal Action for the Building 68 Area, investigations related to the implementation of source control measures in the portions of East Street Area 2-South adjacent to the Housatonic River, and the recent pre-design investigations for the Future City Recreational Area.

Information concerning East Street Area 2-South, and in particular the results of the prior soil investigations, have been presented in numerous reports to EPA and/or MDEP under those programs. The primary documents that provide such information and soil investigation results include:

- *MCP Interim Phase II Report and Current Assessment Summary for East Street Area 2/USEPA Area 4*, Blasland, Bouck & Lee, Inc. (BBL), August, 1994;
- *Addendum to Phase II/RFI Proposal - East Street Area 2/USEPA Area 4*, Golder Associates, May, 1996;
- *Immediate Response Action Plan for Building 68 Area*, BBL, October 1996;
- *Revised Addendum to MCP Supplemental Phase II Scope of Work and Proposal for RCRA Facility Investigation of East Street Area 2/USEPA Area 4*, BBL, September 1998;
- *Source Control Investigation Report; East Street Area 2*, HSI GeoTrans, Inc., January 1999;
- *Proposal for Supplemental Source Control/Recovery Measures*, BBL, January 1999;
- *DNAPL Assessment; East Street Area 2 Site; Pittsfield, Massachusetts; Addendum*, HSI GeoTrans, Inc., October 1999;
- *Completion of Work Report for Building 68 Removal Action*, BBL, February 2000; and
- *Pre-Design Investigation Report for Portion of East Street Area 2-South: Future City Recreational Area*, BBL, April 2001.

The investigations previously performed by GE and described in the reports listed above have produced a substantial amount of soil analytical data for East Street Area 2-South. Subject to certain conditions, the CD and SOW allow this information to be incorporated into the pre-design soil investigations for East Street Area 2-South. Section 4.2 of this PDI Work Plan describes the process by which these data were evaluated and included in the development of the proposed pre-design investigations. To facilitate the presentation and use of these prior data, Figure 2 illustrates the prior sampling locations. The majority of the prior investigations performed by GE have been focused on PCBs; the soil sampling locations and depths previously sampled for PCBs during these investigations are listed in Table 1. In addition, a number of the soil samples collected during these prior investigations were analyzed for one or more groups of non-PCB constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents (benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine) (Appendix IX+3). The soil sampling locations and depths previously sampled for these non-PCB Appendix IX+3 constituents, along with the groups of such constituents that were analyzed for, are listed in Table 2. Appendix B contains the analytical results from all of these prior samples. An assessment of the general usability of these data to support RD/RA activities for the East Street Area 2-South Removal Action is presented in Section 4.2.

3. Applicable Performance Standards and Related Requirements

3.1 General

This section of the PDI Work Plan describes the soil-related Performance Standards contained in the CD and SOW that are applicable to East Street Area 2-South, and summarizes the pertinent pre-design soil investigation requirements. It also includes a summary of the Performance Standards under the CD and SOW related to natural resource restoration/enhancement activities within East Street Area 2-South.

3.2 Performance Standards for East Street Area 2-South Removal Action

Response actions for soils at East Street Area 2-South must achieve the relevant Performance Standards included in the CD and SOW for the GE Plant Area. The Performance Standards for soils at the GE Plant Area are set forth in Paragraph 25 of the CD and Section 2.2.2 of the SOW. Those that are relevant to the East Street Area 2-South Removal Action are described in detail in Appendix A to this PDI Work Plan.

For purposes of this PDI Work Plan, several points regarding these Performance Standards should be highlighted:

- The response actions needed to address PCBs in soils will be determined based on spatial average PCB soil concentrations for the specific averaging areas identified for East Street Area 2-South in Attachment E to the SOW (or, for the top foot of soil, alternate averaging areas, as described in Attachment E to the SOW).
- For purposes of these Performance Standards, all averaging areas within East Street Area 2-South are considered "industrial areas," except for the 200-Foot RRZ and the upper 3 feet of the Future City Recreational Area (after installation of the soil cover), both of which are considered "recreational areas."
- To address PCBs in soil in the industrial areas within East Street Area 2-South, GE will be required to achieve the commercial/industrial Performance Standards in the CD and SOW which set forth different PCB cleanup levels for the top foot of soil, the 1- to 6-foot depth increment, and the top 15 feet of soil, and prescribe remediation requirements that vary depending on whether a given area is paved or unpaved and is located within or outside the 100-year floodplain of the Housatonic River. These Performance Standards are detailed in Appendix A hereto.
- In the 200-Foot RRZ, GE is required to remove all concrete/asphalt/gravel surfaces, existing buildings/structures (except for the 64W oil/water separator), and underlying soil (if any) to a total depth of 1 foot, and install a 1-foot-thick vegetative engineered barrier, except that such a barrier is not needed in any discrete portion of this RRZ where the existing spatial average PCB concentrations meet the recreational cleanup standards of 10 ppm in the top foot, 15 ppm in the 1- to 3-foot depth increment, and 100 ppm in the top 15 feet (provided that the effectiveness of the barrier is not compromised by discontinuities in the barrier).
- The Performance Standards for the Future City Recreational Area require installation of a soil cover that is a minimum of 1-foot-thick and achievement of a spatial average PCB concentration of 15 ppm in the next 2-foot depth increment. The remaining, deeper soil is to be evaluated as part of the response action evaluation for the overall averaging area that contains the Future City Recreational Area (i.e., the Former Gas Plant/Scrapyard).

Area). As noted above, GE will address the required response actions for this area in a separate RD/RA Work Plan to be submitted in December 2001.

- To address the presence of Appendix IX+3 constituents other than PCBs in soils at East Street Area 2-South, an evaluation of such constituents will be conducted for each of the averaging areas within this RAA, taking into account the necessary response actions to address PCBs. This evaluation will be conducted in accordance with the protocols described in Attachment F to the SOW, and shall comply with certain Performance Standards for such constituents as presented in Appendix A hereto.

3.3 Soil Sampling Requirements

To achieve the Performance Standards discussed in Section 3.2 above and further detailed in Appendix A of this PDI Work Plan, Section 2.2.3 and Attachment D of the SOW establish specific requirements for soil sampling at the GE Plant Area.

The applicable soil sampling requirements for East Street Area 2-South (excluding the Former City Recreational Area, where the sampling has been completed) include the following:

1. For the unpaved portions of the industrial areas, soil samples for PCB analysis must be collected within an approximate 100-foot grid-based sampling pattern, taking into account the usable existing data. At each such location, soil samples must be collected and analyzed, to the extent practical given the conditions in the area, to represent the 0- to 1-foot, 1- to 6-foot, and 6- to 15-foot depth increments, except where usable data already exist for the pertinent depth interval at or near the grid node in question. More detailed criteria for determining the adequacy of existing data to satisfy these sampling requirements are set forth in Section 2.1.1 of Attachment D to the SOW.
2. For paved portions of the industrial areas, soil sampling for PCB analysis must be conducted with an emphasis on those areas where limited data currently exist, and with the objective of collecting additional samples at an approximate frequency representing a ratio of 170 borings for 110 acres of paved area within the GE Plant Area (i.e., approximately two locations per paved acre), as specified in Section 2.2.3 and Attachment D (Section 2.1.2) of the SOW. At each of these sampling locations, soil samples must be collected from the same depth intervals specified for unpaved industrial areas (i.e., the 0- to 1-foot, 1- to 6-foot, and 6- to 15-foot depth increments), as measured from the base of the pavement.
3. For the 200-Foot RRZ, the SOW does not specify any sampling requirements for portions of that zone where a vegetative engineered barrier will be installed. However, for portions of the 200-Foot RRZ where a vegetative engineered barrier may not need to be installed, soil samples for PCB analysis must be collected from the top foot of soil on an approximate 50-foot grid-based sampling pattern and from the 1- to 3-foot, 3- to 6-foot, and 6- to 15-foot depth increments on an approximate 100-foot grid-based sampling pattern. These depth increments are considered to apply to the soil that remains after the removal of the existing pavement, concrete, and building slabs within this zone.
4. At each of the above areas, certain soil samples must be analyzed for other (non-PCB) Appendix IX+3 constituents, selected in accordance with the protocols described in Attachment D (Section 2.1.1) of the SOW. Specifically, the total number of non-PCB Appendix IX+3 analyses must be approximately one-third the number of PCB samples required to characterize this area and must be approximately evenly distributed between surface soil samples (from the top foot of soil) and subsurface soils (from the various deeper intervals). The actual selection of sample locations and depths for Appendix IX+3 analyses is to be based on the spatial

distribution of the available data and may be modified based on field observations at the time of sampling (e.g., photoionization detector (PID) readings, evidence of staining, etc.).

Only the non-riverbank portions of East Street Area 2-South will be addressed by this Removal Action. The riverbank portions (illustrated on Figure 2) were either previously addressed by the Building 68 Area Removal Action or are subject to a separate Removal Action under the CD -- the Upper ½ Mile Reach Removal Action. Also, as stated previously, the necessary response actions within the Future City Recreational Area will be proposed and implemented under a separate ongoing program.

3.4 Performance Standards for Natural Resource Restoration/Enhancement Activities

Attachment I of the SOW sets forth the Performance Standards and other requirements for the natural resource restoration/enhancement activities that must be carried out at the Site. These include Performance Standards and other requirements for the 200-Foot RRZ, as well as for the 200-Foot Wide Industrial Averaging Strip discussed above (see Figure 1). In connection with the response actions for these areas, GE is required to enhance the habitat in these strips through the planting of herbaceous vegetation in the 200-Foot RRZ and placement of other items in these areas. Specifically, the Performance Standards for these areas are as follows:

- In the 200-Foot RRZ, GE shall plant a herbaceous native grassland community on the surface of the vegetative barrier or cap using a seed mixture of native grass and wildflower species.
- In addition to the vegetative enhancements, GE shall place uncontaminated stumps and rock piles randomly throughout the vegetated areas of the 200-Foot RRZ to provide habitat for fossorial and ground-dwelling wildlife. Further, GE shall place bluebird boxes along the edges of the 200-Foot RRZ.
- In the 200-Foot-Wide Industrial Averaging Strip, GE shall place uncontaminated stumps and rock piles to provide habitat for fossorial and ground-dwelling wildlife.

To achieve the foregoing Performance Standards, Attachment I to the SOW sets forth more specific requirements relating to these activities. Based on review of those requirements, there is no need for any additional pre-design investigations relating to these natural resource restoration/enhancement activities (beyond those required to allow the RD/RA evaluations for the response actions in this RAA).

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

4.1 General

As summarized in Section 3.3 of this PDI Work Plan, the SOW establishes soil investigation requirements to support the performance of RD/RA activities and achievement of applicable Performance Standards for soils within East Street Area 2-South. This section of the work plan considers these requirements -- and the soil data that are currently available from prior investigations in this area -- to identify the necessary pre-design soil investigations for East Street Area 2-South. Section 4.2 summarizes the available soil analytical data and provides a general assessment regarding its usability for pre-design and subsequent RD/RA activities, while Section 4.3 identifies the remaining sampling data that need to be obtained to satisfy the SOW pre-design investigation requirements. Sections 4.4 and 4.5 summarize the proposed pre-design investigations and sampling procedures, respectively.

The Data Quality Objective (DQO) for the pre-design investigations is to collect the necessary soil analytical data on PCBs and other Appendix IX+3 constituents to meet the soil sampling requirements set forth in the SOW, and thus achieve the applicable Performance Standards. The application of the data resulting from the required soil investigations, together with the usable prior data, to achieve the Performance Standards will be initially presented in the Conceptual RD/RA Work Plan for the East Street Area 2-South Removal Action.

4.2 Assessment of Existing Soil Analytical Data for Usability

The existing soil samples from East Street Area 2-South, excluding the samples from within the Future City Recreational Area, are listed in Tables 1 and 2, and the analytical data from those samples are summarized in Appendix B. These data have been reviewed to assess their usability to support future RD/RA activities for this area. As provided in Attachment D to the SOW, the criteria for determining the usability of existing data to support RD/RA activities include: (1) an evaluation of whether such data reflect the appropriate locations and depth increments necessary to meet the soil sampling requirements specified in the SOW and to apply the Performance Standards for the Removal Action in question; and (2) an assessment of the quality of such data in terms of quality assurance/quality control. To perform this review, the existing soil analytical data were first reviewed to determine whether and to what extent they meet the spatial- and depth-related pre-design sampling requirements (i.e., their location and depth increments relative to the requirements of the SOW). The data that do so were then qualitatively assessed for overall analytical quality by reviewing the available documentation.

The existing soil PCB data consist of 968 samples. For these data, the usability assessment involved, at the outset, review of the depth increments from which the samples were taken, as well as a review of the sample locations in relation to the requisite grid sampling pattern and other pre-design soil sampling requirements. To maintain continuity with the pre-design investigation performed for the Future City Recreational Area, the 100-foot sampling grid established for that investigation was extended across the remainder of East Street Area 2-South, as depicted on Figure 3.

The review of the prior soil PCB data indicated that certain data are not consistent with the depth interval criteria described above, such as samples collected from depths of greater than 15 feet. Based on this review, 134 PCB samples were eliminated from further consideration. In addition, based on review of the available soil PCB data from the 200-Foot RRZ, GE identified a portion of that zone where a vegetative engineered barrier will definitely

need to be installed, and thus there is no need or requirement for the evaluation of existing sampling data or the collection of additional samples. This portion is located between the former Thermal Oxidizer and the Building 68 area and is shown on Figure 2. Accordingly, the existing PCB samples from that portion of the 200-Foot RRZ -- approximately 109 samples -- were excluded from further consideration. (As discussed further below, a vegetative engineered barrier may or may not need to be installed in the rest of the 200-Foot RRZ, depending on whether the existing and new sampling data indicate that the applicable recreational cleanup standards are met.)

Following the above exclusions, PCB data from the remaining approximately 725 prior soil samples are available for potential use to satisfy some of the pre-design investigation requirements and/or in future RD/RA evaluations. Specifically, subject to data quality review, those samples that meet the applicable pre-design soil sampling requirements (i.e., the grid-based sampling requirements for unpaved areas and the sampling frequency requirements for paved areas) can be used to satisfy such requirements, while the other samples can be utilized as supplemental data in future RD/RA activities.

The data from these 725 PCB samples were then assessed for overall analytical quality. This assessment revealed the following:

- For 238 PCB sample results, full laboratory data packages were available. These data packages were reviewed for completeness, the analytical techniques used, and the identification of any apparent method or analytical discrepancies or other significant data quality issues noted in the data packages that could render the data unusable. Review of that documentation showed no deficiencies that would preclude use of these PCB data in the response actions evaluations for this RAA. Hence, these data are considered usable either to satisfy pre-design investigation requirements (if the requisite locational criteria are met) or as supplemental data in future RD/RA activities.
- For 347 PCB sample results, only a standard laboratory reporting form or other partial documentation is available. However, the information included in this documentation is sufficient to identify the analytical methods that were utilized and the associated detection limits. Based on review of this documentation, the data from 82 samples, which were analyzed prior to 1991, were eliminated from consideration on one or more of the following grounds: (a) use of an analytical method that is not comparable to the current method; (b) the reporting of only total PCBs (not Aroclors); and/or (c) the lack of identification of the analytical method used. The remaining 265 PCB sample results in this category, which were analyzed in or after 1991, are considered usable both to satisfy pre-design investigation requirements and for future RD/RA activities for the following reasons:
 - (1) The reporting form confirms the date of sample analyses and thus the analytical methodologies being used at that time;
 - (2) Those analytical methodologies are consistent with current procedures;
 - (3) The reporting form is a laboratory-generated document and thus incorporates certain inherent QA checks performed by the laboratory concerning data quality; and
 - (4) Review of other PCB data collected during the same period and analyzed by the same method for which full laboratory data packages are available indicates that those data are usable, thus suggesting that the PCB analyses from this time period and using the same method are generally of sufficient quality for use in RD/RA evaluations.

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- For approximately 140 PCB sample results collected primarily during the late 1980s to early 1990s, no form of laboratory documentation was located. The only documentation found consisted of data summary tables included as part of prior investigation reports for East Street Area 2-South. Despite the lack of laboratory documentation of these samples, GE proposes to use approximately 37 of the sample results which were collected in 1991 or later, since based on the other PCB sample results from this time frame for which laboratory documentation has been reviewed, there is no reason to believe that these PCB data would not be suitable for use in RD/RA evaluations. However, as a conservative measure, GE will only utilize these results as supplemental data, and will not use these data to satisfy specific pre-design soil investigation requirements (e.g., grid-based sample nodes). The samples collected prior to 1991 will not be utilized in RD/RA evaluations at all because the majority of the laboratory documentation that has been reviewed from this period indicates that these data are not usable.

Thus, based on the above-described assessment, PCB data from 540 prior soil samples are considered usable for pre-design and/or RD/RA purposes. As described in Section 4.3, many of these existing sample results can be used to satisfy the pre-design investigation requirements for East Street Area 2-South. The remaining PCB data will not be used specifically to meet those requirements, but will be utilized as supplemental data in future RD/RA evaluations (unless further data quality review reveals any deficiencies in those data).

For non-PCB Appendix IX+3 constituents, data are available from 191 soil samples for one or more groups of such constituents. Of these samples, the data from 37 samples were eliminated from consideration as having been collected from sample depth increments that cannot be used in RD/RA evaluations for this area (e.g., depths greater than 15 feet below the ground surface or composite samples over relatively large depths), and an additional 20 samples were excluded as having been collected from the portion of the 200-Foot RRZ where a vegetative engineered barrier will definitely be needed. The remaining data (134 samples) were then reviewed for overall analytical quality, with the following results:

- For 120 of these samples, full laboratory data packages are available for one or more groups of Appendix IX+3 constituents. Specifically, data packages are available for 92 volatile organic compound (VOC) analyses, 93 semi-volatile organic compound (SVOC) analyses, 87 inorganic analyses, and 50 polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) analyses. These data packages were reviewed for completeness and the analytical techniques used, as well as to identify any apparent discrepancies or other significant data quality issues noted by the analytical laboratory that would seem likely to render the data unusable. Review of this documentation revealed the need to eliminate from consideration the data for certain constituent groups from some of these samples. Notably, the analytical results for PCDDs and PCDFs from 16 of these samples cannot be used in RD/RA evaluations because they include only total homologue concentrations and not the results for all 2,3,7,8-substituted congeners, and hence toxicity equivalency quotients (TEQs) cannot be calculated. For the remaining data in this category, review of the laboratory documentation revealed no deficiencies of the type that, based on GE's prior assessment of similar data, seem likely to cause these data to be rejected; and thus these data appear to be of acceptable quality for use in future RD/RA evaluations. Accordingly, GE proposes to use these remaining data to satisfy the pre-design investigation requirements for non-PCB constituents. (It should also be noted that, in addition to the above data, data packages are available for 53 sample analyses for pesticides and herbicides. However, as discussed in Section 4.4, GE is proposing to omit analyses for pesticides and herbicides from the pre-design investigations for this RAA.)
- For the remaining Appendix IX+3 data, only a standard laboratory data form or no laboratory documentation could be obtained. These sample results have not been considered in the calculation of the required number of non-PCB Appendix IX+3 analyses (i.e., approximately one-third the number of PCB sample results). GE will consider the usability of these data within the context of future RD/RA evaluations. Under the CD and

SOW, the need for and extent of additional response actions to address non-PCB constituents in soil are to be evaluated once the response actions to address PCBs have been determined. Hence, it is not possible to determine at this time whether specific samples (or analyte groups from samples) for which laboratory documentation is limited or unavailable may be critical in determining the need for additional response actions to address non-PCB constituents. For example, some of these sample locations may be addressed through the response actions identified for PCBs. Hence, the issue of whether to use the non-PCB data from these samples will be re-evaluated in the Conceptual RD/RA Work Plan after the PCB-related response actions have been defined.

Appendix B summarizes the available soil data for East Street Area 2-South (again excluding the data from within the Future City Recreational Area), while Tables 1 and 2 categorize these data based on their proposed use related to pre-design and future RD/RA activities. Specifically, the prior data are categorized into one of the following seven categories:

- PCB and non-PCB Appendix IX+3 data from the portion of the 200-Foot RRZ where a vegetative engineered barrier will definitely need to be installed (as shown on Figure 2) (designated "None (RRZ Eng. Barrier)");
- PCB data from unpaved areas that will be used to satisfy grid-based pre-design soil investigation requirements (designated "Grid Characterization");
- PCB data from paved areas that will be used to satisfy the pre-design soil investigation requirements (designated "Paved Area Characterization");
- PCB data that have not been incorporated into the proposed grid-based or paved area pre-design investigations, but will be used in the RD/RA evaluations (designated "Supplemental");
- Non-PCB Appendix IX+3 data that will be used to satisfy pre-design investigation requirements for such constituents and will be incorporated into future RD/RA activities (designated "Appendix IX Characterization");
- Non-PCB Appendix IX+3 data that will not be used to satisfy pre-design investigation requirements for such constituents, but may be incorporated into future RD/RA activities following review of laboratory documentation (if any) and determination of future PCB response actions (designated "Appendix IX Supplemental"); or
- Data that have not been incorporated into the proposed pre-design investigations and will not be used in any future RD/RA activities (designated "Rejected").

4.3 Identification of Pre-Design Data Needs

Based on review of the applicable Performance Standards and soil sampling requirements for East Street Area 2-South, together with the assessment of existing available data presented in Section 4.2, certain data needs have been identified related to the soil characterization requirements specified in the SOW. These data needs were identified for several types of areas within East Street Area 2-South, including unpaved industrial areas, paved industrial areas (including areas that are currently occupied by buildings subject to future demolition), and the 200-Foot RRZ. (As noted above, the pre-design investigations for the Future City Recreational Area have been completed, and hence there are no data needs in that area.)

In evaluating the extent to which existing usable PCB data can satisfy the pre-design soil sampling requirements, it was assumed, consistent with other pre-design investigations performed pursuant to the CD and SOW, that: (1) an existing sample location will represent a sample grid node if it is located no more than one-half of the grid node spacing from the sample node in question (e.g., within a 100-foot sample grid pattern, an existing sample location that is within 50 feet of a grid node was used to represent that grid node); and (2) existing sample depths will satisfy a depth interval requirement if the existing depth(s) constitute 50% or more of the depth requirement.

4.3.1 PCB Data Needs in Unpaved Industrial Areas

To identify the additional soil sampling data needs for PCBs in unpaved portions of the industrial areas of East Street Area 2-South (i.e., excluding unpaved portions of the 200-Foot RRZ and the Future City Recreational Area), a 100-foot grid pattern was established, as illustrated on Figure 3, by extending the grid pattern that was utilized for pre-design investigations at the Future City Recreational Area. Based on this sampling grid, there is a need for sampling data from 90 sample locations within these unpaved industrial areas. These include 90 surface soil samples and 180 subsurface soil samples. As shown in Table 3, based on review of the existing data, soil PCB data from 33 sample locations, including 33 surface soil samples and 55 subsurface soil sample sets (from depths between one and 15 feet below ground surface) are available to satisfy certain of the pre-design requirements. Hence, there is a need for an additional 57 surface soil samples and for an additional 125 subsurface soils samples (from various depth increments) to meet the pre-design requirements for PCBs. The existing data and their sampling locations were taken into account, in conjunction with the sampling grids, in selecting locations for additional PCB sampling. (It should be noted that these numbers do not include the samples from within the Future City Recreational Area, since the pre-design investigations in that area have been completed. As noted above, the existing data from that area at depths greater than 2 feet (3 feet after installation of the soil cover) will be used in the response action evaluations for soils at depths greater than 3 feet in the overall averaging area that includes the Future City Recreational Area -- i.e., the Former Gas Plant/Scrapyard Area.)

4.3.2 PCB Data Needs in Paved Industrial Areas

For paved portions of the industrial areas, the required sampling density specified in the SOW calls for the collection of approximately two sample locations per paved acre, as described in Section 3.3 above. East Street Area 2-South currently contains a paved area of approximately 13.3 acres, excluding the paved portions of the 200-Foot RRZ, which will be addressed under a separate Performance Standard and is further described below. Therefore, approximately 27 soil borings (with three samples from each) will be required to satisfy the paved area characterization requirements for these currently paved areas. However, usable prior PCB soils data from 22 sampling locations (approximately 117 samples) in paved areas are available and satisfy most of the paved area characterization requirements for RD/RA activities. These existing data and their sampling locations were taken into account in selecting locations for additional sampling for PCB analysis.

In addition to these currently paved areas, approximately 6.1 acres of East Street Area 2-South are presently covered by buildings that are subject to demolition in the future, including approximately 1.9 acres of buildings located within the 200-Foot RRZ, as illustrated on Figure 3. The buildings to be demolished which are located outside of the 200-Foot RRZ will be treated as paved areas for the purposes of pre-design investigations. Therefore, since there are approximately 4.2 acres of such buildings, approximately eight soil borings (with three samples from each) are required to address the areas covered by buildings to be demolished, or approximately one soil boring per building.

4.3.3 PCB Data Needs in 200-Foot-Wide Riparian Removal Zone

As discussed above, the Performance Standards established in the CD and SOW for the 200-Foot RRZ require the removal of existing buildings, pavement, 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 this 1-foot barrier is not needed in discrete portions of this zone where the recreational cleanup standards are already met (i.e., less than 10 ppm PCB average in the top foot, 15 ppm PCB average in the 1- to 3-foot depth, and 100 ppm PCB average in the top 15 feet). As also noted above, based on a preliminary review of the available soils data, GE has determined that a vegetative engineered barrier will be installed in the portion of the 200-Foot RRZ located between the former Thermal Oxidizer and the Building 68 area -- i.e., the portion of the RRZ generally encompassed by grid columns 17 through 27 on Figure 3. Since the available soil data support this decision, no additional pre-design soil investigations are proposed for this portion of the RRZ. For the remainder of the 200-Foot RRZ, the available soil data suggest that the recreational cleanup standards might possibly be met and thus a vegetative engineered barrier may not be needed. To explore this possibility, GE has identified certain pre-design soil investigation data needs in these areas to support additional evaluations concerning the need for installation of a vegetative engineered barrier.

As specified in the SOW, for those portions of the 200-Foot RRZ where a vegetative engineered barrier may not be needed, pre-design investigations are required on both 50- and 100-foot sampling grids. For the 50-foot grid, samples must be collected from the uppermost 1 foot of soil that remains after removal of existing pavement, concrete, and building floor slabs. In addition, within a 100-foot sampling grid, soil samples must be collected from the following depth increments (again after removal of existing pavement, concrete, and floor slabs): 1 to 3 feet, 3 to 6 feet, and 6 to 15 feet. Based on these requirements, together with an estimate of those portions of the 200-Foot RRZ where a vegetative engineered barrier may not be needed, a total of 139 soil samples, consisting of 79 surface soil samples and 60 subsurface soil samples (from depths between one and 15 feet below ground surface), would be required from the grid nodes within these areas. However, as shown in Table 3, available PCB soils data from 19 sample sets (including 10 surface soil samples and 9 subsurface soil sample sets) are available to satisfy certain of these pre-design requirements. These existing data and their sampling locations were taken into account, in conjunction with the sampling grids, in selecting locations for additional sampling for PCB analysis.

At the present time, however, it would not be feasible to collect all the necessary remaining additional soil samples from these portions of the 200-Foot RRZ. Based on the pre-design sampling grid established for East Street Area 2-South (Figure 3), several of the required grid sampling nodes (approximately 24 surface soil nodes and six subsurface soil nodes) within these portions of the 200-Foot RRZ fall within the footprint of existing buildings. Since these buildings are not scheduled for demolition at any time in the near future, it would be very difficult to perform the required pre-design investigations. As a result, as discussed in Section 4.4 below, GE is proposing a modified scope of sampling for these areas, using an iterative approach, which would involve the collection of 91 additional soil samples from the 200-Foot RRZ at this time.

4.3.4 Non-PCB Data Needs

To identify additional data needs for non-PCB Appendix IX+3 constituents in soil at East Street Area 2-South, the general criteria discussed in Attachment D to the SOW were considered. Those criteria relate to the quantity and distribution of non-PCB Appendix IX+3 soil samples. Based on the above PCB assessment, a total of 485 surface and subsurface PCB samples are required at this time (taking into account the proposed iterative approach for portions of the 200-Foot RRZ) to satisfy the characterization requirements in areas outside the Future City Recreational Area. Accordingly, the number of non-PCB Appendix IX+3 analyses from such areas must be approximately one-third the number of PCB sample results, or a total of approximately 162 non-PCB Appendix IX+3 analyses. Of these samples, approximately half, or approximately 81 samples, must be collected from the

upper 1 foot. The remaining 81 samples should be relatively evenly distributed between the various applicable subsurface sampling intervals. However, as shown in Table 2, existing soils data from a number of prior samples that were analyzed for one or more groups of non-PCB Appendix IX+3 constituents (including approximately 15 surface soil samples and 78 subsurface soil samples) can be used to satisfy certain of the non-PCB Appendix IX+3 characterization requirements (these sample results are designated as "Appendix IX Characterization" in Table 2). These existing data, including their sampling locations, depths, and the groups of constituents analyzed for, were taken into account in selecting locations for additional sampling for non-PCB Appendix IX+3 analyses to provide, to the extent possible, spatial distribution of non-PCB Appendix IX+3 data at each depth interval across East Street Area 2-South.

4.4 Proposed Soil Sampling Activities

This section describes the pre-design soil sampling proposed by GE to satisfy the data needs identified in Section 4.3. To assist in understanding this proposed sampling effort, Figure 3 shows the applicable grids (100-foot grid for the unpaved industrial areas and 50-foot and 100-foot grids for the portions of the 200-Foot RRZ where a vegetative engineered barrier may not be needed) and the existing and proposed soil sampling locations that will satisfy the pre-design investigation requirements. Table 3 summarizes the existing and proposed soil sampling locations and depths that will collectively satisfy the grid-based PCB sampling requirements for the unpaved industrial areas and the portions of the 200-Foot RRZ where an engineered barrier may not be necessary. Table 4 presents an overall summary of the proposed pre-design soil sampling program, listing, on a sample-by-sample basis, the proposed sampling locations, depths, and analytical parameters. This program is further discussed below.

PCB Sampling in Unpaved Industrial Areas. For the unpaved portions of the industrial areas within East Street Area 2-South, as discussed in Section 4.3.1, there are a total of 90 sampling locations on the 100-foot grid, requiring a total of 90 PCB samples from the top foot and 180 PCB samples from subsurface depth intervals; and prior PCB soil data can be used to satisfy 88 of those sample requirements (33 surface soil samples and 55 subsurface soil sample sets). GE will collect soil samples for PCB analysis at the remaining locations and depths where grid-based sampling is required. These will consist of 57 samples from the top foot of soil and 125 subsurface soil samples from greater depths. These proposed sampling locations are shown on Figure 3. In the event that site conditions (e.g., standing water, large trees, subsurface utilities, or other obstructions) should prevent access for sampling at any of the grid nodes where sampling is proposed, the samples in question will be collected as close to the grid nodes as site conditions allow.

PCB Sampling in Paved Industrial Areas. For the currently paved portions of the industrial areas, as discussed in Section 4.3.2, 81 PCB soil samples from 27 soil boring locations are required. Although 117 existing PCB sample results are already available from paved areas, all of the requisite depth intervals are not represented by these existing data. Therefore, GE proposes to install soil borings to collect soil samples at 15 additional locations in currently paved areas, as shown on Figure 3. The locations of these proposed new samples were selected to provide data from areas that are under-represented by prior data. In addition, eight soil borings will be installed to collect soil samples from near or beneath the foundations of buildings that are slated for demolition in the future (which will be considered paved areas for purposes of the RD/RA evaluations). The locations of these borings are also shown on Figure 3.

PCB Sampling in 200-Foot RRZ. For the 200-Foot RRZ, as discussed in Section 4.3.3, the 50-foot and 100-foot grids in the portions of that zone where a vegetative engineered barrier may not be needed would indicate the need for 79 surface soil samples and 60 subsurface soil samples from those areas; and 19 existing sample results (10 surface soil samples and 9 subsurface soil sample sets) are available to satisfy those requirements. However, as also noted in Section 4.3.3, several of the required additional sample locations fall within the footprint of existing

buildings which are not scheduled for demolition in the near term, and hence it would be feasible to collect all of the required additional samples at this time. As a result, GE proposes the following approach for sampling in these portions of the 200-Foot RRZ: (1) For sample grid nodes located in accessible areas outside of existing buildings, GE will perform the required pre-design soil investigations; and (2) for those sample grid nodes located within the footprint of existing buildings, GE will endeavor to advance one soil boring within each building in the 200-Foot RRZ, at locations corresponding to a 100-foot sample node, dependent upon access and space limitations. The purpose of this approach is to collect sufficient data to determine whether an engineered barrier may be needed. If these data indicate that such a barrier is needed, no additional soil sampling will be necessary. If the data indicate that such a barrier may not be needed, GE will then complete the required soil investigations in accordance with the requirements in the SOW.

Based on the approach outlined above, the scope of pre-design soil investigations for the 200-Foot RRZ will involve the collection of 91 soil samples, including 49 surface and 42 subsurface soil samples. In conducting these investigations, sampling will commence at the interface between the native soils and the existing concrete, pavement, or building floor slab. This starting point for pre-design sampling will be subject to modification depending on field observations related to the thickness of the overlying materials as well as the presence of any underlying sub-base materials.

Based on the receipt of these data, GE will likely be in a position to further evaluate the need for installation of a vegetative engineered barrier in such areas. In the event that GE determines that an engineered barrier may not be required in portions of these areas, GE will provide to EPA a specific scope and schedule for completion of the remaining pre-design soil investigations for those portions.

Sampling for Other Appendix IX+3 Constituents. Finally, as discussed in Section 4.3.4, approximately 162 soil sample analyses for non-PCB Appendix IX+3 constituents are necessary at East Street Area 2-South (about half from the top foot of soil and half from greater depths); and a number of whole or partial Appendix IX+3 analyses from prior samples (as shown in Table 2) are currently available to satisfy some of those requirements. Accordingly, GE will submit sufficient new soil samples from various depth increments for analysis of the appropriate Appendix IX+3 constituents so as to complete the required Appendix IX+3 characterization of this RAA. These samples will consist of: 99 new samples for VOC analyses (66 from the top foot and 33 from greater depths); 99 new samples for SVOC analyses (66 from the top foot and 33 from greater depths); 101 new samples for inorganics analyses (66 from the top foot and 35 from greater depths); and 126 new samples for PCDD/PCDF analyses (69 from the top foot and 57 from greater depths). The locations and depths of these samples are listed in Table 4; they were selected to provide spatial representation over portions of East Street Area 2-South that were not sampled during prior investigations.

For any new samples collected for full or partial Appendix IX+3 analyses as part of the pre-design soil investigations, GE proposes to exclude analysis for pesticides and herbicides for the following reasons: (1) the presence of pesticides and herbicides would not be related to any prior manufacturing processes conducted by GE and, if found, would likely be attributable solely to the application of such materials in accordance with their intended and appropriate commercial application; and (2) EPA and MDEP have previously allowed the exclusion of these constituents from Appendix IX+3 analyses at the GE Plant Area.

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

foot and half from deeper increments, distributed relatively evenly between those increments), to the extent practical.

4.5 Soil Sampling Analytical Procedures

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

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

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

Analysis of samples for PCDDs and PCDFs will be performed using EPA Method 8290 for samples collected from the 0- to 1-foot depth increment at all areas and the 1- to 3-foot depth increment at recreational areas (i.e., the 200-Foot RRZ), and Method 8280A for all other samples. PCDD/PCDF results will be reported on a dry-weight basis for both total homologues and 2,3,7,8-substituted congeners. Sample detection limits will be consistent with those presented in Table 3 of the FSP/QAPP. The rationale for the methods selected for PCDD/PCDF analyses is based on a review of their corresponding method detection limits (MDLs) and the applicable Performance Standards for PCDD/PCDF toxicity equivalency quotients (TEQs) specified in the SOW and described in Appendix A (i.e., 1 part per billion (ppb) for the top foot in recreational areas, 1.5 ppb for the 1- to 3-foot depth interval for soil in recreational areas, 5 ppb for the top foot of soil in commercial/industrial areas, and 20 ppb for subsurface soil depth intervals greater than 1 foot at commercial/industrial areas). As shown in Table 3 of the FSP/QAPP, the MDLs for Method 8280A are higher than those for Method 8290. Due to these higher MDLs, it is possible that PCDD/PCDF analyses by Method 8280A could potentially fail to detect a TEQ concentration that in fact exceeds the Performance Standards for the top foot of all areas at East Street Area 2-South and the 1- to 3-foot depth increment at the 200-Foot RRZ. However, use of this method would not fail to detect TEQ exceedances of the 20 ppb Performance Standard for subsurface soil at the industrial areas. Hence, use of Method 8280A is wholly adequate to ensure achievement of that Performance Standard.

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

5. Schedule

GE proposes to complete the additional investigations described in this PDI Work Plan and to submit a Pre-Design Investigation Report for East Street Area 2-South within nine months of EPA's approval of this PDI Work Plan, assuming that no major delays due to winter weather conditions are encountered. If such conditions are encountered, or other factors cause a delay in the schedule proposed above, GE will notify EPA and MDEP and propose for EPA approval a revised schedule for completing the investigations and submitting a Pre-Design Investigation Report.

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

Following EPA approval of the Pre-Design Investigation Report (and any supplemental report), GE will submit a Conceptual RD/RA Work Plan for the East Street Area 2-South Removal Action on a schedule to be approved by EPA. That Conceptual RD/RA Work Plan will include, at a minimum, the evaluations, plans, and other pertinent items described in Section 3.3 of the SOW. It will also include a proposed schedule for submission of the final RD/RA Work Plan for the East Street Area 2-South Removal Action in accordance with Section 3.4 of the SOW. The final RD/RA Work Plan will include not only more specific plans for implementation of the necessary response actions, but also more specific plans for the design and implementation of the natural resource restoration/enhancement measures in the 200-Foot RRZ and the 200-Foot-Wide Industrial Averaging Strip, as well as a Restoration Project Monitoring and Maintenance Plan for those measures, which will be designed to achieve the monitoring and maintenance Performance Standards set forth in Attachment I to the SOW.

6. Summary of Anticipated Post-Removal Site Control Activities

Following the completion of construction activities to implement the necessary response actions, GE will continue to inspect, maintain, and monitor the completed actions and to perform repairs and replacement as needed, so as to ensure that the completed response actions are performing as designed. The specific scope and methodologies for such inspection and maintenance activities (I/M activities) will be detailed in a Post-Removal Site Control Plan for the East Street Area 2-South Removal Action. Such activities will include the periodic inspection and maintenance of any surface covers installed (e.g., engineered barriers, enhanced pavement, and soil covers), inspection and maintenance of certain ancillary components of the response actions (e.g., fencing and warning signs), and repair or replacement of response actions at areas exhibiting deficiencies or potential problems. In addition, the Post-Removal Site Control Plan will incorporate the Restoration Project Monitoring and Maintenance Plan for the natural resource restoration/enhancement measures, with any proposed modifications based on implementation of those measures or other relevant developments.

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

The natural resource restoration/enhancement measures will be monitored, inspected, and maintained in accordance with the Performance Standards and other requirements set forth in Section 8 of Attachment I (Natural Resource Restoration/Enhancement Activities) to the SOW and the approved Restoration Project Monitoring and Maintenance Plan.

Tables

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTION

EXISTING SOIL PCB DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
64G-C1	64G-ESD-C1	0-1	10/29/91	None - Data Summary Table Only	Supplemental
64G-C2	64G-ESD-C2	0-1	10/29/91	None - Data Summary Table Only	Supplemental
64G-C3	64G-ESD-C3	0-1	10/29/91	None - Data Summary Table Only	Supplemental
64G-C4	64G-ESD-C4	0-1	10/29/91	None - Data Summary Table Only	Supplemental
64G-C5	64G-ESD-C5	0-1	10/29/91	None - Data Summary Table Only	Supplemental
68-EAST-1	68-EAST-1	0.5-1	3/5/97	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68-EAST-1	68-EAST-1	0-0.5	3/5/97	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68-EAST-1	68-EAST-1	1.5-2	3/5/97	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68-EAST-1	68-EAST-1	1-1.5	3/5/97	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68-EAST-2	68-EAST-2	0.5-1	3/5/97	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68-EAST-2	68-EAST-2	0-0.5	3/5/97	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68-EAST-2	68-EAST-2	1-1.5	3/5/97	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68-EAST-3	68-EAST-3	0-0.5	3/5/97	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68-EAST-3	68-EAST-3	0.5-1	3/5/97	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68-EAST-3	68-EAST-3	1-1.5	3/5/97	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68-EAST-3	68-EAST-3	1.5-2	3/5/97	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68S-1	68S-1	0-0.5	3/18/96	None - Data Summary Table Only	None (RRZ Eng. Barrier)
68S-1	68S-1	0.5-1	3/18/96	None - Data Summary Table Only	None (RRZ Eng. Barrier)
68S-1	68S-1	1-1.5	3/18/96	None - Data Summary Table Only	None (RRZ Eng. Barrier)
68S-1	68S-1	1.5-2	3/18/96	None - Data Summary Table Only	None (RRZ Eng. Barrier)
68S-1	68S-1	2-4	8/7/96	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68S-1	68S-1	4-6	8/7/96	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68S-1	68S-1	6-8	8/7/96	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68S-1	68S-1	8-10	8/7/96	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68S-1	68S-1	10-12	8/7/96	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68S-2	68S-2	0-0.5	3/18/96	None - Data Summary Table Only	None (RRZ Eng. Barrier)
68S-2	68S-2	0.5-1	3/18/96	None - Data Summary Table Only	None (RRZ Eng. Barrier)
68S-2	68S-2	1-1.5	3/18/96	None - Data Summary Table Only	None (RRZ Eng. Barrier)
68S-2	68S-2	1.5-2	3/18/96	None - Data Summary Table Only	None (RRZ Eng. Barrier)
68S-2	68S-2	2-4	8/7/96	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68S-2	68S-2	4-6	8/7/96	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68S-2	68S-2	6-8	8/7/96	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68S-2	68S-2	8-10	8/7/96	None - Data Summary Table Only	None (RRZ Eng. Barrier)
68S-2	68S-2	10-12	8/7/96	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68S-3	68S-3	0-0.5	3/18/96	None - Data Summary Table Only	None (RRZ Eng. Barrier)
68S-3	68S-3	0.5-1	3/18/96	None - Data Summary Table Only	None (RRZ Eng. Barrier)
68S-3	68S-3	1-1.5	3/18/96	None - Data Summary Table Only	None (RRZ Eng. Barrier)
68S-3	68S-3	1.5-2	3/18/96	None - Data Summary Table Only	None (RRZ Eng. Barrier)
68S-3	68S-3	2-4	8/7/96	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68S-3	68S-3	4-6	8/7/96	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68S-3	68S-3	6-8	8/7/96	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68S-3	68S-3	8-10	8/7/96	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68S-4	68S-4	0-0.5	3/18/96	None - Data Summary Table Only	None (RRZ Eng. Barrier)

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTIONEXISTING SOIL PCB DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
68S-4	68S-4	0-2	8/8/96	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68S-4	68S-4	0.5-1	3/18/96	None - Data Summary Table Only	None (RRZ Eng. Barrier)
68S-4	68S-4	1-1.5	3/18/96	None - Data Summary Table Only	None (RRZ Eng. Barrier)
68S-4	68S-4	1.5-2	3/18/96	None - Data Summary Table Only	None (RRZ Eng. Barrier)
68S-4	68S-4	2-4	8/8/96	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68S-4	68S-4	4-6	8/8/96	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68S-4	68S-4	6-8	8/8/96	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68S-4	68S-4	8-10	8/8/96	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
95-01	201B0002	0-2	2/27/96	None - Data Summary Table Only	Supplemental
95-01	201B0204S	2-4	2/27/96	None - Data Summary Table Only	Supplemental
95-01	201B0406	4-6	2/27/96	None - Data Summary Table Only	Supplemental
95-01	201B00608	6-8	2/27/96	None - Data Summary Table Only	Supplemental
95-01	201B0810	8-10	2/27/96	None - Data Summary Table Only	Supplemental
95-01	201B1012	10-12	2/27/96	None - Data Summary Table Only	Supplemental
95-01	201B1012D	10-12	2/27/96	None - Data Summary Table Only	Supplemental
95-01	201B1214	12-14	2/27/96	None - Data Summary Table Only	Supplemental
95-02	202B000.5	0-0.5	2/15/96	Certificate of Analysis	Grid Characterization
95-02	202B0204	2-4	2/15/96	Complete Laboratory Data Package	Grid Characterization
95-02	202B0406	4-6	2/15/96	Complete Laboratory Data Package	Grid Characterization
95-02	202B00608	6-8	2/15/96	Certificate of Analysis	Grid Characterization
95-02	202B0810S	8-10	2/15/96	Certificate of Analysis	Grid Characterization
95-02	202B1012	10-12	2/15/96	Complete Laboratory Data Package	Grid Characterization
95-03	203B0002	0-2	2/15/96	Complete Laboratory Data Package	Supplemental
95-03	203B0204	2-4	2/15/96	Complete Laboratory Data Package	Supplemental
95-03	203B0406	4-6	2/15/96	Complete Laboratory Data Package	Supplemental
95-03	203B00608	6-8	2/15/96	Complete Laboratory Data Package	Grid Characterization
95-03	203B0810	8-10	2/15/96	Complete Laboratory Data Package	Grid Characterization
95-03	203B1214	12-14	3/12/96	Complete Laboratory Data Package	Grid Characterization
95-04	204B0002	0-2	3/11/96	Complete Laboratory Data Package	Paved Area Characterization
95-04	204B0204	2-4	3/11/96	Complete Laboratory Data Package	Paved Area Characterization
95-04	204B0810	8-10	3/11/96	Complete Laboratory Data Package	Paved Area Characterization
95-04	204B1012	10-12	3/11/96	Complete Laboratory Data Package	Paved Area Characterization
95-05	205B0204	2-4	2/12/96	Complete Laboratory Data Package	Paved Area Characterization
95-05	205B0406	4-6	2/12/96	Complete Laboratory Data Package	Paved Area Characterization
95-05	205B0810	8-10	2/12/96	Complete Laboratory Data Package	Paved Area Characterization
95-05	205B1012	10-12	2/12/96	Complete Laboratory Data Package	Paved Area Characterization
95-05	205B1214	12-14	2/12/96	Complete Laboratory Data Package	Paved Area Characterization
95-05	205B1618	16-18	2/12/96	Complete Laboratory Data Package	Rejected (Depth)
95-06	206B0002	0-2	2/29/96	Complete Laboratory Data Package	Grid Characterization
95-06	206B0204	2-4	2/29/96	Complete Laboratory Data Package	Grid Characterization
95-06	206B0406	4-6	2/29/96	Complete Laboratory Data Package	Grid Characterization
95-06	206B0810	8-10	2/29/96	Complete Laboratory Data Package	Grid Characterization
95-06	206B1012	10-12	2/29/96	Complete Laboratory Data Package	Grid Characterization

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTION

EXISTING SOIL PCB DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
95-06	206B1214	12-14	2/29/96	Complete Laboratory Data Package	Grid Characterization
95-06	206B1416	14-16	2/29/96	Complete Laboratory Data Package	Grid Characterization
95-07	207B0002	0-2	2/23/96	Complete Laboratory Data Package	Supplemental
95-07	207B0204	2-4	2/23/96	Complete Laboratory Data Package	Supplemental
95-07	207B0406	4-6	2/23/96	Complete Laboratory Data Package	Supplemental
95-07	207B0608	6-8	2/23/96	Complete Laboratory Data Package	Supplemental
95-07	207B0810	8-10	2/23/96	Complete Laboratory Data Package	Supplemental
95-07	207B1214	12-14	2/23/96	Complete Laboratory Data Package	Supplemental
95-07	207B1416	14-16	2/23/96	Complete Laboratory Data Package	Supplemental
95-07	207B1618	16-18	2/23/96	Complete Laboratory Data Package	Rejected (Depth)
95-07	207B1820	18-20	2/23/96	Complete Laboratory Data Package	Supplemental
95-08	208B0002	0-2	2/29/96	Complete Laboratory Data Package	Grid Characterization
95-08	208B0204	2-4	2/29/96	Complete Laboratory Data Package	Grid Characterization
95-08	208B0406	4-6	2/29/96	Complete Laboratory Data Package	Grid Characterization
95-08	208B0608	6-8	2/29/96	Complete Laboratory Data Package	Grid Characterization
95-08	208B0810	8-10	2/29/96	Complete Laboratory Data Package	Grid Characterization
95-08	208B1012	10-12	2/29/96	Complete Laboratory Data Package	Grid Characterization
95-08	208B1214	12-14	2/29/96	Complete Laboratory Data Package	Grid Characterization
95-08	208B1416	14-16	2/29/96	Complete Laboratory Data Package	Grid Characterization
95-08	208B1618	16-18	2/29/96	Complete Laboratory Data Package	Rejected (Depth)
95-19	219B0102	1-2	2/13/96	Complete Laboratory Data Package	Paved Area Characterization
95-19	219B00204	2-4	2/13/96	Complete Laboratory Data Package	Paved Area Characterization
95-19	219B0406	4-6	2/13/96	Complete Laboratory Data Package	Paved Area Characterization
95-19	219B0608	6-8	2/13/96	Complete Laboratory Data Package	Paved Area Characterization
95-19	219B0810	8-10	2/13/96	Complete Laboratory Data Package	Paved Area Characterization
95-19	219B1012	10-12	2/13/96	Complete Laboratory Data Package	Paved Area Characterization
95-19	219B1214	12-14	2/13/96	Complete Laboratory Data Package	Paved Area Characterization
95-19	219B1416	14-16	2/13/96	Complete Laboratory Data Package	Paved Area Characterization
95-19	219B1618	16-18	2/13/96	Complete Laboratory Data Package	Supplemental
95-25	225B000.5	0-0.5	2/27/96	None - Data Summary Table Only	Supplemental
95-25	225B00204	2-4	2/27/96	None - Data Summary Table Only	Supplemental
95-25	225B0406	4-6	2/27/96	None - Data Summary Table Only	Supplemental
95-25	225B0608	6-8	2/27/96	None - Data Summary Table Only	Supplemental
95-25	225B0810	8-10	2/27/96	Complete Laboratory Data Package	Supplemental
95-26	226B0002	0-2	2/22/96	Complete Laboratory Data Package	Grid Characterization
95-26	226B00204	2-4	2/22/96	Complete Laboratory Data Package	Grid Characterization
95-26	226B0406	4-6	2/22/96	Complete Laboratory Data Package	Grid Characterization
95-26	223B0608	6-8	2/22/96	Complete Laboratory Data Package	Grid Characterization
95-26	226B0810	8-10	2/22/96	Complete Laboratory Data Package	Grid Characterization
95-26	226B1012	10-12	2/22/96	Complete Laboratory Data Package	Grid Characterization
95-26	226B2022	20-22	2/22/96	Complete Laboratory Data Package	Rejected (Depth)
95-27	227B0002	0-2	2/29/96	None - Data Summary Table Only	None (RRZ Eng. Barrier)
95-27	227B00204	2-4	2/29/96	None - Data Summary Table Only	None (RRZ Eng. Barrier)

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTION

EXISTING SOIL PCB DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
95-27	227B0608	6-8	2/29/96	None - Data Summary Table Only	None (RRZ Eng. Barrier)
95-27	227B0810	8-10	2/29/96	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
95-27	227B1012	10-12	2/29/96	None - Data Summary Table Only	None (RRZ Eng. Barrier)
95-27	227B1214	12-14	2/29/96	None - Data Summary Table Only	None (RRZ Eng. Barrier)
95-27	227B1416	14-16	2/29/96	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
95-28	228B0002	0-2	3/11/96	Complete Laboratory Data Package	Grid Characterization
95-28	228B00204	2-4	3/11/96	Complete Laboratory Data Package	Supplemental
95-28	228B0406	4-6	3/11/96	Complete Laboratory Data Package	Supplemental
95-28	228B0608	6-8	3/11/96	Complete Laboratory Data Package	Supplemental
95-28	228B0810	8-10	3/11/96	Complete Laboratory Data Package	Supplemental
95-28	228B1012	10-12	3/11/96	Complete Laboratory Data Package	Supplemental
95-28	228B3032	30-32	3/11/96	Complete Laboratory Data Package	Rejected (Depth)
206S	206S0-6	0-0.5	9/17/97	Complete Laboratory Data Package	Grid Characterization
207S	207S0-6	0-0.5	9/17/97	Complete Laboratory Data Package	Paved Area Characterization
208S	208S0-6	0-0.5	9/17/97	Complete Laboratory Data Package	Grid Characterization
209S	209S0-6	0-0.5	9/17/97	Complete Laboratory Data Package	Supplemental
211S	211S0-6	0-0.5	9/17/97	Complete Laboratory Data Package	Grid Characterization
B-4	B-4	0-2	11/5-7/86	None - Data Summary Table Only	None (RRZ Eng. Barrier)
B-4	B-4	2-4	11/5-7/86	None - Data Summary Table Only	None (RRZ Eng. Barrier)
B-4	B-4	4-6	11/5-7/86	None - Data Summary Table Only	None (RRZ Eng. Barrier)
B-5	B-5	0-2	11/5-7/86	None - Data Summary Table Only	Rejected (Method)
B-5	B-5	2-4	11/5-7/86	None - Data Summary Table Only	Rejected (Method)
B-5	B-5	4-6	11/5-7/86	None - Data Summary Table Only	Rejected (Method)
B-5	B-5	6-8	11/5-7/86	None - Data Summary Table Only	Rejected (Method)
B-5	B-5	8-10	11/5-7/86	None - Data Summary Table Only	Rejected (Method)
B-10	B-10	0-2	11/5-7/86	None - Data Summary Table Only	Rejected (Method)
B-10	B-10	2-4	11/5-7/86	None - Data Summary Table Only	Rejected (Method)
B-10	B-10	4-6	11/5-7/86	None - Data Summary Table Only	Rejected (Method)
B-10	B-10	6-8	11/5-7/86	None - Data Summary Table Only	Rejected (Method)
B-10	B-10	8-10	11/5-7/86	None - Data Summary Table Only	Rejected (Method)
B-12	B-12	0-2	11/5-7/86	None - Data Summary Table Only	Rejected (Method)
B-12	B-12	2-4	11/5-7/86	None - Data Summary Table Only	Rejected (Method)
B-12	B-12	4-6	11/5-7/86	None - Data Summary Table Only	Rejected (Method)
B-12	B-12	6-8	11/5-7/86	None - Data Summary Table Only	Rejected (Method)
B-17	B-17	0-2	11/5-7/86	None - Data Summary Table Only	Rejected (Method)
B-17	B-17	2-4	11/5-7/86	None - Data Summary Table Only	Rejected (Method)
B-17	B-17	4-6	11/5-7/86	None - Data Summary Table Only	Rejected (Method)
B-17	B-17	6-8	11/5-7/86	None - Data Summary Table Only	Rejected (Method)
B-19	B-19	0-2	11/5-7/86	None - Data Summary Table Only	Rejected (Method)
B-19	B-19	2-4	11/5-7/86	None - Data Summary Table Only	Rejected (Method)
B-19	B-19	4-6	11/5-7/86	None - Data Summary Table Only	Rejected (Method)
B-23	B-23	0-2	11/5-7/86	None - Data Summary Table Only	Rejected (Method)
B-23	B-23	2-4	11/5-7/86	None - Data Summary Table Only	Rejected (Method)

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTIONEXISTING SOIL PCB DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
B-23	B-23	4-6	11/5-7/86	None - Data Summary Table Only	Rejected (Method)
B-23	B-23	6-8	11/5-7/86	None - Data Summary Table Only	Rejected (Method)
BF-1	BF-1	0-0.5	12/5-10/90	Certificate of Analysis	Rejected (Method)
BF-2	BF-2	0-0.58	12/5-10/90	Certificate of Analysis	Rejected (Method)
BF-3	BF-3	0-0.58	12/5-10/90	Certificate of Analysis	Rejected (Method)
BF-4	BF-4	0-0.5	12/5-10/90	Certificate of Analysis	Rejected (Method)
BF-5	BF-5	0-0.5	12/5-10/90	Certificate of Analysis	Rejected (Method)
BF-6	BF-6	0-3	12/5-10/90	Certificate of Analysis	Rejected (Method)
C1	ESTA2-C1A	0-1	6/8/89	Certificate of Analysis	Rejected (Method)
C1	ESTA2-C1B	1-2	6/8/89	Certificate of Analysis	Rejected (Method)
C1	ESTA2-C1C	2-3	6/8/89	Certificate of Analysis	Rejected (Method)
C2	ESTA2-C2A	0-1	6/8/89	Certificate of Analysis	Rejected (Method)
C2	ESTA2-C2B	1-2	6/8/89	Certificate of Analysis	Rejected (Method)
C2	ESTA2-C2C	2-3	6/8/89	Certificate of Analysis	Rejected (Method)
C3	ESTA2-C3A	0-1	6/8/89	Certificate of Analysis	Rejected (Method)
C3	ESTA2-C3B	1-2	6/8/89	Certificate of Analysis	Rejected (Method)
C3	ESTA2-C3C	2-3	6/8/89	Certificate of Analysis	Rejected (Method)
C4	ESTA2-C4A	0-1	6/8/89	Certificate of Analysis	Rejected (Method)
C4	ESTA2-C4B	1-2	6/8/89	Certificate of Analysis	Rejected (Method)
C4	ESTA2-C4C	2-3	6/8/89	Certificate of Analysis	Rejected (Method)
C5	ESTA2-C5A	0-1	6/8/89	Certificate of Analysis	Rejected (Method)
C5	ESTA2-C5B	1-2	6/8/89	Certificate of Analysis	Rejected (Method)
C5	ESTA2-C5C	2-3	6/8/89	Certificate of Analysis	Rejected (Method)
C6	ESTA2-C6A	0-1	6/8/89	Certificate of Analysis	Rejected (Method)
C6	ESTA2-C6B	1-2	6/8/89	Certificate of Analysis	Rejected (Method)
C6	ESTA2-C6C	2-3	6/8/89	Certificate of Analysis	Rejected (Method)
C7	ESTA2-C7A	0-1	6/8/89	Certificate of Analysis	Rejected (Method)
C7	ESTA2-C7B	1-2	6/8/89	Certificate of Analysis	Rejected (Method)
C7	ESTA2-C7C	2-3	6/8/89	Certificate of Analysis	Rejected (Method)
C8	ESTA2-C8A	0-1	6/8/89	Certificate of Analysis	Rejected (Method)
C8	ESTA2-C8B	1-2	6/8/89	Certificate of Analysis	Rejected (Method)
C8	ESTA2-C8C	2-3	6/8/89	Certificate of Analysis	Rejected (Method)
C9	ESTA2-C9A	0-1	6/8/89	Certificate of Analysis	Rejected (Method)
C9	ESTA2-C9B	1-2	6/8/89	Certificate of Analysis	Rejected (Method)
C9	ESTA2-C9C	2-3	6/8/89	Certificate of Analysis	Rejected (Method)
C10	ESTA2-C10A	0-1	6/8/89	Certificate of Analysis	Rejected (Method)
C10	ESTA2-C10B	1-2	6/8/89	Certificate of Analysis	Rejected (Method)
C10	ESTA2-C10C	2-3	6/8/89	Certificate of Analysis	Rejected (Method)
C11	ESTA2-C11A	0-1	6/8/89	Certificate of Analysis	Rejected (Method)
C11	ESTA2-C11B	1-2	6/8/89	Certificate of Analysis	Rejected (Method)
C11	ESTA2-C11C	2-3	6/8/89	Certificate of Analysis	Rejected (Method)
C12	ESTA2-C12A	0-1	6/8/89	Certificate of Analysis	Rejected (Method)
C12	ESTA2-C12B	1-2	6/8/89	Certificate of Analysis	Rejected (Method)

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTION

EXISTING SOIL PCB DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
C12	ESTA2-C12C	2-3	6/8/89	Certificate of Analysis	Rejected (Method)
C13	ESTA2-C13A	0-1	6/8/89	Certificate of Analysis	Rejected (Method)
C13	ESTA2-C13B	1-2	6/8/89	Certificate of Analysis	Rejected (Method)
C13	ESTA2-C13C	2-3	6/8/89	Certificate of Analysis	Rejected (Method)
C35	TH-OX-C35	0-1	8/17/90	Certificate of Analysis	None (RRZ Eng. Barrier)
C35	TH-OX-C36	1-2	8/17/90	Certificate of Analysis	None (RRZ Eng. Barrier)
C35	TH-OX-C37	2-3	8/17/90	Certificate of Analysis	None (RRZ Eng. Barrier)
CA-1	CA-1	0-5	12/5-10/90	Certificate of Analysis	Rejected (Method)
D-1	D-1	0-6	12/5-10/90	Certificate of Analysis	Rejected (Method)
D-2	D-2	0-6	12/5-10/90	Certificate of Analysis	Rejected (Method)
D-3	D-3	0-2	12/5-10/90	Certificate of Analysis	Rejected (Method)
D-3	D-3	4-6	12/5-10/90	Certificate of Analysis	Rejected (Method)
E-1	E-1	0-6	12/5-10/90	Certificate of Analysis	Rejected (Method)
E-2	E-2	0-3	12/5-10/90	Certificate of Analysis	Rejected (Method)
E-3	E-3	0-2	12/5-10/90	Certificate of Analysis	Rejected (Method)
E2SC-01	CS01	0-1	10/9/98	Complete Laboratory Data Package	Grid Characterization
E2SC-01	CS0106	1-6	10/9/98	Complete Laboratory Data Package	Grid Characterization
E2SC-01	CS0615	6-15	10/9/98	Complete Laboratory Data Package	Grid Characterization
E2SC-01	CS3840	38-40	10/12/98	Complete Laboratory Data Package	Rejected (Depth)
E2SC-01	SS25	44-46	10/12/98	Complete Laboratory Data Package	Rejected (Depth)
E2SC-02	CS01	0-1	10/21/98	Complete Laboratory Data Package	Supplemental
E2SC-02	CS0106	1-6	10/21/98	Complete Laboratory Data Package	Grid Characterization
E2SC-02	CS0615	6-15	10/21/98	Complete Laboratory Data Package	Grid Characterization
E2SC-02	CS4042	40-42	10/23/98	Complete Laboratory Data Package	Rejected (Depth)
E2SC-03	CS01	0-1	10/15/98	Complete Laboratory Data Package	Grid Characterization
E2SC-03	CS0106	1-6	10/15/98	Complete Laboratory Data Package	Grid Characterization
E2SC-03	CS0615	6-15	10/15/98	Complete Laboratory Data Package	Grid Characterization
E2SC-03	CS4448	44-48	10/15/98	Complete Laboratory Data Package	Rejected (Depth)
E2SC-04	CS01	0-1	10/13/98	Complete Laboratory Data Package	Supplemental
E2SC-04	GS01	0-5	10/14/98	Complete Laboratory Data Package	Supplemental
E2SC-04	CS0106	1-6	10/13/98	Complete Laboratory Data Package	Supplemental
E2SC-04	GS02	5-15.4	10/15/98	Complete Laboratory Data Package	Supplemental
E2SC-04	CS0615	6-15	10/13/98	Complete Laboratory Data Package	Supplemental
E2SC-04	GS03	15.4-24	10/16/98	Complete Laboratory Data Package	Rejected (Depth)
E2SC-04	GS04	24-39	10/17/98	Complete Laboratory Data Package	Rejected (Depth)
E2SC-04	GS05	39-43	10/18/98	Complete Laboratory Data Package	Rejected (Depth)
E2SC-04	CS4244	42-44	10/13/98	Complete Laboratory Data Package	Rejected (Depth)
E2SC-05	CS01	0-1	10/25/98	Complete Laboratory Data Package	Supplemental
E2SC-05	CS0106	1-6	10/25/98	Complete Laboratory Data Package	Supplemental
E2SC-05	CS0615	6-15	10/25/98	Complete Laboratory Data Package	Supplemental
E2SC-05	CS3840	38-40	10/26/98	Complete Laboratory Data Package	Rejected (Depth)
E2SC-05	CS4042	40-42	10/26/98	Complete Laboratory Data Package	Rejected (Depth)
E2SC-06	CS01	0-1	10/23/98	Complete Laboratory Data Package	Supplemental

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTIONEXISTING SOIL PCB DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
E2SC-06	CS0106	1-6	10/23/98	Complete Laboratory Data Package	Supplemental
E2SC-06	CS0615	6-15	10/23/98	Complete Laboratory Data Package	Supplemental
E2SC-07	CS01	0-1	10/27/98	Complete Laboratory Data Package	Supplemental
E2SC-07	CS0106	1-6	10/27/98	Complete Laboratory Data Package	Supplemental
E2SC-07	CS0615	6-15	10/27/98	Complete Laboratory Data Package	Supplemental
E2SC-07	CS3840	38-40	10/27/98	Complete Laboratory Data Package	Rejected (Depth)
E2SC-08	CS0106	1-6	10/14/98	Complete Laboratory Data Package	Grid Characterization
E2SC-08	CS0615	6-15	10/14/98	Complete Laboratory Data Package	Grid Characterization
E2SC-08	CS4244	42-44	10/19/98	Complete Laboratory Data Package	Rejected (Depth)
E2SC-09	CS01	0-1	10/21/98	Complete Laboratory Data Package	Supplemental
E2SC-09	CS0106	1-6	10/21/98	Complete Laboratory Data Package	Supplemental
E2SC-09	CS0615	6-15	10/21/98	Complete Laboratory Data Package	Supplemental
E2SC-09	CS4042	40-42	10/21/98	Complete Laboratory Data Package	Rejected (Depth)
E2SC-10	CS01	0-1	10/20/98	Complete Laboratory Data Package	Supplemental
E2SC-10	CS0106	1-6	10/20/98	Complete Laboratory Data Package	Supplemental
E2SC-10	CS0615	6-15	10/20/98	Complete Laboratory Data Package	Supplemental
E2SC-10	CS2830	28-30	10/20/98	Complete Laboratory Data Package	Rejected (Depth)
E2SC-11	CS01	0-1	10/9/98	Complete Laboratory Data Package	Grid Characterization
E2SC-11	CS0106	1-6	10/9/98	Complete Laboratory Data Package	Grid Characterization
E2SC-11	SS05	6-15	10/9/98	Complete Laboratory Data Package	Grid Characterization
E2SC-12	CS01	0-1	10/19/98	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
E2SC-12	CS0106	1-6	10/19/98	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
E2SC-12	CS0615	6-15	10/19/98	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
E2SC-12	CS3032	30-32	10/19/98	Complete Laboratory Data Package	Rejected (Depth)
E2SC-13	CS01	0-1	10/7/98	Complete Laboratory Data Package	Supplemental
E2SC-13	CS0106	1-6	10/7/98	Complete Laboratory Data Package	Supplemental
E2SC-13	CS0516	8-15	10/7/98	Complete Laboratory Data Package	Supplemental
E2SC-14	CS01	0-1	10/8/98	Complete Laboratory Data Package	Supplemental
E2SC-14	CS0106	1-6	10/8/98	Complete Laboratory Data Package	Supplemental
E2SC-14	CS0615	6-15	10/8/98	Complete Laboratory Data Package	Supplemental
E2SC-15	CS01	0-1	10/20/98	Complete Laboratory Data Package	Grid Characterization
E2SC-15	CS0106	1-6	10/20/98	Complete Laboratory Data Package	Grid Characterization
E2SC-15	CS0615	6-15	10/20/98	Complete Laboratory Data Package	Grid Characterization
E2SC-15	CS3436	34-36	10/20/98	Complete Laboratory Data Package	Rejected (Depth)
E2SC-16	CS01	0-1	10/8/98	Complete Laboratory Data Package	Grid Characterization
E2SC-16	CS0106	1-6	10/8/98	Complete Laboratory Data Package	Grid Characterization
E2SC-16	CS0615	6-15	10/8/98	Complete Laboratory Data Package	Grid Characterization
E2SC-16I	CS4042	40-42	11/10/98	Complete Laboratory Data Package	Rejected (Depth)
E2SC-16I	CS4850	48-50	11/10/98	Complete Laboratory Data Package	Rejected (Depth)
E2SC-17	CS01	0-1	10/27/98	Complete Laboratory Data Package	Supplemental
E2SC-17	CS0106	1-6	10/26/98	Complete Laboratory Data Package	Supplemental
E2SC-17	CS0615	6-15	10/26/98	Complete Laboratory Data Package	Supplemental
E2SC-17	CS4244	42-44	10/26/98	Complete Laboratory Data Package	Rejected (Depth)

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTIONEXISTING SOIL PCB DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
E2SC-17	CS4749	47-49	10/27/98	Complete Laboratory Data Package	Rejected (Depth)
E2SC-25	CS01	0-1	8/16/99	Complete Laboratory Data Package	Grid Characterization
E2SC-25	CS0106	1-6	8/16/99	Complete Laboratory Data Package	Grid Characterization
E2SC-25	CS0615	6-15	8/16/99	Complete Laboratory Data Package	Grid Characterization
E2SC-25	CS0615D	6-15	8/16/99	Complete Laboratory Data Package	Grid Characterization
E2SC-25	CS3538	35-38	8/16/99	Complete Laboratory Data Package	Rejected (Depth)
E2SC-25	CS3540	38-40	8/16/99	Complete Laboratory Data Package	Rejected (Depth)
EA-C1	EA-ST2-C1	0-6	10/8/90	Certificate of Analysis	Rejected (Method)
EA-C1	EA-ST2-C2	6-12	10/8/90	Certificate of Analysis	Rejected (Method)
EA-C2	EA-ST2-C3	0-6	10/8/90	Certificate of Analysis	Rejected (Method)
EA-C2	EA-ST2-C4	6-12	10/8/90	Certificate of Analysis	Rejected (Method)
EA-C3	EA-ST2-C5	0-6	10/8/90	Certificate of Analysis	Rejected (Method)
EA-C3	EA-ST2-C6	6-12	10/8/90	Certificate of Analysis	Rejected (Method)
EA-C4	EA-ST2-C7	0-6	10/8/90	Certificate of Analysis	Rejected (Method)
EA-C4	EA-ST2-C8	6-12	10/8/90	Certificate of Analysis	Rejected (Method)
EB-22	3-6C-EB-22	0-0.5	11/7/97	Complete Laboratory Data Package	Grid Characterization
EB-22	3-6C-EB-22	0.5-1	11/7/97	Complete Laboratory Data Package	Grid Characterization
EB-22	3-6C-EB-22	1-2	11/7/97	Complete Laboratory Data Package	Supplemental
EB-22	3-6C-EB-22	2-4	11/7/97	Complete Laboratory Data Package	Supplemental
EB-22	3-6C-EB-22	4-6	11/7/97	Complete Laboratory Data Package	Supplemental
EB-22	3-6C-EB-22	6-8	11/7/97	Complete Laboratory Data Package	Supplemental
EB-22	3-6C-EB-22	8-10	11/7/97	Complete Laboratory Data Package	Supplemental
EB-22	3-6C-EB-22	10-12	11/7/97	Complete Laboratory Data Package	Supplemental
EB-22	3-6C-EB-22	12-14	11/7/97	Complete Laboratory Data Package	Supplemental
EB-22	3-6C-EB-22	14-16	11/7/97	Complete Laboratory Data Package	Supplemental
EB-23	3-6C-EB-23	0-0.5	11/6/97	Complete Laboratory Data Package	Grid Characterization
EB-23	3-6C-EB-23	0.5-1	11/6/97	Complete Laboratory Data Package	Grid Characterization
EB-23	3-6C-EB-23	1-2	11/6/97	Complete Laboratory Data Package	Supplemental
EB-23	3-6C-EB-23	2-4	11/6/97	Complete Laboratory Data Package	Supplemental
EB-23	3-6C-EB-23	4-6	11/6/97	Complete Laboratory Data Package	Supplemental
EB-23	3-6C-EB-23	6-8	11/6/97	Complete Laboratory Data Package	Supplemental
EB-23	3-6C-EB-23	8-10	11/6/97	Complete Laboratory Data Package	Supplemental
EB-23	3-6C-EB-23	10-12	11/6/97	Complete Laboratory Data Package	Supplemental
EB-23	3-6C-EB-23	12-14	11/6/97	Complete Laboratory Data Package	Supplemental
EB-23	3-6C-EB-23	14-16	11/6/97	Complete Laboratory Data Package	Supplemental
EB-24	3-6C-EB-24	0-0.5	11/6/97	Complete Laboratory Data Package	Grid Characterization
EB-24	3-6C-EB-24	0.5-1	11/6/97	Complete Laboratory Data Package	Grid Characterization
EB-24	3-6C-EB-24	1-2	11/6/97	Complete Laboratory Data Package	Supplemental
EB-24	3-6C-EB-24	2-4	11/6/97	Complete Laboratory Data Package	Supplemental
EB-24	3-6C-EB-24	4-6	11/6/97	Complete Laboratory Data Package	Supplemental
EB-24	3-6C-EB-24	6-8	11/6/97	Complete Laboratory Data Package	Supplemental
EB-24	3-6C-EB-24	8-10	11/6/97	Complete Laboratory Data Package	Supplemental
EB-24	3-6C-EB-24	10-12	11/6/97	Complete Laboratory Data Package	Supplemental

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTIONEXISTING SOIL PCB DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
EB-24	3-6C-EB-24	12-14	11/6/97	Complete Laboratory Data Package	Supplemental
EB-24	3-6C-EB-24	14-16	11/6/97	Complete Laboratory Data Package	Supplemental
EB-25	3-6C-EB-25	0-0.5	11/5/97	Complete Laboratory Data Package	Grid Characterization
EB-25	3-6C-EB-25	0.5-1	11/5/97	Complete Laboratory Data Package	Grid Characterization
EB-25	3-6C-EB-25	1-2	11/5/97	Complete Laboratory Data Package	Supplemental
EB-25	3-6C-EB-25	2-4	11/5/97	Complete Laboratory Data Package	Supplemental
EB-25	3-6C-EB-25	4-6	11/5/97	Complete Laboratory Data Package	Supplemental
EB-25	3-6C-EB-25	6-8	11/5/97	Complete Laboratory Data Package	Supplemental
EB-25	3-6C-EB-25	8-10	11/5/97	Complete Laboratory Data Package	Supplemental
EB-25	3-6C-EB-25	10-12	11/5/97	Complete Laboratory Data Package	Supplemental
EB-25	3-6C-EB-25	12-14	11/5/97	Complete Laboratory Data Package	Supplemental
EB-25	3-6C-EB-25	16-18	11/5/97	Complete Laboratory Data Package	Rejected (Depth)
EB-25	3-6C-EB-25	18-20	11/5/97	Complete Laboratory Data Package	Rejected (Depth)
EB-25	3-6C-EB-25	20-22	11/5/97	Complete Laboratory Data Package	Rejected (Depth)
EB-26	3-6C-EB-26	0-0.5	11/4/97	Complete Laboratory Data Package	Supplemental
EB-26	3-6C-EB-26	0.5-1	11/4/97	Complete Laboratory Data Package	Supplemental
EB-26	3-6C-EB-26	1-2	11/4/97	Complete Laboratory Data Package	Grid Characterization
EB-26	3-6C-EB-26	2-4	11/4/97	Complete Laboratory Data Package	Grid Characterization
EB-26	3-6C-EB-26	4-6	11/4/97	Complete Laboratory Data Package	Grid Characterization
EB-26	3-6C-EB-26	6-8	11/4/97	Complete Laboratory Data Package	Grid Characterization
EB-26	3-6C-EB-26	8-10	11/4/97	Complete Laboratory Data Package	Grid Characterization
EB-26	3-6C-EB-26	10-12	11/4/97	Complete Laboratory Data Package	Grid Characterization
EB-26	3-6C-EB-26	12-14	11/4/97	Complete Laboratory Data Package	Grid Characterization
EB-26	3-6C-EB-26	20-22	11/4/97	Complete Laboratory Data Package	Rejected (Depth)
EB-27	3-6C-EB-27	0-0.5	11/7/97	Complete Laboratory Data Package	Grid Characterization
EB-27	3-6C-EB-27	0.5-1	11/7/97	Complete Laboratory Data Package	Grid Characterization
EB-27	3-6C-EB-27	1-2	11/7/97	Complete Laboratory Data Package	Supplemental
EB-27	3-6C-EB-27	2-4	11/7/97	Complete Laboratory Data Package	Supplemental
EB-27	3-6C-EB-27	4-6	11/7/97	Complete Laboratory Data Package	Supplemental
EB-27	3-6C-EB-27	6-8	11/7/97	Complete Laboratory Data Package	Supplemental
EB-27	3-6C-EB-27	8-10	11/7/97	Complete Laboratory Data Package	Supplemental
EB-27	3-6C-EB-27	10-12	11/7/97	Complete Laboratory Data Package	Supplemental
EB-27	3-6C-EB-27	16-18	11/7/97	Complete Laboratory Data Package	Rejected (Depth)
ES2-1	P201B0002	0-2	1/16-17/91	Certificate of Analysis	Supplemental
ES2-1	P201B0406	4-6	1/16-17/91	Certificate of Analysis	Supplemental
ES2-1	P201B0608	6-8	1/16-17/91	Certificate of Analysis	Supplemental
ES2-1	P201B1012	10-12	1/16-17/91	Certificate of Analysis	Supplemental
ES2-1	P201B1214	12-14	1/16-17/91	Certificate of Analysis	Supplemental
ES2-1	P201B1416	14-16	1/16-17/91	Certificate of Analysis	Supplemental
ES2-1	P201B1820	18-20	1/16-17/91	Certificate of Analysis	Rejected (Depth)
ES2-1	P201B2022	20-22	1/16-17/91	Certificate of Analysis	Rejected (Depth)
ES2-1	P201B2224	22-24	1/16-17/91	Certificate of Analysis	Rejected (Depth)
ES2-1	P201B2426	24-26	1/16-17/91	Certificate of Analysis	Rejected (Depth)

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTIONEXISTING SOIL PCB DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
ES2-1	P201B2628	26-28	1/16-17/91	Certificate of Analysis	Rejected (Depth)
ES2-1	P201B2830	28-30	1/16-17/91	Certificate of Analysis	Rejected (Depth)
ES2-1	P201B3032	30-32	1/16-17/91	Certificate of Analysis	Rejected (Depth)
ES2-1	P201B3234	32-34	1/16-17/91	Certificate of Analysis	Rejected (Depth)
ES2-2	P202B0002	0-2	1/14-15/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-2	P202B0204	2-4	1/14-15/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-2	P202B0406	4-6	1/14-15/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-2	P202B0608	6-8	1/14-15/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-2	P202B0810	8-10	1/14-15/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-2	P202B1012	10-12	1/14-15/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-2	P202B1214	12-14	1/14-15/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-2	P202B1416	14-16	1/14-15/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-2	P202B1618	16-18	1/14-15/91	Certificate of Analysis	Rejected (Depth)
ES2-2	P202B1820	18-20	1/14-15/91	Certificate of Analysis	Rejected (Depth)
ES2-2	P202B2022	20-22	1/14-15/91	Certificate of Analysis	Rejected (Depth)
ES2-2	P202B2224	22-24	1/14-15/91	Certificate of Analysis	Rejected (Depth)
ES2-2	P202B2426	24-26	1/14-15/91	Certificate of Analysis	Rejected (Depth)
ES2-2	P202B2628	26-28	1/14-15/91	Certificate of Analysis	Rejected (Depth)
ES2-2	P202B2830	28-30	1/14-15/91	Certificate of Analysis	Rejected (Depth)
ES2-3	P203B0002	0-2	1/21-22/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-3	P203B0204	2-4	1/21-22/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-3	P203B0406	4-6	1/21-22/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-3	P203B0608	6-8	1/21-22/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-3	P203B0810	8-10	1/21-22/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-3	P203B1012	10-12	1/21-22/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-3	P203B1214	12-14	1/21-22/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-3	P203B1416	14-16	1/21-22/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-3	P203B1618	16-18	1/21-22/91	Certificate of Analysis	Rejected (Depth)
ES2-3	P203B1820	18-20	1/21-22/91	Certificate of Analysis	Rejected (Depth)
ES2-3	P203B2022	20-22	1/21-22/91	Certificate of Analysis	Rejected (Depth)
ES2-3	P203B2224	22-24	1/21-22/91	Certificate of Analysis	Rejected (Depth)
ES2-3	P203B2426	24-26	1/21-22/91	Certificate of Analysis	Rejected (Depth)
ES2-3	P203B2628	26-28	1/21-22/91	Certificate of Analysis	Rejected (Depth)
ES2-3	P203B2830	28-30	1/21-22/91	Certificate of Analysis	Rejected (Depth)
ES2-4	P204B0002	0-2	1/11/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-4	P204B0204	2-4	1/11/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-4	P204B0608	6-8	1/11/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-4	P204B0810	8-10	1/11/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-4	P204B1012	10-12	1/11/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-4	P204B1012	12-14	1/11/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-4	P204B1416	14-16	1/11/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-4	P204B1618	16-18	1/11/91	Certificate of Analysis	Rejected (Depth)
ES2-4	P204B1820	18-20	1/11/91	Certificate of Analysis	Rejected (Depth)

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTION

EXISTING SOIL PCB DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
ES2-4	P204B2022	20-22	1/11/91	Certificate of Analysis	Rejected (Depth)
ES2-5	P205B0002	0-2	1/18/91	Certificate of Analysis	Paved Area Characterization
ES2-5	P205B0204	2-4	1/18/91	Certificate of Analysis	Paved Area Characterization
ES2-5	P205B0406	4-6	1/18/91	Certificate of Analysis	Paved Area Characterization
ES2-5	P205B0608	6-8	1/18/91	Certificate of Analysis	Paved Area Characterization
ES2-5	P205B0810	8-10	1/18/91	Certificate of Analysis	Paved Area Characterization
ES2-5	P205B1012	10-12	1/18/91	Certificate of Analysis	Paved Area Characterization
ES2-5	P205B1214	12-14	1/18/91	Certificate of Analysis	Paved Area Characterization
ES2-5	P205B1416	14-16	1/18/91	Certificate of Analysis	Paved Area Characterization
ES2-5	P205B1618	16-18	1/18/91	Certificate of Analysis	Rejected (Depth)
ES2-5	P205B1820	18-20	1/18/91	Certificate of Analysis	Rejected (Depth)
ES2-5	P205B2022	20-22	1/18/91	Certificate of Analysis	Rejected (Depth)
ES2-5	P205B2224	22-24	1/18/91	Certificate of Analysis	Rejected (Depth)
ES2-5	P205B2426	24-26	1/18/91	Certificate of Analysis	Rejected (Depth)
ES2-5	P205B2628	26-28	1/18/91	Certificate of Analysis	Rejected (Depth)
ES2-5	P205B2830	28-30	1/18/91	Certificate of Analysis	Rejected (Depth)
ES2-6	P206B0002	0-2	1/10/91	Certificate of Analysis	Supplemental
ES2-6	P206B0204	2-4	1/10/91	Certificate of Analysis	Supplemental
ES2-6	P206B0406	4-6	1/10/91	Certificate of Analysis	Supplemental
ES2-6	P206B0608	6-8	1/10/91	Certificate of Analysis	Supplemental
ES2-6	P206B0810	8-10	1/10/91	Certificate of Analysis	Supplemental
ES2-6	P206B1012	10-12	1/10/91	Certificate of Analysis	Supplemental
ES2-6	P206B1214	12-14	1/10/91	Certificate of Analysis	Supplemental
ES2-6	P206B1416	14-16	1/10/91	Certificate of Analysis	Supplemental
ES2-6	P206B1618	16-18	1/10/91	Certificate of Analysis	Rejected (Depth)
ES2-6	P206B1820	18-20	1/10/91	Certificate of Analysis	Rejected (Depth)
ES2-6	P206B2022	20-22	1/10/91	Certificate of Analysis	Rejected (Depth)
ES2-6	P206B2224	22-24	1/10/91	Certificate of Analysis	Rejected (Depth)
ES2-6	P206B2426	24-26	1/10/91	Certificate of Analysis	Rejected (Depth)
ES2-6	P206B2628	26-28	1/10/91	Certificate of Analysis	Rejected (Depth)
ES2-6	P206B2830	28-30	1/10/91	Certificate of Analysis	Rejected (Depth)
ES2-6	P206B3032	30-32	1/10/91	Certificate of Analysis	Rejected (Depth)
ES2-6	P206B3234	32-34	1/10/91	None - Data Summary Table Only	Rejected (Depth)
ES2-6	P206B3436	34-36	1/10/91	None - Data Summary Table Only	Rejected (Depth)
ES2-6	P206B3638	36-38	1/10/91	Certificate of Analysis	Rejected (Depth)
ES2-6	P206B3840	38-40	1/10/91	Certificate of Analysis	Rejected (Depth)
ES2-6	P206B4042	40-42	1/10/91	Certificate of Analysis	Rejected (Depth)
ES2-6	P206B4244	42-44	1/10/91	Certificate of Analysis	Rejected (Depth)
ES2-6	P206B4648	46-48	1/10/91	Certificate of Analysis	Rejected (Depth)
ES2-6	P206B4850	48-50	1/10/91	Certificate of Analysis	Rejected (Depth)
ES2-7	P207B0002	0-2	1/16-17/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-7	P207B0204	2-4	1/16-17/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-7	P207B0406	4-6	1/16-17/91	Certificate of Analysis	None (RRZ Eng. Barrier)

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTIONEXISTING SOIL PCB DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
ES2-7	P207B0608	6-8	1/16-17/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-7	P207B0810	8-10	1/16-17/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-7	P207B1012	10-12	1/16-17/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-7	P207B1214	12-14	1/16-17/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-7	P207B1416	14-16	1/16-17/91	Certificate of Analysis	None (RRZ Eng. Barrier)
ES2-7	P207B1618	16-18	1/16-17/91	Certificate of Analysis	Rejected (Depth)
ES2-7	P207B1820	18-20	1/16-17/91	Certificate of Analysis	Rejected (Depth)
ES2-7	P207B2022	20-22	1/16-17/91	Certificate of Analysis	Rejected (Depth)
ES2-7	P207B2224	22-24	1/16-17/91	Certificate of Analysis	Rejected (Depth)
ES2-7	P207B2426	24-26	1/16-17/91	Certificate of Analysis	Rejected (Depth)
ES2-7	P207B2628	26-28	1/16-17/91	Certificate of Analysis	Rejected (Depth)
ES2-7	P207B2830	28-30	1/16-17/91	Certificate of Analysis	Rejected (Depth)
ES2-7	P207B3032	30-32	1/16-17/91	Certificate of Analysis	Rejected (Depth)
ES2-7	P207B3436	34-36	1/16-17/91	Certificate of Analysis	Rejected (Depth)
ES2-7	P207B3638	36-38	1/16-17/91	Certificate of Analysis	Rejected (Depth)
ES2-7	P207B3840	38-40	1/16-17/91	Certificate of Analysis	Rejected (Depth)
ES2-7	P207B4042	40-42	1/16-17/91	Certificate of Analysis	Rejected (Depth)
GW-1	GW-1	0-6	8/28-30/90	Certificate of Analysis	Rejected (Method)
GW-2	GW-2	0-6	8/28-30/90	Certificate of Analysis	Rejected (Method)
GW-3	GW-3	0-6	8/28-30/90	Certificate of Analysis	Rejected (Method)
GW-4	GW-4	0-6	8/28-30/90	Certificate of Analysis	Rejected (Method)
GW-5	GW-5	0-6	8/28-30/90	Certificate of Analysis	Rejected (Method)
GW-6	GW-6	0-6	8/28-30/90	Certificate of Analysis	Rejected (Method)
GW-7	GW-7	0-6	8/28-30/90	Certificate of Analysis	Rejected (Method)
GW-8	GW-8	0-6	8/28-30/90	Certificate of Analysis	Rejected (Method)
GW-9	GW-9	0-6	8/28-30/90	Certificate of Analysis	Rejected (Method)
GW-10	GW-10	0-6	8/28-30/90	Certificate of Analysis	Rejected (Method)
PGS-1	PGS-1	0-0.5	3/15/97	Complete Laboratory Data Package	Supplemental
PGS-1	PGS-1	0.5-1	3/15/97	Complete Laboratory Data Package	Supplemental
PGS-2	PGS-2	0-0.5	3/15/97	Complete Laboratory Data Package	Supplemental
PGS-2	PGS-2	0.5-1	3/15/97	Complete Laboratory Data Package	Supplemental
PGS-2	PGS-2	1-1.5	3/15/97	Complete Laboratory Data Package	Supplemental
PGS-2	PGS-2	1.5-2	3/15/97	Complete Laboratory Data Package	Supplemental
PGS-3	PGS-3	0-0.5	3/15/97	Complete Laboratory Data Package	Supplemental
PGS-3	PGS-3	0.5-1	3/15/97	Complete Laboratory Data Package	Supplemental
PGS-3	PGS-3	1-1.5	3/15/97	Complete Laboratory Data Package	Supplemental
PGS-3	PGS-3	1.5-2	3/15/97	Complete Laboratory Data Package	Supplemental
PGS-4	PGS-4	0-0.5	3/15/97	Complete Laboratory Data Package	Supplemental
PGS-4	PGS-4	0.5-1	3/15/97	Complete Laboratory Data Package	Supplemental
RAA4-2	RAA4-2	0-1	1/24/01	Complete Laboratory Data Package	Grid Characterization
RAA4-2	RAA4-2	1-6	1/24/01	Complete Laboratory Data Package	Grid Characterization
RAA4-2	RAA4-2	6-15	1/24/01	Complete Laboratory Data Package	Grid Characterization
RAA4-3	RAA4-3	0-1	1/30/01	Complete Laboratory Data Package	Supplemental

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTIONEXISTING SOIL PCB DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
RAA4-4	RAA4-4	0-1	1/24/01	Complete Laboratory Data Package	Supplemental
RAA4-4	RAA4-4	1-6	1/24/01	Complete Laboratory Data Package	Supplemental
RAA4-4	RAA4-4	6-15	1/24/01	Complete Laboratory Data Package	Supplemental
RAA4-5	RAA4-5	0-1	1/30/01	Complete Laboratory Data Package	Supplemental
RAA4-6	RAA4-6	0-1	1/30/01	Complete Laboratory Data Package	Supplemental
RAA4-7	RAA4-7	0-1	1/30/01	Complete Laboratory Data Package	Supplemental
RAA4-8	RAA4-8	0-1	1/30/01	Complete Laboratory Data Package	Supplemental
RAA4-9	RAA4-9	0-1	1/30/01	Complete Laboratory Data Package	Supplemental
RAA4-10	RAA4-10	0-1	1/30/01	Complete Laboratory Data Package	Supplemental
RAA4-11	RAA4-11	0-1	1/30/01	Complete Laboratory Data Package	Supplemental
RAA4-12	RAA4-12	0-1	1/30/01	Complete Laboratory Data Package	Supplemental
RAA4-13	RAA4-13	0-1	1/30/01	Complete Laboratory Data Package	Supplemental
RAA4-14	RAA4-14	0-1	1/30/01	Complete Laboratory Data Package	Supplemental
RAA4-15	RAA4-15	0-1	1/30/01	Complete Laboratory Data Package	Supplemental
RAA4-16	RAA4-16	0-1	1/24/01	Complete Laboratory Data Package	Grid Characterization
RAA4-16	RAA4-16	1-6	1/24/01	Complete Laboratory Data Package	Grid Characterization
RAA4-16	RAA4-16	6-15	1/24/01	Complete Laboratory Data Package	Grid Characterization
RAA4-17	RAA4-17	0-1	1/29/01	Complete Laboratory Data Package	Grid Characterization
RAA4-17	RAA4-17	1-6	1/29/01	Complete Laboratory Data Package	Grid Characterization
RAA4-17	RAA4-17	6-15	1/29/01	Complete Laboratory Data Package	Grid Characterization
RAA4-18	RAA4-18	0-1	1/29/01	Complete Laboratory Data Package	Grid Characterization
RAA4-18	RAA4-18	1-6	1/29/01	Complete Laboratory Data Package	Grid Characterization
RAA4-18	RAA4-18	6-15	1/29/01	Complete Laboratory Data Package	Grid Characterization
RAA4-19	RAA4-19	0-1	1/29/01	Complete Laboratory Data Package	Grid Characterization
RAA4-19	RAA4-19	1-6	1/29/01	Complete Laboratory Data Package	Grid Characterization
RAA4-19	RAA4-19	6-15	1/29/01	Complete Laboratory Data Package	Grid Characterization
RAA4-20	RAA4-20	0-1	1/29/01	Complete Laboratory Data Package	Grid Characterization
RAA4-20	RAA4-20	1-6	1/29/01	Complete Laboratory Data Package	Grid Characterization
RAA4-20	RAA4-20	6-15	1/29/01	Complete Laboratory Data Package	Grid Characterization
RAA4-21	RAA4-21	0-1	1/29/01	Complete Laboratory Data Package	Grid Characterization
RAA4-21	RAA4-21	1-6	1/29/01	Complete Laboratory Data Package	Grid Characterization
RAA4-21	RAA4-21	6-15	1/29/01	Complete Laboratory Data Package	Grid Characterization
RAA4-22	RAA4-22	0-1	1/31/01	Complete Laboratory Data Package	Grid Characterization
RAA4-22	RAA4-22	1-6	1/31/01	Complete Laboratory Data Package	Grid Characterization
RAA4-22	RAA4-22	6-15	1/31/01	Complete Laboratory Data Package	Grid Characterization
RCP-C1	RCP-SS-C1	0-1	10/24/91	Certificate of Analysis	Grid Characterization
RCP-C1	RCP-SS-C2	1-2	10/24/91	Certificate of Analysis	Supplemental
RCP-C2	RCP-SS-C3	0-1	10/24/91	Certificate of Analysis	Supplemental
RCP-C2	RCP-SS-C4	1-2	10/24/91	Certificate of Analysis	Supplemental
RCP-C3	RCP-SS-C5	0-1	10/24/91	Certificate of Analysis	Supplemental
RCP-C3	RCP-SS-C6	1-2	10/24/91	Certificate of Analysis	Supplemental
RCP-C4	RCP-SS-C7	0-1	10/24/91	Certificate of Analysis	Grid Characterization
RCP-C4	RCP-SS-C8	1-2	10/24/91	Certificate of Analysis	Supplemental

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTION

EXISTING SOIL PCB DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
RF-1	PG01B0002	0-2	10/23/91	Certificate of Analysis	Grid Characterization
RF-1	PG01B0204	2-4	10/23/91	Certificate of Analysis	Supplemental
RF-1	PG01B0406	4-6	10/23/91	Certificate of Analysis	Supplemental
RF-1	PG01B0810	8-10	10/23/91	Certificate of Analysis	Supplemental
RF-1	PG01B1012	10-12	10/23/91	Certificate of Analysis	Supplemental
RF-1	PG01B1214	12-14	10/23/91	Certificate of Analysis	Supplemental
RF-1	PG01B1416	14-16	10/23/91	Certificate of Analysis	Supplemental
RF-1	PG01B1618	16-18	10/23/91	Certificate of Analysis	Rejected (Depth)
RF-1	PG01B1820	18-20	10/23/91	Certificate of Analysis	Rejected (Depth)
RS-1	RS-1	0-6	12/5-10/90	Certificate of Analysis	Rejected (Method)
RS-2	RS-2	0-6	12/5-10/90	Certificate of Analysis	Rejected (Method)
RS-3	RS-3	0-6	12/5-10/90	Certificate of Analysis	Rejected (Method)
RS-4	RS-4	0-6	12/5-10/90	Certificate of Analysis	Rejected (Method)
RS-5	RS-5	0-6	12/5-10/90	Certificate of Analysis	Rejected (Method)
RS-6	RS-6	0-6	12/5-10/90	Certificate of Analysis	Rejected (Method)
RS-7	RS-7	0-9	12/5-10/90	Certificate of Analysis	Rejected (Method)
SS-1	SS-1	0-10	12/5-10/90	Certificate of Analysis	Rejected (Method)
SS-2	SS-2	0-6	12/5-10/90	Certificate of Analysis	Rejected (Method)
SS-3	SS-3	0-6	12/5-10/90	Certificate of Analysis	Rejected (Method)
SW-1	SW-1	0-2	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-1	SW-1	2-4	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-1	SW-1	4-6	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-1	SW-1	6-8	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-1	SW-1	8-10	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-1	SW-1	10-12	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-1	SW-1	12-14	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-1	SW-1	14-16	8/7-12/86	None - Data Summary Table Only	Rejected (Depth)
SW-1	SW-1	16-18	8/7-12/86	None - Data Summary Table Only	Rejected (Depth)
SW-1	SW-1	18-20	8/7-12/86	None - Data Summary Table Only	Rejected (Depth)
SW-2	SW-2	0-2	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-2	SW-2	2-4	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-2	SW-2	4-6	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-2	SW-2	6-8	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-2	SW-2	8-10	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-2	SW-2	10-12	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-2	SW-2	12-14	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-2	SW-2	14-16	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-2	SW-2	16-18	8/7-12/86	None - Data Summary Table Only	Rejected (Depth)
SW-2	SW-2	18-20	8/7-12/86	None - Data Summary Table Only	Rejected (Depth)
SW-2	SW-2	20-22	8/7-12/86	None - Data Summary Table Only	Rejected (Depth)
SW-2	SW-2	22-24	8/7-12/86	None - Data Summary Table Only	Rejected (Depth)
SW-2	SW-2	24-26	8/7-12/86	None - Data Summary Table Only	Rejected (Depth)
SW-2	SW-2	26-28	8/7-12/86	None - Data Summary Table Only	Rejected (Depth)

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTIONEXISTING SOIL PCB DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
SW-4	SW-4	0-2	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-4	SW-4	2-4	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-4	SW-4	4-6	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-4	SW-4	6-8	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-4	SW-4	8-10	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-4	SW-4	10-12	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-4	SW-4	12-14	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-4	SW-4	14-16	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-4	SW-4	16-18	8/7-12/86	None - Data Summary Table Only	Rejected (Depth)
SW-4	SW-4	18-20	8/7-12/86	None - Data Summary Table Only	Rejected (Depth)
SW-4	SW-4	20-22	8/7-12/86	None - Data Summary Table Only	Rejected (Depth)
SW-4	SW-4	22-24	8/7-12/86	None - Data Summary Table Only	Rejected (Depth)
SW-4	SW-4	24-26	8/7-12/86	None - Data Summary Table Only	Rejected (Depth)
SW-4	SW-4	26-28	8/7-12/86	None - Data Summary Table Only	Rejected (Depth)
SW-5	SW-5	0-2	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-5	SW-5	2-4	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-5	SW-5	4-6	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-5	SW-5	6-8	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-5	SW-5	8-10	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-5	SW-5	10-12	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-5	SW-5	12-14	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-5	SW-5	14-16	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-5	SW-5	16-18	8/7-12/86	None - Data Summary Table Only	Rejected (Depth)
SW-5	SW-5	18-20	8/7-12/86	None - Data Summary Table Only	Rejected (Depth)
SW-5	SW-5	20-22	8/7-12/86	None - Data Summary Table Only	Rejected (Depth)
SW-5	SW-5	22-24	8/7-12/86	None - Data Summary Table Only	Rejected (Depth)
SW-5	SW-5	24-26	8/7-12/86	None - Data Summary Table Only	Rejected (Depth)
SW-5	SW-5	26-28	8/7-12/86	None - Data Summary Table Only	Rejected (Depth)
SW-8	SW-8	0-2	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-8	SW-8	2-4	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-8	SW-8	4-6	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-8	SW-8	6-8	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-8	SW-8	8-10	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-8	SW-8	10-12	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-8	SW-8	12-14	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-8	SW-8	14-16	8/7-12/86	None - Data Summary Table Only	Rejected (Method)
SW-8	SW-8	16-18	8/7-12/86	None - Data Summary Table Only	Rejected (Depth)
SW-8	SW-8	18-20	8/7-12/86	None - Data Summary Table Only	Rejected (Depth)
SW-8	SW-8	20-22	8/7-12/86	None - Data Summary Table Only	Rejected (Depth)
SW-8	SW-8	22-24	8/7-12/86	None - Data Summary Table Only	Rejected (Depth)
SW-8	SW-8	24-26	8/7-12/86	None - Data Summary Table Only	Rejected (Depth)
SW-8	SW-8	26-28	8/7-12/86	None - Data Summary Table Only	Rejected (Depth)
TW-SB-1	ESA2-SB-1	0-1	5/27/99	Complete Laboratory Data Package	Grid Characterization

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTIONEXISTING SOIL PCB DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
TW-SB-1	ESA2-SB-1	1-2	5/27/99	Complete Laboratory Data Package	Grid Characterization
TW-SB-1	ESA2-SB-1	2-4	5/27/99	Complete Laboratory Data Package	Grid Characterization
TW-SB-1	ESA2-SB-1	4-6	5/27/99	Complete Laboratory Data Package	Grid Characterization
TW-SB-1	ESA2-SB-1	6-8	5/27/99	Complete Laboratory Data Package	Grid Characterization
TW-SB-1	ESA2-SB-1	8-10	5/27/99	Complete Laboratory Data Package	Grid Characterization
TW-SB-1	ESA2-SB-1	10-14	5/27/99	Complete Laboratory Data Package	Grid Characterization
WM-1	WM-1	0-6	12/5-10/90	Certificate of Analysis	Rejected (Method)
WM-2	WM-2	0-6	12/5-10/90	None - Data Summary Table Only	Rejected (Method)
WTF-B-1	B-1	0-2	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-1	B-1	2-4	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-1	B-1	4-6	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-1	B-1	6-8	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-1	B-1	8-10	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-1	B-1	10-12	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-1	B-1	12-14	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-1	B-1	14-16	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-1	B-1	16-18	2/17-19/87	None - Data Summary Table Only	Rejected (Depth)
WTF-B-1	B-1	18-20	2/17-19/87	None - Data Summary Table Only	Rejected (Depth)
WTF-B-2	B-2	0-2	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-2	B-2	2-4	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-2	B-2	4-6	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-2	B-2	6-8	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-2	B-2	8-10	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-2	B-2	10-12	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-2	B-2	12-14	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-2	B-2	16-18	2/17-19/87	None - Data Summary Table Only	Rejected (Depth)
WTF-B-2	B-2	18-20	2/17-19/87	None - Data Summary Table Only	Rejected (Depth)
WTF-B-3	B-3	0-2	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-3	B-3	2-4	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-3	B-3	4-6	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-3	B-3	6-8	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-3	B-3	8-10	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-3	B-3	10-12	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-3	B-3	12-14	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-3	B-3	16-18	2/17-19/87	None - Data Summary Table Only	Rejected (Depth)
WTF-B-3	B-3	18-20	2/17-19/87	None - Data Summary Table Only	Rejected (Depth)
WTF-B-4	B-4	0-2	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-4	B-4	2-4	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-4	B-4	4-6	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-4	B-4	6-8	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-4	B-4	8-10	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-4	B-4	10-12	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-4	B-4	12-14	2/17-19/87	None - Data Summary Table Only	Rejected (Method)

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTIONEXISTING SOIL PCB DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
WTF-B-4	B-4	14-16	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-4	B-4	16-18	2/17-19/87	None - Data Summary Table Only	Rejected (Depth)
WTF-B-4	B-4	18-20	2/17-19/87	None - Data Summary Table Only	Rejected (Depth)
WTF-B-5	B-5	0-2	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-5	B-5	2-4	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-5	B-5	4-6	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-5	B-5	6-8	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-5	B-5	8-10	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-5	B-5	10-12	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-5	B-5	12-14	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-5	B-5	14-16	2/17-19/87	None - Data Summary Table Only	Rejected (Method)
WTF-B-5	B-5	16-18	2/17-19/87	None - Data Summary Table Only	Rejected (Depth)
WTF-B-5	B-5	18-20	2/17-19/87	None - Data Summary Table Only	Rejected (Depth)
X-1	P2X010002	0-2	7/2/91	Certificate of Analysis	None (RRZ Eng. Barrier)
X-1	P2X010204	2-4	7/2/91	Certificate of Analysis	None (RRZ Eng. Barrier)
X-1	P2X010406	4-6	7/2/91	Certificate of Analysis	None (RRZ Eng. Barrier)
X-1	P2X010608	6-8	7/2/91	Certificate of Analysis	None (RRZ Eng. Barrier)
X-1	P2X010810	8-10	7/2/91	Certificate of Analysis	None (RRZ Eng. Barrier)
X-4	P2X040002	0-2	6/25-26/91	Certificate of Analysis	Paved Area Characterization
X-4	P2X040204	2-4	6/25-26/91	Certificate of Analysis	Paved Area Characterization
X-4	P2X040406	4-6	6/25-26/91	Certificate of Analysis	Paved Area Characterization
X-4	P2X040608	6-8	6/25-26/91	Certificate of Analysis	Paved Area Characterization
X-4	P2X0810	8-10	6/25-26/91	Certificate of Analysis	Paved Area Characterization
X-4	P2X041012	10-12	6/25-26/91	Certificate of Analysis	Paved Area Characterization
X-5	P2X050002	0-2	6/25/91	Certificate of Analysis	Paved Area Characterization
X-5	P2X050204	2-4	6/25/91	Certificate of Analysis	Paved Area Characterization
X-5	P2X050406	4-6	6/25/91	Certificate of Analysis	Paved Area Characterization
X-5	P2X050608	6-8	6/25/91	Certificate of Analysis	Paved Area Characterization
X-5	P2X050810	8-10	6/25/91	Certificate of Analysis	Paved Area Characterization
X-5	P2X051012	10-12	6/25/91	Certificate of Analysis	Paved Area Characterization
X-5	P2X051214	12-14	6/25/91	Certificate of Analysis	Paved Area Characterization
X-6	P2X060002	0-2	6/25/91	Certificate of Analysis	Grid Characterization
X-6	P2X060204	2-4	6/25/91	Certificate of Analysis	Grid Characterization
X-6	P2X060406	4-6	6/25/91	Certificate of Analysis	Grid Characterization
X-6	P2X060608	6-8	6/25/91	Certificate of Analysis	Supplemental
X-6	P2X060810	8-10	6/25/91	Certificate of Analysis	Supplemental
X-7	P2X070002	0-2	6/26/91	Certificate of Analysis	Grid Characterization
X-7	P2X070204	2-4	6/26/91	Certificate of Analysis	Grid Characterization
X-7	P2X070406	4-6	6/26/91	Certificate of Analysis	Grid Characterization
X-7	P2X070608	6-8	6/26/91	Certificate of Analysis	Grid Characterization
X-7	P2X070810	8-10	6/26/91	Certificate of Analysis	Grid Characterization
X-7	P2X071012	10-12	6/26/91	Certificate of Analysis	Grid Characterization
X-7	P2X071214	12-14	6/26/91	Certificate of Analysis	Grid Characterization

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTIONEXISTING SOIL PCB DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
X-7	P2X071416	14-16	6/26/91	Certificate of Analysis	Grid Characterization
X-8	P2X080002	0-2	6/28/91	Certificate of Analysis	Grid Characterization
X-8	P2X080204	2-4	6/28/91	Certificate of Analysis	Grid Characterization
X-8	P2X080406	4-6	6/28/91	Certificate of Analysis	Grid Characterization
X-8	P2X080608	6-8	6/28/91	Certificate of Analysis	Grid Characterization
X-8	P2X080810	8-10	6/28/91	Certificate of Analysis	Grid Characterization
X-8	P2X081012	10-12	6/28/91	Certificate of Analysis	Grid Characterization
X-8	P2X081214	12-14	6/28/91	Certificate of Analysis	Grid Characterization
X-9	P2X090002	0-2	7/1/91	Certificate of Analysis	Grid Characterization
X-9	P2X090204	2-4	7/1/91	Certificate of Analysis	Grid Characterization
X-9	P2X090406	4-6	7/1/91	Certificate of Analysis	Grid Characterization
X-9	P2X090608	6-8	7/1/91	Certificate of Analysis	Grid Characterization
X-9	P2X090810	8-10	7/1/91	Complete Laboratory Data Package	Grid Characterization
X-9	P2X091012	10-12	7/1/91	Certificate of Analysis	Grid Characterization
X-9	P2X091214	12-14	7/1/91	Certificate of Analysis	Grid Characterization
X-10	P2X100002	0-2	7/2/91	Certificate of Analysis	Supplemental
X-10	P2X100204	2-4	7/2/91	Certificate of Analysis	Supplemental
X-10	P2X100608	6-8	7/2/91	Certificate of Analysis	Grid Characterization
X-10	P2X100810	8-10	7/2/91	Certificate of Analysis	Grid Characterization
X-10	P2X101012	10-12	7/2/91	Certificate of Analysis	Grid Characterization
X-11	P2X110002	0-2	7/1/91	Certificate of Analysis	Paved Area Characterization
X-11	P2X110204	2-4	7/1/91	Certificate of Analysis	Paved Area Characterization
X-11	P2X110406	4-6	7/1/91	Certificate of Analysis	Paved Area Characterization
X-11	P2X110608	6-8	7/1/91	Certificate of Analysis	Paved Area Characterization
X-11	P2X110810	8-10	7/1/91	Certificate of Analysis	Paved Area Characterization
X-11	P2X111012	10-12	7/1/91	Certificate of Analysis	Paved Area Characterization
X-11	P2X111416	14-16	7/1/91	Certificate of Analysis	Paved Area Characterization
X-11	P2X111618	16-18	7/1/91	Certificate of Analysis	Rejected (Depth)
X-12	P2X120002	0-2	7/3/91	Certificate of Analysis	Grid Characterization
X-12	P2X120204	2-4	7/3/91	Certificate of Analysis	Grid Characterization
X-12	P2X120406	4-6	7/3/91	Certificate of Analysis	Grid Characterization
X-12	P2X120608	6-8	7/3/91	Certificate of Analysis	Supplemental
X-12	P2X120810	8-10	7/3/91	Certificate of Analysis	Supplemental
X-13	P2X130002	0-2	7/3/91	Certificate of Analysis	Grid Characterization
X-13	P2X130406	4-6	7/3/91	Certificate of Analysis	Supplemental
X-13	P2X130810	8-10	7/3/91	Certificate of Analysis	Supplemental
X-13	P2X131012	10-12	7/3/91	Certificate of Analysis	Supplemental
X-14	P2X140002	0-2	7/5/91	Certificate of Analysis	Paved Area Characterization
X-14	P2X140204	2-4	7/5/91	Certificate of Analysis	Paved Area Characterization
X-14	P2X140406	4-6	7/5/91	Certificate of Analysis	Paved Area Characterization
X-14	P2X140608	6-8	7/5/91	Certificate of Analysis	Paved Area Characterization
X-14	P2X140810	8-10	7/5/91	Certificate of Analysis	Paved Area Characterization
X-14	P2X141012	10-12	7/5/91	Certificate of Analysis	Paved Area Characterization

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTIONEXISTING SOIL PCB DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
X-14	P2X141214	12-14	7/5/91	Certificate of Analysis	Paved Area Characterization
X-14	P2X141416	14-16	7/5/91	Certificate of Analysis	Paved Area Characterization
X-15	P2X150002	0-2	7/5/91	Complete Laboratory Data Package	Grid Characterization
X-15	P2X150204	2-4	7/5/91	Certificate of Analysis	Grid Characterization
X-15	P2X150406	4-6	7/5/91	Certificate of Analysis	Grid Characterization
X-15	P2X150608	6-8	7/5/91	Certificate of Analysis	Grid Characterization
X-15	P2X150810	8-10	7/5/91	Certificate of Analysis	Grid Characterization
X-15	P2X151012	10-12	7/5/91	Certificate of Analysis	Grid Characterization
X-15	P2X151214	12-14	7/5/91	Certificate of Analysis	Grid Characterization
X-15	P2X151416	14-16	7/5/91	Certificate of Analysis	Grid Characterization
X-15	P2X151618	16-18	7/5/91	Certificate of Analysis	Rejected (Depth)
X-16	P2X160002	0-2	7/8/91	Certificate of Analysis	Supplemental
X-16	P2X160204	2-4	7/8/91	Certificate of Analysis	Supplemental
X-16	P2X160406	4-6	7/8/91	Certificate of Analysis	Supplemental
X-16	P2X160608	6-8	7/8/91	Certificate of Analysis	Supplemental
X-16	P2X160810	8-10	7/8/91	Certificate of Analysis	Supplemental
X-16	P2X161012	10-12	7/8/91	Certificate of Analysis	Supplemental
X-16	P2X161214	12-14	7/8/91	Certificate of Analysis	Supplemental
X-18	P2X180002	0-2	7/8/91	Certificate of Analysis	Supplemental
X-18	P2X180204	2-4	7/8/91	Certificate of Analysis	Supplemental
X-18	P2X180406	4-6	7/8/91	Certificate of Analysis	Supplemental
X-18	P2X180608	6-8	7/8/91	Certificate of Analysis	Supplemental
X-18	P2X180810	8-10	7/8/91	Certificate of Analysis	Supplemental
X-18	P2X181416	14-16	7/8/91	Certificate of Analysis	Supplemental
X-19	P2X190002	0-2	7/9/91	Certificate of Analysis	Supplemental
X-19	P2X190204	2-4	7/9/91	Certificate of Analysis	Supplemental
X-19	P2X190406	4-6	7/9/91	Certificate of Analysis	Supplemental
X-19	P2X190608	6-8	7/9/91	Certificate of Analysis	Supplemental
X-19	P2X190810	8-10	7/9/91	Certificate of Analysis	Supplemental
X-20	P2X200002	0-2	7/9/91	Certificate of Analysis	Supplemental
X-20	P2X200204	2-4	7/9/91	Certificate of Analysis	Supplemental
X-20	P2X200406	4-6	7/9/91	Certificate of Analysis	Supplemental
X-20	P2X200608	6-8	7/9/91	Certificate of Analysis	Supplemental
X-20	P2X200810	8-10	7/9/91	Certificate of Analysis	Supplemental
X-20	P2X201012	10-12	7/9/91	Certificate of Analysis	Supplemental
X-20	P2X201214	12-14	7/9/91	Certificate of Analysis	Supplemental
Y-1	P2Y010002	0-2	6/6/91	Certificate of Analysis	None (RRZ Eng. Barrier)
Y-1	P2Y010204	2-4	6/6/91	Certificate of Analysis	None (RRZ Eng. Barrier)
Y-1	P2Y010406	4-6	6/6/91	Certificate of Analysis	None (RRZ Eng. Barrier)
Y-1	P2Y010608	6-8	6/6/91	Certificate of Analysis	None (RRZ Eng. Barrier)
Y-1	Y-1(split)	8-10	6/6/91	Certificate of Analysis	None (RRZ Eng. Barrier)
Y-2	P2Y020002	0-2	6/7/91	Certificate of Analysis	None (RRZ Eng. Barrier)
Y-2	P2Y020204	2-4	6/7/91	Certificate of Analysis	None (RRZ Eng. Barrier)

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTIONEXISTING SOIL PCB DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
Y-2	P2Y020406	4-6	6/7/91	Certificate of Analysis	None (RRZ Eng. Barrier)
Y-2	Y-2 (split)	6-8	6/7/91	Certificate of Analysis	None (RRZ Eng. Barrier)
Y-2	P2Y020810	8-10	6/7/91	Certificate of Analysis	None (RRZ Eng. Barrier)
Y-3	P2Y030002	0-2	6/5/91	Certificate of Analysis	None (RRZ Eng. Barrier)
Y-3	P2Y030204	2-4	6/5/91	Certificate of Analysis	None (RRZ Eng. Barrier)
Y-3	P2Y030406	4-6	6/5/91	Certificate of Analysis	None (RRZ Eng. Barrier)
Y-3	P2Y030608	6-8	6/5/91	Certificate of Analysis	None (RRZ Eng. Barrier)
Y-3	Y-3 (split)	8-10	6/5/91	Certificate of Analysis	None (RRZ Eng. Barrier)
Y-3	P2Y031012	10-12	6/5/91	Certificate of Analysis	None (RRZ Eng. Barrier)
Y-3	P2Y031214	12-14	6/5/91	Certificate of Analysis	None (RRZ Eng. Barrier)
Y-3	P2Y031416	14-16	6/5/91	Certificate of Analysis	None (RRZ Eng. Barrier)
Y-4	P2Y040002	0-2	6/5/91	Certificate of Analysis	Supplemental
Y-4	P2Y040204	2-4	6/5/91	Certificate of Analysis	Supplemental
Y-4	Y-4 (split)	4-6	6/5/91	Certificate of Analysis	Supplemental
Y-4	P2Y040608	6-8	6/5/91	Certificate of Analysis	Supplemental
Y-4	P2Y040810	8-10	6/5/91	Certificate of Analysis	Supplemental
Y-5	P2Y050002	0-2	6/6/91	None - Data Summary Table Only	Supplemental
Y-5	P2Y050204	2-4	6/6/91	Certificate of Analysis	Supplemental
Y-5	Y-5 (split)	4-6	6/6/91	Certificate of Analysis	Supplemental
Y-5	P2Y050608	6-8	6/6/91	Certificate of Analysis	Supplemental
Y-5	P2Y050810	8-10	6/6/91	Certificate of Analysis	Supplemental
Y-5	P2Y051012	10-12	6/6/91	Certificate of Analysis	Supplemental
Y-5	P2Y051214	12-14	6/6/91	Certificate of Analysis	Supplemental
Y-6	P2Y060002	0-2	6/11/91	Certificate of Analysis	Grid Characterization
Y-6	P2Y060204	2-4	6/11/91	Certificate of Analysis	Supplemental
Y-6	Y-6 (split)	4-6	6/11/91	Certificate of Analysis	Supplemental
Y-6	P2Y060608	6-8	6/11/91	Certificate of Analysis	Supplemental
Y-6	P2Y060810	8-10	6/11/91	Certificate of Analysis	Supplemental
Y-7	P2Y070002	0-2	6/6/91	Certificate of Analysis	Grid Characterization
Y-7	P2Y070204	2-4	6/6/91	Certificate of Analysis	Grid Characterization
Y-7	Y-7 (split)	4-6	6/6/91	Certificate of Analysis	Grid Characterization
Y-7	P2Y070608	6-8	6/6/91	Certificate of Analysis	Supplemental
Y-7	P2Y070810	8-10	6/6/91	Certificate of Analysis	Supplemental
Y-8	P2Y080002	0-2	6/12/91	Certificate of Analysis	Paved Area Characterization
Y-8	Y-8 (split)	2-4	6/12/91	Certificate of Analysis	Paved Area Characterization
Y-8	P2Y080406	4-6	6/12/91	Certificate of Analysis	Paved Area Characterization
Y-8	P2Y080608	6-8	6/12/91	Certificate of Analysis	Supplemental
Y-8	P2Y080810	8-10	6/12/91	Certificate of Analysis	Supplemental
Y-9	P2Y090002	0-2	6/7/91	Certificate of Analysis	Paved Area Characterization
Y-9	P2Y090204	2-4	6/7/91	Certificate of Analysis	Paved Area Characterization
Y-9	Y-9 (split)	4-6	6/7/91	Certificate of Analysis	Paved Area Characterization
Y-9	P2Y090608	6-8	6/7/91	Certificate of Analysis	Paved Area Characterization
Y-9	P2Y090810	8-10	6/7/91	Certificate of Analysis	Paved Area Characterization

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTION

EXISTING SOIL PCB DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
Y-9	P2Y091012	10-12	6/7/91	Certificate of Analysis	Paved Area Characterization
Y-10	P2Y100002	0-2	6/20/91	Certificate of Analysis	Grid Characterization
Y-10	P2Y100204	2-4	6/20/91	Certificate of Analysis	Supplemental
Y-10	P2Y100406	4-6	6/20/91	None - Data Summary Table Only	Supplemental
Y-10	P2Y100608	6-8	6/20/91	None - Data Summary Table Only	Supplemental
Y-10	P2Y100810	8-10	6/20/91	Certificate of Analysis	Supplemental
Y-10	P2Y101012	10-12	6/20/91	Certificate of Analysis	Supplemental
Y-11	P2Y110002	0-2	6/12/91	Certificate of Analysis	Paved Area Characterization
Y-11	Y-11 (split)	2-4	6/12/91	Certificate of Analysis	Paved Area Characterization
Y-11	P2Y110406	4-6	6/12/91	Certificate of Analysis	Paved Area Characterization
Y-11	P2Y110608	6-8	6/12/91	Certificate of Analysis	Supplemental
Y-11	P2Y110810	8-10	6/12/91	Certificate of Analysis	Supplemental
Y-12	P2Y120002	0-2	6/12/91	Certificate of Analysis	Paved Area Characterization
Y-12	Y-12 (split)	2-4	6/12/91	Certificate of Analysis	Paved Area Characterization
Y-12	P2Y120406	4-6	6/12/91	Certificate of Analysis	Paved Area Characterization
Y-12	P2Y120608	6-8	6/12/91	Certificate of Analysis	Paved Area Characterization
Y-12	P2Y120810	8-10	6/12/91	Certificate of Analysis	Paved Area Characterization
Y-12	P2Y120810	10-12	6/12/91	Certificate of Analysis	Paved Area Characterization
Y-12	P2Y120810	12-14	6/12/91	Certificate of Analysis	Paved Area Characterization
Y-12	P2Y120810	14-16	6/12/91	Certificate of Analysis	Paved Area Characterization
Y-12	P2Y120810	16-18	6/12/91	Certificate of Analysis	Rejected (Depth)
Y-13	P2Y130002	0-2	6/14/91	Certificate of Analysis	Paved Area Characterization
Y-13	Y-13 (split)	2-4	6/14/91	Certificate of Analysis	Paved Area Characterization
Y-13	P2Y130406	4-6	6/14/91	Certificate of Analysis	Paved Area Characterization
Y-13	P2Y130608	6-8	6/14/91	Certificate of Analysis	Supplemental
Y-13	P2Y130810	8-10	6/14/91	Certificate of Analysis	Supplemental
Y-14	P2Y140002	0-2	6/14/91	Certificate of Analysis	Grid Characterization
Y-14	P2Y140204	2-4	6/14/91	Certificate of Analysis	Grid Characterization
Y-14	Y-14 (split)	4-6	6/14/91	Certificate of Analysis	Grid Characterization
Y-14	P2Y140608	6-8	6/14/91	Certificate of Analysis	Grid Characterization
Y-14	P2Y140810	8-10	6/14/91	Certificate of Analysis	Grid Characterization
Y-14	P2Y141012	10-12	6/14/91	Certificate of Analysis	Grid Characterization
Y-14	P2Y141214	12-14	6/14/91	Certificate of Analysis	Grid Characterization
Y-15	P2Y150002	0-2	6/20/91	Certificate of Analysis	Paved Area Characterization
Y-15	P2Y150204	2-4	6/20/91	Certificate of Analysis	Paved Area Characterization
Y-15	P2Y150406	4-6	6/20/91	Certificate of Analysis	Paved Area Characterization
Y-15	P2Y150608	6-8	6/20/91	Certificate of Analysis	Paved Area Characterization
Y-15	P2Y150810	8-10	6/20/91	Certificate of Analysis	Paved Area Characterization
Y-15	P2Y151012	10-12	6/20/91	Certificate of Analysis	Paved Area Characterization
Y-16	P2Y160002	0-2	6/14/91	Certificate of Analysis	Paved Area Characterization
Y-16	P2Y160204	2-4	6/14/91	Certificate of Analysis	Paved Area Characterization
Y-16	P2Y160406	4-6	6/14/91	Certificate of Analysis	Paved Area Characterization
Y-16	P2Y160608	6-8	6/14/91	Certificate of Analysis	Supplemental

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTIONEXISTING SOIL PCB DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
Y-16	Y-16 (split)	8-10	6/14/91	Certificate of Analysis	Supplemental
Y-16	P2Y161012	10-12	6/14/91	None - Data Summary Table Only	Supplemental
Y-17	P2Y170002	0-2	6/18/91	None - Data Summary Table Only	Supplemental
Y-17	Y-17 (split)	2-4	6/18/91	Certificate of Analysis	Supplemental
Y-17	P2Y170406	4-6	6/18/91	None - Data Summary Table Only	Supplemental
Y-17	P2Y170608	6-8	6/18/91	None - Data Summary Table Only	Supplemental
Y-17	P2Y170810	8-10	6/18/91	None - Data Summary Table Only	Supplemental
Y-17	P2Y171012	10-12	6/18/91	None - Data Summary Table Only	Supplemental
Y-17	P2Y171214	12-14	6/18/91	None - Data Summary Table Only	Supplemental
Y-17	P2Y171416	14-16	6/18/91	None - Data Summary Table Only	Supplemental
Y-18	P2Y180002	0-2	6/18/91	None - Data Summary Table Only	Supplemental
Y-18	Y-18 (split)	2-4	6/18/91	Certificate of Analysis	Supplemental
Y-18	P2Y180406	4-6	6/18/91	None - Data Summary Table Only	Supplemental
Y-18	P2Y180608	6-8	6/18/91	None - Data Summary Table Only	Supplemental
Y-18	P2Y180810	8-10	6/18/91	None - Data Summary Table Only	Supplemental
Y-18	P2Y181012	10-12	6/18/91	None - Data Summary Table Only	Supplemental
Y-18	P2Y181214	12-14	6/18/91	None - Data Summary Table Only	Supplemental
Y-19	P2Y190002	0-2	6/19/91	Certificate of Analysis	Supplemental
Y-19	P2Y190204	2-4	6/19/91	Certificate of Analysis	Supplemental
Y-19	P2Y190406	4-6	6/19/91	Certificate of Analysis	Supplemental
Y-19	P2Y190608	6-8	6/19/91	Certificate of Analysis	Supplemental
Y-19	P2Y190810	8-10	6/19/91	Certificate of Analysis	Supplemental
Y-19	Y-19 (split)	10-12	6/19/91	Certificate of Analysis	Supplemental
Y-19	P2Y191214	12-14	6/19/91	Certificate of Analysis	Supplemental
Y-20	P2Y200002	0-2	6/20/91	Certificate of Analysis	Paved Area Characterization
Y-20	P2Y200204	2-4	6/20/91	Certificate of Analysis	Paved Area Characterization
Y-20	P2Y200406	4-6	6/20/91	Certificate of Analysis	Paved Area Characterization
Y-20	P2Y200608	6-8	6/20/91	Certificate of Analysis	Paved Area Characterization
Y-20	P2Y200810	8-10	6/20/91	Certificate of Analysis	Paved Area Characterization
Y-20	P2Y201012	10-12	6/20/91	Certificate of Analysis	Paved Area Characterization
Y-20	P2Y201214	12-14	6/20/91	Certificate of Analysis	Paved Area Characterization
Y-21	P2Y210002	0-2	6/24/91	Certificate of Analysis	Paved Area Characterization
Y-21	P2Y210204	2-4	6/24/91	Certificate of Analysis	Paved Area Characterization
Y-21	P2Y210406	4-6	6/24/91	Certificate of Analysis	Paved Area Characterization
Y-21	P2Y210608	6-8	6/24/91	Certificate of Analysis	Paved Area Characterization
Y-21	P2Y210810	8-10	6/24/91	Certificate of Analysis	Paved Area Characterization
Y-21	P2Y211012	10-12	6/24/91	Certificate of Analysis	Paved Area Characterization
Y-21	P2Y211214	12-14	6/24/91	Certificate of Analysis	Paved Area Characterization
Y-21	P2Y211416	14-16	6/24/91	Certificate of Analysis	Paved Area Characterization
Y-22	P2Y220002	0-2	6/24/91	Certificate of Analysis	Paved Area Characterization
Y-22	P2Y220204	2-4	6/24/91	Certificate of Analysis	Paved Area Characterization
Y-22	P2Y220406	4-6	6/24/91	Certificate of Analysis	Paved Area Characterization
Y-22	P2Y220608	6-8	6/24/91	Certificate of Analysis	Supplemental

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTION

EXISTING SOIL PCB DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
Y-22	P2Y220810	8-10	6/24/91	Certificate of Analysis	Supplemental
Y-23	P2Y230002	0-2	6/21/91	Certificate of Analysis	Paved Area Characterization
Y-23	P2Y230204	2-4	6/21/91	Certificate of Analysis	Paved Area Characterization
Y-23	P2Y230406	4-6	6/21/91	Certificate of Analysis	Paved Area Characterization
Y-23	P2Y230608	6-8	6/21/91	Certificate of Analysis	Paved Area Characterization
Y-23	P2Y230810	8-10	6/21/91	Certificate of Analysis	Paved Area Characterization
Y-23	P2Y231012	10-12	6/21/91	Certificate of Analysis	Paved Area Characterization
Y-23	P2Y231214	12-14	6/21/91	Certificate of Analysis	Paved Area Characterization
Y-24	P2Y240002	0-2	6/24/91	Certificate of Analysis	Paved Area Characterization
Y-24	P2Y240204	2-4	6/24/91	Certificate of Analysis	Paved Area Characterization
Y-24	P2Y240406	4-6	6/24/91	Certificate of Analysis	Paved Area Characterization
Y-24	P2Y240608	6-8	6/24/91	Certificate of Analysis	Supplemental
Y-24	P2Y240810	8-10	6/24/91	Certificate of Analysis	Supplemental
Y-24	P2Y241012	10-12	6/24/91	None - Data Summary Table Only	Supplemental
Y-26	P2Y260002	0-2	6/21/91	Certificate of Analysis	Paved Area Characterization
Y-26	P2Y260204	2-4	6/21/91	Certificate of Analysis	Paved Area Characterization
Y-26	P2Y260406	4-6	6/21/91	Certificate of Analysis	Paved Area Characterization
Y-26	P2Y260608	6-8	6/21/91	Certificate of Analysis	Supplemental
Y-26	P2Y260810	8-10	6/21/91	Certificate of Analysis	Supplemental
Y-27	P2Y270002	0-2	6/14/91	None - Data Summary Table Only	Supplemental
Y-27	P2Y270204	2-4	6/14/91	None - Data Summary Table Only	Supplemental
Y-27	Y-27 (split)	4-6	6/14/91	Complete Laboratory Data Package	Supplemental

TABLE 2

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTION

EXISTING SOIL APPENDIX IX+3 DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Analyte Group					Available Documentation	Proposed Data Usage
				VOCs	SVOCs	PCDDs/ PCDFs	Inorganics	Pest/ Herb		
68S-1	68S-1	10-12	8/7/96	x					Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68S-3	68S-3	6-8	8/7/96	x					Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68S-3	68S-3	8-10	8/7/96	x	x	x	x		Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68S-4	68S-4	0-2	8/8/96	x	x	x	x		Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68S-4	68S-4	2-4	8/8/96	x					Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68S-4	68S-4	4-6	8/8/96	x					Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68S-4	68S-4	6-8	8/8/96	x					Complete Laboratory Data Package	None (RRZ Eng. Barrier)
68S-4	68S-4	8-10	8/8/96	x					Complete Laboratory Data Package	None (RRZ Eng. Barrier)
95-01	201B1214	12-14	2/27/96	x	x		x		Complete Laboratory Data Package	Appendix IX Characterization
95-02	202B00608	6-8	2/15/96	x	x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
95-03	203B1214	12-14	3/12/96	x	x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
95-04	204B0810	8-10	3/11/96	x	x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
95-05	205B0810	8-10	2/12/96	x	x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
95-05	205B1618	16-18	2/12/96	x	x	x	x		Complete Laboratory Data Package	Rejected (Depth)
95-06	206B1416	14-16	2/29/96	x	x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
95-07	207B0204	2-4	2/23/96	x	x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
95-07	207B1820	18-20	2/23/96	x	x	x	x		Complete Laboratory Data Package	Rejected (Depth)
95-08	208B1618	16-18	2/29/96	x	x	x	x		Complete Laboratory Data Package	Rejected (Depth)
95-19	219B1416	14-16	2/13/96	x	x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
95-25	225B0810	8-10	2/27/96	x	x	x			Complete Laboratory Data Package	Appendix IX Characterization
95-26	226B1012	10-12	2/22/96	x	x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
95-26	226B2022	20-22	2/22/96	x	x	x	x		Complete Laboratory Data Package	Rejected (Depth)
95-27	227B1416	14-16	2/29/96	x	x	x	x		Complete Laboratory Data Package	None (RRZ Eng. Barrier)
95-28	228B3032	30-32	3/11/96	x	x	x	x		Complete Laboratory Data Package	Rejected (Depth)
206S	206S0-6	0-0.5	9/17/97	x	x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
207S	207S0-6	0-0.5	9/17/97	x	x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
208S	208S0-6	0-0.5	9/17/97	x	x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
209S	209S0-6	0-0.5	9/17/97	x	x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
211S	211S0-6	0-0.5	9/17/97	x	x	x	x		Complete Laboratory Data Package	Appendix IX Characterization

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTION

EXISTING SOIL APPENDIX IX+3 DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Analyte Group					Available Documentation	Proposed Data Usage
				VOCs	SVOCs	PCDDs/ PCDFs	Inorganics	Pest/ Herb		
BF-1	BF-1	0-0.5	12/5-10/90	x					Certificate of Analysis	Appendix IX Supplemental
BF-2	BF-2	0-0.58	12/5-10/90	x					Certificate of Analysis	Appendix IX Supplemental
BF-3	BF-3	0-0.58	12/5-10/90	x					Certificate of Analysis	Appendix IX Supplemental
BF-6	BF-6	0-3	12/5-10/90		x		x		Certificate of Analysis	Appendix IX Supplemental
CA-1	CA-1	0-5	12/5-10/90	x	x		x		Certificate of Analysis	Rejected (Composite Sample)
D-1	D-1	0-6	12/5-10/90		x		x		Certificate of Analysis	Rejected (Composite Sample)
D-2	D-2	0-6	12/5-10/90		x		x		Certificate of Analysis	Rejected (Composite Sample)
D-3	D-3	0-2	12/5-10/90		x		x		Certificate of Analysis	Rejected (Composite Sample)
E-1	E-1	0-6	12/5-10/90	x					Certificate of Analysis	Rejected (Composite Sample)
E2SC-01	CS0615	6-15	10/9/98		x	x	x	x	Complete Laboratory Data Package	Appendix IX Characterization
E2SC-01	SS09	14-15	10/9/98	x					Complete Laboratory Data Package	Appendix IX Characterization
E2SC-01	CS3840	38-40	10/12/98		x	x	x	x	Complete Laboratory Data Package	Rejected (Depth)
E2SC-01	SS22	38-40	10/12/98	x					Complete Laboratory Data Package	Rejected (Depth)
E2SC-02	CS0615	6-15	10/21/98		x	x	x	x	Complete Laboratory Data Package	Appendix IX Characterization
E2SC-02	SS09	14-15	10/21/98	x					Complete Laboratory Data Package	Appendix IX Characterization
E2SC-02	SS22	38-40	10/23/98	x					Complete Laboratory Data Package	Rejected (Depth)
E2SC-02	CS4042	40-42	10/23/98	x	x	x	x	x	Complete Laboratory Data Package	Rejected (Depth)
E2SC-03	CS0615	6-15	10/15/98	x	x	x	x	x	Complete Laboratory Data Package	Appendix IX Characterization
E2SC-03	SS08	12-14	10/15/98	x					Complete Laboratory Data Package	Appendix IX Characterization
E2SC-03	SS25	44-46	10/15/98	x					Complete Laboratory Data Package	Rejected (Depth)
E2SC-03	CS4448	44-48	10/15/98	x	x	x	x	x	Complete Laboratory Data Package	Rejected (Depth)
E2SC-04	CS0615	6-15	10/13/98		x	x	x	x	Complete Laboratory Data Package	Appendix IX Characterization
E2SC-04	SS09	14-15	10/13/98	x					Complete Laboratory Data Package	Appendix IX Characterization
E2SC-05	CS0615	6-15	10/25/98		x	x	x	x	Complete Laboratory Data Package	Appendix IX Characterization
E2SC-05	SS07	10-12	10/25/98	x					Complete Laboratory Data Package	Appendix IX Characterization
E2SC-05	CS3840	38-40	10/26/98		x	x	x	x	Complete Laboratory Data Package	Appendix IX Characterization
E2SC-05	SS22	38-40	10/26/98	x					Complete Laboratory Data Package	Appendix IX Characterization
E2SC-06	CS0615	6-15	10/23/98		x	x	x	x	Complete Laboratory Data Package	Appendix IX Characterization
E2SC-06	SS08	12-14	10/23/98	x					Complete Laboratory Data Package	Appendix IX Characterization

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTION

EXISTING SOIL APPENDIX IX+3 DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Analyte Group					Available Documentation	Proposed Data Usage
				VOCs	SVOCs	PCDDs/ PCDFs	Inorganics	Pest/ Herb		
E2SC-07	CS0615	6-15	10/27/98		x	x	x	x	Complete Laboratory Data Package	Appendix IX Characterization
E2SC-07	SS09	14-15	10/27/98	x					Complete Laboratory Data Package	Appendix IX Characterization
E2SC-09	CS0615	6-15	10/21/98		x	x	x	x	Complete Laboratory Data Package	Appendix IX Characterization
E2SC-09	SS06	8-10	10/21/98	x					Complete Laboratory Data Package	Appendix IX Characterization
E2SC-10	CS0106	1-6	10/20/98		x	x	x	x	Complete Laboratory Data Package	Appendix IX Characterization
E2SC-10	SS03	3-5	10/20/98	x					Complete Laboratory Data Package	Appendix IX Characterization
E2SC-11	CS0615	6-8	10/9/98	x					Complete Laboratory Data Package	Appendix IX Characterization
E2SC-11	SS05	6-15	10/9/98		x	x	x	x	Complete Laboratory Data Package	Appendix IX Characterization
E2SC-12	SS05	6-8	10/19/98	x					Complete Laboratory Data Package	None (RRZ Eng. Barrier)
E2SC-12	CS0615	6-15	10/19/98		x	x	x	x	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
E2SC-13	CS0516	8-15	10/7/98		x	x	x	x	Complete Laboratory Data Package	Appendix IX Characterization
E2SC-13	SS08	14-15	10/7/98	x					Complete Laboratory Data Package	Appendix IX Characterization
E2SC-14	CS0615	6-15	10/8/98		x	x	x	x	Complete Laboratory Data Package	Appendix IX Characterization
E2SC-15	CS0615	6-15	10/20/98		x	x	x	x	Complete Laboratory Data Package	Appendix IX Characterization
E2SC-15	SS08	12-14	10/20/98	x					Complete Laboratory Data Package	Appendix IX Characterization
E2SC-16	CS0615	6-15	10/8/98		x	x	x	x	Complete Laboratory Data Package	Appendix IX Characterization
E2SC-16	SS10	15-17	10/8/98	x					Complete Laboratory Data Package	Rejected (Depth)
E2SC-16I	CS4042	40-42	11/10/98		x	x	x	x	Complete Laboratory Data Package	Rejected (Depth)
E2SC-16I	SS23	40-42	11/10/98	x					Complete Laboratory Data Package	Rejected (Depth)
E2SC-17	SS05	6-8	10/26/98	x					Complete Laboratory Data Package	Appendix IX Characterization
E2SC-17	CS0615	6-15	10/26/98		x	x	x	x	Complete Laboratory Data Package	Appendix IX Characterization
E2SC-17	CS4244	42-44	10/26/98		x	x	x	x	Complete Laboratory Data Package	Rejected (Depth)
E2SC-17	SS24	42-44	10/26/98	x					Complete Laboratory Data Package	Rejected (Depth)
E2SC-25	CS0615	6-15	8/16/99		x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
E2SC-25	SS09	14-15	8/16/99	x					Complete Laboratory Data Package	Appendix IX Characterization
E2SC-25	SS20	35-37	8/16/99	x					Complete Laboratory Data Package	Rejected (Depth)
E2SC-25	CS3538	35-38	8/16/99		x	x	x		Complete Laboratory Data Package	Rejected (Depth)
EB-22	3-6C-EB-22	12-14	11/7/97	x	x				Complete Laboratory Data Package	Appendix IX Characterization
EB-22	3-6C-EB-22	14-16	11/7/97	x	x				Complete Laboratory Data Package	Appendix IX Characterization

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTIONEXISTING SOIL APPENDIX IX+3 DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Analyte Group					Available Documentation	Proposed Data Usage
				VOCs	SVOCs	PCDDs/ PCDFs	Inorganics	Pest/ Herb		
EB-23	3-6C-EB-23	12-14	11/6/97	x	x				Complete Laboratory Data Package	Appendix IX Characterization
EB-24	3-6C-EB-24	12-14	11/6/97	x	x				Complete Laboratory Data Package	Appendix IX Characterization
EB-25	3-6C-EB-25	16-18	11/5/97	x	x				Complete Laboratory Data Package	Rejected (Depth)
EB-25	3-6C-EB-25	20-22	11/5/97	x	x				Complete Laboratory Data Package	Rejected (Depth)
EB-26	3-6C-EB-26	12-14	11/4/97	x	x				Complete Laboratory Data Package	Appendix IX Characterization
EB-27	3-6C-EB-27	10-12	11/7/97	x	x				Complete Laboratory Data Package	Appendix IX Characterization
ES2-1	P201B1416	14-16	1/16-17/91	x	x		x		Complete Laboratory Data Package	Appendix IX Characterization
ES2-2	P202B0608	6-8	1/14-15/91	x	x		x		Complete Laboratory Data Package	None (RRZ Eng. Barrier)
ES2-3	P203B1416	14-16	1/21-22/91	x	x		x		Complete Laboratory Data Package	None (RRZ Eng. Barrier)
ES2-4	P204B0810	8-10	1/11/91	x	x		x		Complete Laboratory Data Package	None (RRZ Eng. Barrier)
ES2-5	P205B1820	18-20	1/18/91	x	x		x		Complete Laboratory Data Package	Rejected (Depth)
ES2-6	P206B1416	14-16	1/10/91	x	x		x		VOC/Inorg. - Laboratory Data Package; SVOCs - None	VOC/Inorg.: Appendix IX Characterization; SVOC: Appendix IX Supplemental
ES2-6	P206B4244	42-44	1/10/91	x	x		x		VOC and SVOCs - None; Inorganics - Laboratory Data Package	Rejected (Depth)
ES2-7	P207B0608	6-8	1/16-17/91	x	x		x		VOC and SVOCs - None; Inorganics - Laboratory Data Package	None (RRZ Eng. Barrier)
GW-1	GW-1	0-6	8/28-30/90	x	x		x		Certificate of Analysis	Rejected (Composite Sample)
GW-2	GW-2	0-6	8/28-30/90	x	x		x		Certificate of Analysis	Rejected (Composite Sample)
GW-3	GW-3	0-6	8/28-30/90	x	x		x		Certificate of Analysis	Rejected (Composite Sample)
GW-4	GW-4	0-6	8/28-30/90	x	x		x		Certificate of Analysis	Rejected (Composite Sample)
GW-5	GW-5	0-6	8/28-30/90	x	x		x		Certificate of Analysis	Rejected (Composite Sample)
GW-6	GW-6	0-6	8/28-30/90	x	x		x		Certificate of Analysis	Rejected (Composite Sample)
GW-7	GW-7	0-6	8/28-30/90	x	x		x		Certificate of Analysis	Rejected (Composite Sample)
GW-8	GW-8	0-6	8/28-30/90	x	x		x		Certificate of Analysis	Rejected (Composite Sample)
GW-9	GW-9	0-6	8/28-30/90	x	x		x		Certificate of Analysis	Rejected (Composite Sample)
GW-10	GW-10	0-6	8/28-30/90	x	x		x		Certificate of Analysis	Rejected (Composite Sample)
RAA4-1	RAA4-1	0-1	1/30/01	x	x	x	x		Complete Laboratory Data Package	Appendix IX Characterization

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTION

EXISTING SOIL APPENDIX IX+3 DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Analyte Group					Available Documentation	Proposed Data Usage
				VOCs	SVOCs	PCDDs/ PCDFs	Inorganics	Pest/ Herb		
RAA4-2	RAA4-2	6-8	1/24/01	x					Complete Laboratory Data Package	Appendix IX Characterization
RAA4-2	RAA4-2	6-15	1/24/01		x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
RAA4-4	RAA4-4	6-15	1/24/01		x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
RAA4-4	RAA4-4	12-14	1/24/01	x					Complete Laboratory Data Package	Appendix IX Characterization
RAA4-5	RAA4-5	0-1	1/30/01	x	x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
RAA4-8	RAA4-8	0-1	1/30/01	x	x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
RAA4-10	RAA4-10	0-1	1/30/01	x	x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
RAA4-13	RAA4-13	0-1	1/30/01	x	x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
RAA4-15	RAA4-15	0-1	1/30/01	x	x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
RAA4-16	RAA4-16	6-15	1/24/01		x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
RAA4-16	RAA4-16	12-14	1/24/01	x					Complete Laboratory Data Package	Appendix IX Characterization
RAA4-17	RAA4-17	0-1	1/29/01	x	x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
RAA4-17	RAA4-17	1-6	1/29/01		x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
RAA4-17	RAA4-17	4-6	1/29/01	x					Complete Laboratory Data Package	Appendix IX Characterization
RAA4-18	RAA4-18	1-6	1/29/01		x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
RAA4-18	RAA4-18	4-6	1/29/01	x					Complete Laboratory Data Package	Appendix IX Characterization
RAA4-19	RAA4-19	0-1	1/29/01	x	x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
RAA4-19	RAA4-19	1-6	1/29/01		x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
RAA4-19	RAA4-19	3-4	1/29/01	x					Complete Laboratory Data Package	Appendix IX Characterization
RAA4-21	RAA4-21	6-15	1/29/01		x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
RAA4-21	RAA4-21	12-14	1/29/01	x					Complete Laboratory Data Package	Appendix IX Characterization
RAA4-22	RAA4-22	1-6	1/31/01		x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
RAA4-22	RAA4-22	4-6	1/31/01	x					Complete Laboratory Data Package	Appendix IX Characterization
RF-1	PG01B1214	12-14	10/23/91		x				None - Data Summary Table Only	Appendix IX Supplemental
RS-1	RS-1	0-6	12/5-10/90		x		x		Certificate of Analysis	Appendix IX Supplemental
RS-2	RS-2	0-6	12/5-10/90		x		x		Certificate of Analysis	Appendix IX Supplemental
RS-3	RS-3	0-6	12/5-10/90		x		x		Certificate of Analysis	Appendix IX Supplemental
RS-4	RS-4	0-6	12/5-10/90		x		x		Certificate of Analysis	Appendix IX Supplemental
RS-5	RS-5	0-6	12/5-10/90		x		x		Certificate of Analysis	Appendix IX Supplemental

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTION

EXISTING SOIL APPENDIX IX+3 DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Analyte Group					Available Documentation	Proposed Data Usage
				VOCs	SVOCs	PCDDs/ PCDFs	Inorganics	Pest/ Herb		
RS-6	RS-6	0-6	12/5-10/90		x		x		Certificate of Analysis	Appendix IX Supplemental
RS-7	RS-7	0-9	12/5-10/90		x		x		Certificate of Analysis	Appendix IX Supplemental
SS-1	SS-1	0-10	12/5-10/90	x	x		x		Certificate of Analysis	Appendix IX Supplemental
TW-SB-1	ESA2-SB-1	8-10	5/27/99	x	x	x	x		Complete Laboratory Data Package	Appendix IX Characterization
WM-1	WM-1	0-6	12/5-10/90		x		x		Certificate of Analysis	Appendix IX Supplemental
X-1	P2X010204	2-4	7/2/91	x	x		x	x	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
X-4	P2X040406	4-6	6/25-26/91	x	x		x	x	Complete Laboratory Data Package	Appendix IX Characterization
X-5	P2X050810	8-10	6/25/91	x	x		x	x	Complete Laboratory Data Package	Appendix IX Characterization
X-6	P2X060406	4-6	6/25/91	x	x		x	x	Complete Laboratory Data Package	Appendix IX Characterization
X-7	P2X070608	6-8	6/26/91	x	x	x	x	x	Complete Laboratory Data Package	PCDD/PCDF Data: Rejected (Method); Other Data: Appendix IX Characterization
X-8	P2X080204	2-4	6/28/91	x	x	x	x	x	Complete Laboratory Data Package	PCDD/PCDF Data: Rejected (Method); Other Data: Appendix IX Characterization
X-9	P2X090810	8-10	7/1/91	x	x		x	x	Complete Laboratory Data Package	Appendix IX Characterization
X-10	P2X100204	2-4	7/2/91	x	x	x	x	x	Complete Laboratory Data Package	PCDD/PCDF Data: Rejected (Method); Other Data: Appendix IX Characterization
X-11	P2X110406	4-6	7/1/91	x	x		x	x	Complete Laboratory Data Package	Appendix IX Characterization
X-12	P2X120810	8-10	7/3/91	x	x		x	x	Complete Laboratory Data Package	Appendix IX Characterization
X-13	P2X130002	0-2	7/3/91	x	x		x	x	Complete Laboratory Data Package	Appendix IX Characterization
X-14	P2X140406	4-6	7/5/91	x	x		x	x	Complete Laboratory Data Package	Appendix IX Characterization
X-15	P2X150810	8-10	7/5/91	x	x		x	x	Complete Laboratory Data Package	Appendix IX Characterization
X-16	X-16	6-15	1/31/01			x			Complete Laboratory Data Package	Appendix IX Characterization
X-16	P2X160810	8-10	7/8/91	x	x		x	x	Complete Laboratory Data Package	Appendix IX Characterization
X-18	X-18	6-15	2/1/01			x			Complete Laboratory Data Package	Appendix IX Characterization
X-18	P2X181416	14-16	7/8/91	x	x		x	x	Complete Laboratory Data Package	Appendix IX Characterization
X-19	P2X190810	8-10	7/9/91	x	x		x	x	Complete Laboratory Data Package	Appendix IX Characterization
X-20	P2X201012	10-12	7/9/91	x	x		x	x	Complete Laboratory Data Package	Appendix IX Characterization
Y-1	P2Y010810	8-10	6/6/91	x	x	x	x	x	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
Y-2	P2Y020608	6-8	6/7/91	x	x		x	x	Complete Laboratory Data Package	None (RRZ Eng. Barrier)

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTION

EXISTING SOIL APPENDIX IX+3 DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Analyte Group					Available Documentation	Proposed Data Usage
				VOCs	SVOCs	PCDDs/ PCDFs	Inorganics	Pest/ Herb		
Y-3	P2Y030810	8-10	6/5/91	x	x	x	x	x	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
Y-4	P2Y040406	4-6	6/5/91	x	x	x	x	x	Complete Laboratory Data Package	None (RRZ Eng. Barrier)
Y-5	P2Y050406	4-6	6/6/91	x	x	x	x	x	Complete Laboratory Data Package	PCDD/PCDF Data: Rejected (Method); Other Data: Appendix IX Characterization
Y-6	P2Y060406	4-6	6/11/91	x	x	x	x	x	Complete Laboratory Data Package	PCDD/PCDF Data: Rejected (Method); Other Data: Appendix IX Characterization
Y-7	P2Y070406	4-6	6/6/91	x	x	x	x	x	Complete Laboratory Data Package	PCDD/PCDF Data: Rejected (Method); Other Data: Appendix IX Characterization
Y-8	P2Y080204	2-4	6/12/91	x	x		x	x	Complete Laboratory Data Package	Appendix IX Characterization
Y-9	P2Y090406	4-6	6/7/91	x	x		x	x	Complete Laboratory Data Package	Appendix IX Characterization
Y-10	P2Y100204	2-4	6/20/91	x	x	x	x	x	Complete Laboratory Data Package	PCDD/PCDF Data: Rejected (Method); Other Data: Appendix IX Characterization
Y-11	P2Y110204	2-4	6/12/91	x	x		x	x	Complete Laboratory Data Package	Appendix IX Characterization
Y-12	P2Y120204	2-4	6/12/91	x	x		x	x	Complete Laboratory Data Package	Appendix IX Characterization
Y-13	P2Y130204	2-4	6/14/91	x	x		x	x	Complete Laboratory Data Package	Appendix IX Characterization
Y-14	P2Y140406	4-6	6/14/91	x	x		x	x	Complete Laboratory Data Package	Appendix IX Characterization
Y-15	P2Y150204	2-4	6/20/91	x	x	x	x	x	Complete Laboratory Data Package	PCDD/PCDF Data: Rejected (Method); Other Data: Appendix IX Characterization
Y-16	P2Y160810	8-10	6/14/91	x	x		x	x	Complete Laboratory Data Package	Appendix IX Characterization
Y-17	P2Y170204	2-4	6/18/91	x	x	x	x	x	Complete Laboratory Data Package	PCDD/PCDF Data: Rejected (Method); Other Data: Appendix IX Characterization
Y-18	P2Y180204	2-4	6/18/91	x	x	x	x	x	Complete Laboratory Data Package	PCDD/PCDF Data: Rejected (Method); Other Data: Appendix IX Characterization
Y-19	P2Y191012	10-12	6/19/91	x	x	x	x	x	Complete Laboratory Data Package	PCDD/PCDF Data: Rejected (Method); Other Data: Appendix IX Characterization
Y-20	P2Y200406	4-6	6/20/91	x	x	x	x	x	Complete Laboratory Data Package	PCDD/PCDF Data: Rejected (Method); Other Data: Appendix IX Characterization
Y-21	P2Y211214	12-14	6/24/91	x	x	x	x	x	Complete Laboratory Data Package	PCDD/PCDF Data: Rejected (Method); Other Data: Appendix IX Characterization

TABLE 2

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTION

EXISTING SOIL APPENDIX IX+3 DATA AND PROPOSED USAGE

Sample Location	Sample ID	Depth Interval	Date Collected	Analyte Group					Available Documentation	Proposed Data Usage
				VOCs	SVOCs	PCDDs/ PCDFs	Inorganics	Pest/ Herb		
Y-22	P2Y220002	0-2	6/24/91	x	x		x	x	Complete Laboratory Data Package	Appendix IX Characterization
Y-23	P2Y230204	2-4	6/21/91	x	x		x	x	Complete Laboratory Data Package	Appendix IX Characterization
Y-24	P2Y240810	8-10	6/24/91	x	x	x	x	x	Complete Laboratory Data Package	PCDD/PCDF Data: Rejected (Method); Other Data: Appendix IX Characterization
Y-26	P2Y260204	2-4	6/21/91	x	x		x	x	Complete Laboratory Data Package	Appendix IX Characterization
Y-27	P2Y270406	4-6	6/14/91	x	x	x	x	x	VOC and Pest/Herb - None; SVOC and Inorganics - Laboratory Data Package	PCDD/PCDF Data: Rejected (Method); SVOC/Inorg. Data: Appendix IX Characterization VOC Data: Appendix IX Supplemental

TABLE 3

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTION

SUMMARY OF PRE-DESIGN INVESTIGATION BY SAMPLE GRID NODE

GRID COORD.	SAMPLE TYPE	DEPTH INCREMENT				
		0-1 FT.	1-3 FT.	3-6 FT.	1-6 FT.	6-15 FT.
UNPAVED INDUSTRIAL AREAS						
A-34	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-A34	---	---	RAA4-A34	RAA4-A34
A-35	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-A35	---	---	RAA4-A35	RAA4-A35
A-36	EXISTING:	TW-SB-1	---	---	TW-SB-1	TW-SB-1
	PROPOSED:	---	---	---	---	---
B-29	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-B29	---	---	RAA4-B29	RAA4-B29
B-31	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-B31	---	---	RAA4-B31	RAA4-B31
B-33	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-B33	---	---	RAA4-B33	RAA4-B33
B-34	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-B34	---	---	RAA4-B34	RAA4-B34
B-35	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-B35	---	---	RAA4-B35	RAA4-B35
B-36	EXISTING:	E2SC-25	---	---	E2SC-25	E2SC-25
	PROPOSED:	---	---	---	---	---
B-37	EXISTING:	RAA4-2	---	---	RAA4-2	RAA4-2
	PROPOSED:	---	---	---	---	---
C-27	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-C27	---	---	RAA4-C27	RAA4-C27
C-29	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-C29	---	---	RAA4-C29	RAA4-C29
C-31	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-C31	---	---	RAA4-C31	RAA4-C31
C-33	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-C33	---	---	RAA4-C33	RAA4-C33
C-34	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-C34	---	---	RAA4-C34	RAA4-C34
C-35	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-C35	---	---	RAA4-C35	RAA4-C35
C-36	EXISTING:	X-15	---	---	X-15	X-15
	PROPOSED:	---	---	---	---	---
C-37	EXISTING:	RAA4-4	---	---	RAA4-4	RAA4-4
	PROPOSED:	---	---	---	---	---
D-29	EXISTING:	X-12	---	---	X-12	---
	PROPOSED:	---	---	---	---	RAA4-D29
D-31	EXISTING:	X-13	---	---	---	---
	PROPOSED:	---	---	---	RAA4-D31	RAA4-D31

TABLE 3

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTION

SUMMARY OF PRE-DESIGN INVESTIGATION BY SAMPLE GRID NODE

GRID COORD.	SAMPLE TYPE	DEPTH INCREMENT				
		0-1 FT.	1-3 FT.	3-6 FT.	1-6 FT.	6-15 FT.
D-33	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-D33	---	---	RAA4-D33	RAA4-D33
D-34	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-D34	---	---	RAA4-D34	RAA4-D34
D-35	EXISTING:	X-9	---	---	X-9	X-9
	PROPOSED:	---	---	---	---	---
D-36	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-D36	---	---	RAA4-D36	RAA4-D36
D-37	EXISTING:	RAA4-16	---	---	RAA4-16	RAA4-16
	PROPOSED:	---	---	---	---	---
D-38	EXISTING:	RAA4-17	---	---	RAA4-17	RAA4-17
	PROPOSED:	---	---	---	---	---
D-39	EXISTING:	RAA4-18	---	---	RAA4-18	RAA4-18
	PROPOSED:	---	---	---	---	---
D-40	EXISTING:	RAA4-19	---	---	RAA4-19	RAA4-19
	PROPOSED:	---	---	---	---	---
D-41	EXISTING:	RAA4-20	---	---	RAA4-20	RAA4-20
	PROPOSED:	---	---	---	---	---
D-42	EXISTING:	RAA4-21	---	---	RAA4-21	RAA4-21
	PROPOSED:	---	---	---	---	---
D-43	EXISTING:	RAA4-22	---	---	RAA4-22	RAA4-22
	PROPOSED:	---	---	---	---	---
E-29	EXISTING:	X-6	---	---	X-6	---
	PROPOSED:	---	---	---	---	RAA4-E29
E-31	EXISTING:	X-7	---	---	X-7	X-7
	PROPOSED:	---	---	---	---	---
E-33	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-E33	---	---	RAA4-E33	RAA4-E33
E-34	EXISTING:	X-8	---	---	X-8	X-8
	PROPOSED:	---	---	---	---	---
E-35	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-E35	---	---	RAA4-E35	RAA4-E35
E-36	EXISTING:	RCP-C1	---	---	---	X-10
	PROPOSED:	---	---	---	RAA4-E36	---
E-37	EXISTING:	95-8	---	---	95-8	95-8
	PROPOSED:	---	---	---	---	---
E-38	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-E38	---	---	RAA4-E38	RAA4-E38
E-39	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-E39	---	---	RAA4-E39	RAA4-E39

TABLE 3

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTION

SUMMARY OF PRE-DESIGN INVESTIGATION BY SAMPLE GRID NODE

GRID COORD.	SAMPLE TYPE	DEPTH INCREMENT				
		0-1 FT.	1-3 FT.	3-6 FT.	1-6 FT.	6-15 FT.
E-40	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-E40	---	---	RAA4-E40	RAA4-E40
E-41	EXISTING:	211S	---	---	---	---
	PROPOSED:	---	---	---	RAA4-E41	RAA4-E41
E-42	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-E42	---	---	RAA4-E42	RAA4-E42
F-29	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-F29	---	---	RAA4-F29	RAA4-F29
F-31	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-F31	---	---	RAA4-F31	RAA4-F31
F-33	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-F33	---	---	RAA4-F33	RAA4-F33
F-34	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-F34	---	---	RAA4-F34	RAA4-F34
F-35	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-F35	---	---	RAA4-F35	RAA4-F35
F-36	EXISTING:	RCP-C4	---	---	---	---
	PROPOSED:	---	---	---	RAA4-F36	RAA4-F36
F-37	EXISTING:	---	---	---	E2SC-08	E2SC-08
	PROPOSED:	RAA4-F37	---	---	---	---
F-38	EXISTING:	95-28	---	---	E2SC-02	E2SC-02
	PROPOSED:	---	---	---	---	---
F-39	EXISTING:	E2SC-01	---	---	E2SC-01	E2SC-01
	PROPOSED:	---	---	---	---	---
F-40	EXISTING:	E2SC-16	---	---	E2SC-16	E2SC-16
	PROPOSED:	---	---	---	---	---
F-41	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-F41	---	---	RAA4-F41	RAA4-F41
F-42	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-F42	---	---	RAA4-F42	RAA4-F42
G-5	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-G5	---	---	RAA4-G5	RAA4-G5
G-29	EXISTING:	95-26	---	---	95-26	95-26
	PROPOSED:	---	---	---	---	---
G-31	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-G31	---	---	RAA4-G31	RAA4-G31
G-33	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-G33	---	---	RAA4-G33	RAA4-G33
G-34	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-G34	---	---	RAA4-G34	RAA4-G34

TABLE 3

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTIONSUMMARY OF PRE-DESIGN INVESTIGATION BY SAMPLE GRID NODE

GRID COORD.	SAMPLE TYPE	DEPTH INCREMENT				
		0-1 FT.	1-3 FT.	3-6 FT.	1-6 FT.	6-15 FT.
G-35	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-G35	---	---	RAA4-G35	RAA4-G35
G-36	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-G36	---	---	RAA4-G36	RAA4-G36
G-37	EXISTING:	95-06	---	---	95-06	95-06
	PROPOSED:	---	---	---	---	---
G-38	EXISTING:	E2SC-03	---	---	E2SC-03	E2SC-03
	PROPOSED:	---	---	---	---	---
H-3	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-H3	---	---	RAA4-H3	RAA4-H3
H-21	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-H21	---	---	RAA4-H21	RAA4-H21
H-27	EXISTING:	206S	---	---	---	---
	PROPOSED:	---	---	---	RAA4-H27	RAA4-H27
H-29	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-H29	---	---	RAA4-H29	RAA4-H29
H-31	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-H31	---	---	RAA4-H31	RAA4-H31
H-33	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-H33	---	---	RAA4-H33	RAA4-H33
H-34	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-H34	---	---	RAA4-H34	RAA4-H34
H-35	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-H35	---	---	RAA4-H35	RAA4-H35
H-36	EXISTING:	E2SC-11	---	---	E2SC-11	E2SC-11
	PROPOSED:	---	---	---	---	---
I-3	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-I3	---	---	RAA4-I3	RAA4-I3
I-9	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-I9	---	---	RAA4-I9	RAA4-I9
I-21	EXISTING:	Y-14	---	---	Y-14	Y-14
	PROPOSED:	---	---	---	---	---
I-23	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-I23	---	---	RAA4-I23	RAA4-I23
I-25	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-I25	---	---	RAA4-I25	RAA4-I25
I-27	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-I27	---	---	RAA4-I27	RAA4-I27
I-29	EXISTING:	95-02	---	---	95-02	95-02
	PROPOSED:	---	---	---	---	---

TABLE 3

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTIONSUMMARY OF PRE-DESIGN INVESTIGATION BY SAMPLE GRID NODE

GRID COORD.	SAMPLE TYPE	DEPTH INCREMENT				
		0-1 FT.	1-3 FT.	3-6 FT.	1-6 FT.	6-15 FT.
I-31	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-I31	---	---	RAA4-I31	RAA4-I31
I-33	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-I33	---	---	RAA4-I33	RAA4-I33
I-34	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-I34	---	---	RAA4-I34	RAA4-I34
K-3	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-K3	---	---	RAA4-K3	RAA4-K3
K-5	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-K5	---	---	RAA4-K5	RAA4-K5
K-23	EXISTING:	Y-10	---	---	---	---
	PROPOSED:	---	---	---	RAA4-K23	RAA4-K23
K-25	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-K25	---	---	RAA4-K25	RAA4-K25
K-33	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-K33	---	---	RAA4-K33	RAA4-K33
M-3	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-M3	---	---	RAA4-M3	RAA4-M3
M-5	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-M5	---	---	RAA4-M5	RAA4-M5
O-1	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-O1	---	---	RAA4-O1	RAA4-O1
200-FOOT RIPARIAN REMOVAL ZONE						
I-30	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-I30	---	---	---	---
J-28	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-J28	---	---	---	---
J-29	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-J29	---	---	---	---
J-30	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-J30	---	---	---	---
J-31	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-J31	---	---	---	---
K-27	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-K27	RAA4-K27	RAA4-K27	---	RAA4-K27
K-28	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-K28	---	---	---	---
K-29	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-K29	RAA4-K29	RAA4-K29	---	RAA4-K29
K-30	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-K30	---	---	---	---

TABLE 3

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTIONSUMMARY OF PRE-DESIGN INVESTIGATION BY SAMPLE GRID NODE

GRID COORD.	SAMPLE TYPE	DEPTH INCREMENT				
		0-1 FT.	1-3 FT.	3-6 FT.	1-6 FT.	6-15 FT.
K-31	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-K31	RAA4-K31	RAA4-K31	---	RAA4-K31
L-27	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-L27	---	---	---	---
L-28	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-L28	---	---	---	---
L-29	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-L29	---	---	---	---
L-30	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-L30	---	---	---	---
L-31	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-L31	---	---	---	---
M-8	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-M8	---	---	---	---
M-9 (5)	EXISTING:	---	---	---	---	---
	PROPOSED:	---	---	---	---	---
M-10 (5)	EXISTING:	---	---	---	---	---
	PROPOSED:	---	---	---	---	---
M-11 (5)	EXISTING:	---	---	---	---	---
	PROPOSED:	---	---	---	---	---
M-12 (5)	EXISTING:	---	---	---	---	---
	PROPOSED:	---	---	---	---	---
M-13 (5)	EXISTING:	---	---	---	---	---
	PROPOSED:	---	---	---	---	---
M-14	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-M14	---	---	---	---
M-15	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-M15	RAA4-M15	RAA4-M15	---	RAA4-M15
M-16	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-M16	---	---	---	---
M-17	EXISTING:	Y-7	Y-7	Y-7	---	---
	PROPOSED:	---	---	---	---	RAA4-M17
M-28	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-M28	---	---	---	---
M-29	EXISTING:	---	---	---	---	95-3
	PROPOSED:	RAA4-M29	RAA4-M29	RAA4-M29	---	---
M-30	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-M30	---	---	---	---
N-5	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-N5	---	---	---	---

TABLE 3

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTION

SUMMARY OF PRE-DESIGN INVESTIGATION BY SAMPLE GRID NODE

GRID COORD.	SAMPLE TYPE	DEPTH INCREMENT				
		0-1 FT.	1-3 FT.	3-6 FT.	1-6 FT.	6-15 FT.
N-6 (5)	EXISTING:	---	---	---	---	---
	PROPOSED:	---	---	---	---	---
N-7 (5)	EXISTING:	---	---	---	---	---
	PROPOSED:	---	---	---	---	---
N-8	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-N8	---	---	---	---
N-9	EXISTING:	208S	---	---	---	---
	PROPOSED:	---	---	---	---	---
N-10 (5)	EXISTING:	---	---	---	---	---
	PROPOSED:	---	---	---	---	---
N-11 (5)	EXISTING:	---	---	---	---	---
	PROPOSED:	---	---	---	---	---
N-12	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-N12	RAA4-N12	RAA4-N12	---	RAA4-N12
N-13 (5)	EXISTING:	---	---	---	---	---
	PROPOSED:	---	---	---	---	---
N-14 (5)	EXISTING:	---	---	---	---	---
	PROPOSED:	---	---	---	---	---
N-15	EXISTING:	Y-6	---	---	---	---
	PROPOSED:	---	---	---	---	---
N-16	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-N16	---	---	---	---
O-2 (5)	EXISTING:	---	---	---	---	---
	PROPOSED:	---	---	---	---	---
O-3	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-O3	RAA4-O3	RAA4-O3	---	RAA4-O3
O-4	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-O4	---	---	---	---
O-5	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-O5	RAA4-O5	RAA4-O5	---	RAA4-O5
O-6	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-O6	---	---	---	---
O-7	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-O7	RAA4-O7	RAA4-O7	---	RAA4-O7
O-8 (5)	EXISTING:	---	---	---	---	---
	PROPOSED:	---	---	---	---	---
O-9	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-O9	RAA4-O9	RAA4-O9	---	RAA4-O9
O-10 (5)	EXISTING:	---	---	---	---	---
	PROPOSED:	---	---	---	---	---

TABLE 3

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTION

SUMMARY OF PRE-DESIGN INVESTIGATION BY SAMPLE GRID NODE

GRID COORD.	SAMPLE TYPE	DEPTH INCREMENT				
		0-1 FT.	1-3 FT.	3-6 FT.	1-6 FT.	6-15 FT.
O-11 (5)	EXISTING:	---	---	---	---	---
	PROPOSED:	---	---	---	---	---
O-12 (5)	EXISTING:	---	---	---	---	---
	PROPOSED:	---	---	---	---	---
O-13	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-O13	RAA4-O13	RAA4-O13	---	RAA4-O13
O-14	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-O14	---	---	---	---
O-15	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-O15	RAA4-O15	RAA4-O15	---	RAA4-O15
O-16	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-O16	---	---	---	---
P-2	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-P2	---	---	---	---
P-3	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-P3	---	---	---	---
P-4 (5)	EXISTING:	---	---	---	---	---
	PROPOSED:	---	---	---	---	---
P-5 (5)	EXISTING:	---	---	---	---	---
	PROPOSED:	---	---	---	---	---
P-6	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-P6	---	---	---	---
P-7 (5)	EXISTING:	---	---	---	---	---
	PROPOSED:	---	---	---	---	---
P-8 (5)	EXISTING:	---	---	---	---	---
	PROPOSED:	---	---	---	---	---
P-9	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-P9	---	---	---	---
P-10	EXISTING:	RF-1	---	---	---	---
	PROPOSED:	---	---	---	---	---
P-11	EXISTING:	EB-25	---	---	---	---
	PROPOSED:	---	---	---	---	---
P-12	EXISTING:	EB-24	---	---	---	---
	PROPOSED:	---	---	---	---	---
P-13	EXISTING:	EB-23	---	---	---	---
	PROPOSED:	---	---	---	---	---
P-14	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-P14	---	---	---	---
P-15	EXISTING:	EB-22	---	---	---	---
	PROPOSED:	---	---	---	---	---

TABLE 3

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTION

SUMMARY OF PRE-DESIGN INVESTIGATION BY SAMPLE GRID NODE

GRID COORD.	SAMPLE TYPE	DEPTH INCREMENT				
		0-1 FT.	1-3 FT.	3-6 FT.	1-6 FT.	6-15 FT.
P-16	EXISTING:	EB-27	---	---	---	---
	PROPOSED:	---	---	---	---	---
Q-3	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-Q3	RAA4-Q3	RAA4-Q3	---	RAA4-Q3
Q-4	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-Q4	---	---	---	---
Q-5	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-Q5	RAA4-Q5	RAA4-Q5	---	RAA4-Q5
Q-6	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-Q6	---	---	---	---
Q-7	EXISTING:	E2SC-15	E2SC-15	E2SC-15	---	E2SC-15
	PROPOSED:	---	---	---	---	---
Q-8	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-Q8	---	---	---	---
Q-9	EXISTING:	---	EB-26	EB-26	---	EB-26
	PROPOSED:	RAA4-Q9	---	---	---	---
R-4	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-R4	---	---	---	---
R-5	EXISTING:	---	---	---	---	---
	PROPOSED:	RAA4-R5	---	---	---	---

TABLE 3

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTION

SUMMARY OF PRE-DESIGN INVESTIGATION BY SAMPLE GRID NODE

NOTES:

- 1.) This table defines the soil sampling locations which will be utilized to satisfy grid-based sampling requirements for PCBs for the East Street Area 2-South pre-design investigation (excluding the Future City Recreational Area, where the pre-design investigation has been completed).
- 2.) Existing samples are assumed to represent a grid node if they are located less than 50 feet from 100-foot grid nodes or less than 25 feet from 50-foot grid nodes.
- 3.) Existing samples depths are assumed to satisfy the depth interval requirements (i.e., either 0-1, 1-3, 3-6, 1-6, or 6-15 feet) if the existing depth(s) constitute at least 50% of the depth requirement. For example, existing data for 6-8 foot, 8-10 foot, and 10-12 foot depths will satisfy the 6-15 foot requirement at a node, but existing data from only the 6-8 foot and 8-10 foot depths will not.
- 4.) Other existing soil data will not be utilized in support of the pre-design sampling requirements, but may be used in the design of the Removal Action (as discussed in the text).
- 5.) A modified approach to address the portion of the 200-foot riparian removal zone beneath the footprint of existing buildings is proposed -- i.e., collection of one to two samples per building during the initial pre-design investigation. As a result, no sampling is proposed at the following grid coordinates:
M-9 through M-13; N-6; N-7; N-10; N-11; N-13; N-14; O-2; O-8; O-10 through O-12; P-4; P-5; P-7; and P-8.
- 6.) A vegetative engineered barrier will be needed at the area encompassed by grid coordinates K-26; L-24 through L-26; M-18 through M-27; N-17 through N-28; O-17 through O-26; and P-17 through P-25; therefore no sampling is required at these coordinates.
- 7.) Shaded depth increments indicate that soil sampling is not required.

TABLE 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTIONPROPOSED SOIL SAMPLING LOCATIONS, DEPTHS, AND PARAMETERS

Sample ID	Sample Depth	Nearest Grid Coordinate	Analyses To Be Performed				
			PCBs	VOCs	SVOCs	Metals	PCDDs/ PCDFs
RAA4-A34	0-1	A-34	X				
RAA4-A34	1-6	A-34	X				X
RAA4-A34	6-15	A-34	X				
RAA4-A35	0-1	A-35	X	X	X	X	X
RAA4-A35	1-6	A-35	X				
RAA4-A35	6-15	A-35	X				
RAA4-B29	0-1	B-29	X	X	X	X	X
RAA4-B29	1-6	B-29	X				
RAA4-B29	6-15	B-29	X				
RAA4-B31	0-1	B-31	X				
RAA4-B31	1-6	B-31	X				
RAA4-B31	6-15	B-31	X				
RAA4-B33	0-1	B-33	X				
RAA4-B33	1-6	B-33	X				
RAA4-B33	6-15	B-33	X	X	X	X	X
RAA4-B34	0-1	B-34	X				
RAA4-B34	1-6	B-34	X	X	X	X	X
RAA4-B34	6-15	B-34	X				
RAA4-B35	0-1	B-35	X	X	X	X	X
RAA4-B35	1-6	B-35	X				
RAA4-B35	6-15	B-35	X	X	X	X	X
RAA4-C25	1-6	C-25	X				
RAA4-C25	6-15	C-25	X				
RAA4-C27	0-1	C-27	X	X	X	X	X
RAA4-C27	1-6	C-27	X				
RAA4-C27	6-15	C-27	X				
RAA4-C29	0-1	C-29	X				
RAA4-C29	1-6	C-29	X	X	X	X	X
RAA4-C29	6-15	C-29	X				
RAA4-C31	0-1	C-31	X	X	X	X	X
RAA4-C31	1-6	C-31	X				
RAA4-C31	6-15	C-31	X				
RAA4-C33	0-1	C-33	X	X	X	X	X
RAA4-C33	1-6	C-33	X				
RAA4-C33	6-15	C-33	X				
RAA4-C34	0-1	C-34	X				
RAA4-C34	1-6	C-34	X				
RAA4-C34	6-15	C-34	X				
RAA4-C35	0-1	C-35	X				
RAA4-C35	1-6	C-35	X				

TABLE 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTIONPROPOSED SOIL SAMPLING LOCATIONS, DEPTHS, AND PARAMETERS

Sample ID	Sample Depth	Nearest Grid Coordinate	Analyses To Be Performed				
			PCBs	VOCs	SVOCs	Metals	PCDDs/ PCDFs
RAA4-C35	6-15	C-35	X				
RAA4-C36	0-1	C-36		X	X	X	X
RAA4-C36	1-6	C-36		X	X	X	X
RAA4-C36	6-15	C-36					X
RAA4-D21	0-1	D-21		X	X	X	X
RAA4-D21	6-15	D-21	X				
RAA4-D23	0-1	D-23	X				
RAA4-D23	1-6	D-23	X	X	X	X	X
RAA4-D23	6-15	D-23	X				
RAA4-D29	0-1	D-29		X	X	X	X
RAA4-D29	6-15	D-29	X				
RAA4-D31	0-1	D-31					X
RAA4-D31	1-6	D-31	X				
RAA4-D31	6-15	D-31	X				
RAA4-D33	0-1	D-33	X	X	X	X	X
RAA4-D33	1-6	D-33	X				
RAA4-D33	6-15	D-33	X				
RAA4-D34	0-1	D-34	X	X	X	X	X
RAA4-D34	1-6	D-34	X				
RAA4-D34	6-15	D-34	X	X	X	X	X
RAA4-D35	6-15	D-35					X
RAA4-D36	0-1	D-36	X				
RAA4-D36	1-6	D-36	X				
RAA4-D36	6-15	D-36	X				
RAA4-E15	0-1	E-15	X	X	X	X	X
RAA4-E15	6-15	E-15	X				
RAA4-E17	1-6	E-17					X
RAA4-E17	6-15	E-17	X				
RAA4-E25	6-15	E-25					X
RAA4-E29	0-1	E-29		X	X	X	X
RAA4-E29	1-6	E-29					X
RAA4-E29	6-15	E-29	X				
RAA4-E31	1-6	E-31		X	X	X	X
RAA4-E31	6-15	E-31					X
RAA4-E33	0-1	E-33	X	X	X	X	X
RAA4-E33	1-6	E-33	X				
RAA4-E33	6-15	E-33	X				
RAA4-E35	0-1	E-35	X	X	X	X	X
RAA4-E35	1-6	E-35	X				
RAA4-E35	6-15	E-35	X				

TABLE 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTIONPROPOSED SOIL SAMPLING LOCATIONS, DEPTHS, AND PARAMETERS

Sample ID	Sample Depth	Nearest Grid Coordinate	Analyses To Be Performed				
			PCBs	VOCs	SVOCs	Metals	PCDDs/ PCDFs
RAA4-E36	0-1	E-36		X	X	X	X
RAA4-E36	1-6	E-36	X				
RAA4-E38	0-1	E-38	X	X	X	X	X
RAA4-E38	1-6	E-38	X				
RAA4-E38	6-15	E-38	X				
RAA4-E39	0-1	E-39	X				
RAA4-E39	1-6	E-39	X				
RAA4-E39	6-15	E-39	X				
RAA4-E40	0-1	E-40	X	X	X	X	X
RAA4-E40	1-6	E-40	X				
RAA4-E40	6-15	E-40	X				
RAA4-E41	1-6	E-41	X				
RAA4-E41	6-15	E-41	X				
RAA4-E42	0-1	E-42	X	X	X	X	X
RAA4-E42	1-6	E-42	X				
RAA4-E42	6-15	E-42	X				
RAA4-F13	0-1	F-13	X				
RAA4-F13	1-6	F-13	X				
RAA4-F13	6-15	F-13	X				
RAA4-F19	0-1	F-19					X
RAA4-F19	1-6	F-19					X
RAA4-F21	0-1	F-21		X	X	X	X
RAA4-F21	6-15	F-21	X				X
RAA4-F23	1-6	F-23					X
RAA4-F29	0-1	F-29	X				
RAA4-F29	1-6	F-29	X				
RAA4-F29	6-15	F-29	X	X	X	X	X
RAA4-F31	0-1	F-31	X	X	X	X	X
RAA4-F31	1-6	F-31	X				
RAA4-F31	6-15	F-31	X				
RAA4-F33	0-1	F-33	X				
RAA4-F33	1-6	F-33	X				X
RAA4-F33	6-15	F-33	X				
RAA4-F34	0-1	F-34	X				
RAA4-F34	1-6	F-34	X	X	X	X	X
RAA4-F34	6-15	F-34	X				
RAA4-F35	0-1	F-35	X				
RAA4-F35	1-6	F-35	X				
RAA4-F35	6-15	F-35	X	X	X	X	X
RAA4-F36	1-6	F-36	X				

TABLE 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTIONPROPOSED SOIL SAMPLING LOCATIONS, DEPTHS, AND PARAMETERS

Sample ID	Sample Depth	Nearest Grid Coordinate	Analyses To Be Performed				
			PCBs	VOCs	SVOCs	Metals	PCDDs/ PCDFs
RAA4-F36	6-15	F-36	X				
RAA4-F37	0-1	F-37	X	X	X	X	X
RAA4-F39	0-1	F-39		X	X	X	X
RAA4-F41	0-1	F-41	X	X	X	X	X
RAA4-F41	1-6	F-41	X				
RAA4-F41	6-15	F-41	X				
RAA4-F42	0-1	F-42	X				
RAA4-F42	1-6	F-42	X	X	X	X	X
RAA4-F42	6-15	F-42	X				
RAA4-F43	0-1	F-43	X				
RAA4-F43	1-6	F-43	X				
RAA4-F43	6-15	F-43	X	X	X	X	X
RAA4-G5	0-1	G-5	X	X	X	X	X
RAA4-G5	1-6	G-5	X				
RAA4-G5	6-15	G-5	X				
RAA4-G7	0-1	G-7	X				
RAA4-G7	1-6	G-7	X				
RAA4-G7	6-15	G-7	X	X	X	X	X
RAA4-G11	0-1	G-11	X				
RAA4-G11	1-6	G-11	X	X	X	X	X
RAA4-G11	6-15	G-11	X				
RAA4-G17	0-1	G-17					X
RAA4-G17	6-15	G-17	X				
RAA4-G21	1-6	G-21					X
RAA4-G27	0-1	G-27		X	X	X	X
RAA4-G27	6-15	G-27	X				
RAA4-G31	0-1	G-31	X				
RAA4-G31	1-6	G-31	X				
RAA4-G31	6-15	G-31	X				
RAA4-G33	0-1	G-33	X				
RAA4-G33	1-6	G-33	X				
RAA4-G33	6-15	G-33	X	X	X	X	X
RAA4-G34	0-1	G-34	X	X	X	X	X
RAA4-G34	1-6	G-34	X				
RAA4-G34	6-15	G-34	X				
RAA4-G35	0-1	G-35	X				
RAA4-G35	1-6	G-35	X				
RAA4-G35	6-15	G-35	X				
RAA4-G36	0-1	G-36	X	X	X	X	X
RAA4-G36	1-6	G-36	X				

TABLE 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTIONPROPOSED SOIL SAMPLING LOCATIONS, DEPTHS, AND PARAMETERS

Sample ID	Sample Depth	Nearest Grid Coordinate	Analyses To Be Performed				
			PCBs	VOCs	SVOCs	Metals	PCDDs/ PCDFs
RAA4-G36	6-15	G-36	X				
RAA4-H3	0-1	H-3	X				
RAA4-H3	1-6	H-3	X				
RAA4-H3	6-15	H-3	X				
RAA4-H7	0-1	H-7	X				
RAA4-H7	1-6	H-7	X	X	X	X	X
RAA4-H7	6-15	H-7	X				
RAA4-H17	0-1	H-17		X	X	X	X
RAA4-H17	1-6	H-17					X
RAA4-H21	0-1	H-21	X	X	X	X	X
RAA4-H21	1-6	H-21	X				
RAA4-H21	6-15	H-21	X				
RAA4-H25	1-6	H-25	X				
RAA4-H25	6-15	H-25	X				
RAA4-H27	1-6	H-27	X	X	X	X	X
RAA4-H27	6-15	H-27	X				
RAA4-H29	0-1	H-29	X	X	X	X	X
RAA4-H29	1-6	H-29	X				
RAA4-H29	6-15	H-29	X				
RAA4-H31	0-1	H-31	X				
RAA4-H31	1-6	H-31	X	X	X	X	X
RAA4-H31	6-15	H-31	X				
RAA4-H33	0-1	H-33	X	X	X	X	X
RAA4-H33	1-6	H-33	X				
RAA4-H33	6-15	H-33	X				
RAA4-H34	0-1	H-34	X				
RAA4-H34	1-6	H-34	X	X	X	X	X
RAA4-H34	6-15	H-34	X				
RAA4-H35	0-1	H-35	X	X	X	X	X
RAA4-H35	1-6	H-35	X				
RAA4-H35	6-15	H-35	X				
RAA4-I3	0-1	I-3	X	X	X	X	X
RAA4-I3	1-6	I-3	X				
RAA4-I3	6-15	I-3	X				
RAA4-I5	0-1	I-5	X				
RAA4-I5	1-6	I-5	X				
RAA4-I5	6-15	I-5	X	X	X	X	X
RAA4-I9	0-1	I-9	X	X	X	X	X
RAA4-I9	1-6	I-9	X				
RAA4-I9	6-15	I-9	X				

TABLE 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTIONPROPOSED SOIL SAMPLING LOCATIONS, DEPTHS, AND PARAMETERS

Sample ID	Sample Depth	Nearest Grid Coordinate	Analyses To Be Performed				
			PCBs	VOCs	SVOCs	Metals	PCDDs/ PCDFs
RAA4-I11	0-1	I-11	X	X	X	X	X
RAA4-I11	1-6	I-11	X				
RAA4-I11	6-15	I-11	X				
RAA4-I13	0-1	I-13		X	X	X	X
RAA4-I13	6-15	I-13	X				X
RAA4-I19	0-1	I-19	X				
RAA4-I19	1-6	I-19	X				
RAA4-I19	6-15	I-19	X				
RAA4-I23	0-1	I-23	X	X	X	X	X
RAA4-I23	1-6	I-23	X				
RAA4-I23	6-15	I-23	X	X	X	X	X
RAA4-I25	0-1	I-25	X	X	X	X	X
RAA4-I25	1-6	I-25	X				
RAA4-I25	6-15	I-25	X				
RAA4-I27	0-1	I-27	X				
RAA4-I27	1-6	I-27	X				
RAA4-I27	6-15	I-27	X				
RAA4-I30	0-1	I-30	X				
RAA4-I31	0-1	I-31	X				
RAA4-I31	1-6	I-31	X				
RAA4-I31	6-15	I-31	X				
RAA4-I33	0-1	I-33	X	X	X	X	X
RAA4-I33	1-6	I-33	X				
RAA4-I33	6-15	I-33	X	X	X	X	X
RAA4-I34	0-1	I-34	X	X	X	X	X
RAA4-I34	1-6	I-34	X				
RAA4-I34	6-15	I-34	X				
RAA4-J28	0-1	J-28	X	X	X	X	X
RAA4-J29	0-1	J-29	X				
RAA4-J30	0-1	J-30	X	X	X	X	X
RAA4-J31	0-1	J-31	X				
RAA4-K3	0-1	K-3	X				
RAA4-K3	1-6	K-3	X	X	X	X	X
RAA4-K3	6-15	K-3	X				
RAA4-K5	0-1	K-5	X				
RAA4-K5	1-6	K-5	X				
RAA4-K5	6-15	K-5	X				
RAA4-K8	0-1	K-8	X	X	X	X	X
RAA4-K8	1-6	K-8	X				
RAA4-K8	6-15	K-8	X				

TABLE 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTIONPROPOSED SOIL SAMPLING LOCATIONS, DEPTHS, AND PARAMETERS

Sample ID	Sample Depth	Nearest Grid Coordinate	Analyses To Be Performed				
			PCBs	VOCs	SVOCs	Metals	PCDDs/ PCDFs
RAA4-K11	0-1	K-11	X				
RAA4-K11	1-6	K-11	X	X	X	X	X
RAA4-K11	6-15	K-11	X				
RAA4-K15	1-6	K-15					X
RAA4-K19	0-1	K-19	X	X	X	X	X
RAA4-K19	6-15	K-19	X	X	X	X	X
RAA4-K21	1-6	K-21					X
RAA4-K23	1-6	K-23	X				X
RAA4-K23	6-15	K-23	X				
RAA4-K25	0-1	K-25	X	X	X	X	X
RAA4-K25	1-6	K-25	X				
RAA4-K25	6-15	K-25	X				
RAA4-K27	0-1	K-27	X				
RAA4-K27	1-3	K-27	X	X	X	X	X
RAA4-K27	3-6	K-27	X				
RAA4-K27	6-15	K-27	X			X	X
RAA4-K28	0-1	K-28	X				
RAA4-K29	0-1	K-29	X				
RAA4-K29	1-3	K-29	X				
RAA4-K29	3-6	K-29	X				
RAA4-K29	6-15	K-29	X				
RAA4-K30	0-1	K-30	X				
RAA4-K31	0-1	K-31	X				
RAA4-K31	1-3	K-31	X				
RAA4-K31	3-6	K-31	X	X	X	X	X
RAA4-K31	6-15	K-31	X				
RAA4-K33	0-1	K-33	X	X	X	X	X
RAA4-K33	1-6	K-33	X				
RAA4-K33	6-15	K-33	X				
RAA4-L27	0-1	L-27	X				
RAA4-L28	0-1	L-28	X	X	X	X	X
RAA4-L29	0-1	L-29	X				
RAA4-L30	0-1	L-30	X				
RAA4-L31	0-1	L-31	X	X	X	X	X
RAA4-M3	0-1	M-3	X	X	X	X	X
RAA4-M3	1-6	M-3	X				
RAA4-M3	6-15	M-3	X				
RAA4-M5	0-1	M-5	X	X	X	X	X
RAA4-M5	1-6	M-5	X				
RAA4-M5	6-15	M-5	X				

TABLE 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTIONPROPOSED SOIL SAMPLING LOCATIONS, DEPTHS, AND PARAMETERS

Sample ID	Sample Depth	Nearest Grid Coordinate	Analyses To Be Performed				
			PCBs	VOCs	SVOCs	Metals	PCDDs/ PCDFs
RAA4-M7	0-1	M-7	X	X	X	X	X
RAA4-M7	1-6	M-7	X				
RAA4-M7	6-15	M-7	X				
RAA4-M8	0-1	M-8	X	X	X	X	X
RAA4-M14	0-1	M-14	X				
RAA4-M15	0-1	M-15	X	X	X	X	X
RAA4-M15	1-3	M-15	X				
RAA4-M15	3-6	M-15	X				
RAA4-M15	6-15	M-15	X				
RAA4-M16	0-1	M-16	X				
RAA4-M17	6-15	M-17	X				
RAA4-M28	0-1	M-28	X				
RAA4-M29	0-1	M-29	X				
RAA4-M29	1-3	M-29	X	X	X	X	X
RAA4-M29	3-6	M-29	X				
RAA4-M30	0-1	M-30	X	X	X	X	X
RAA4-N5	0-1	N-5	X				
RAA4-N8	0-1	N-8	X				
RAA4-N12	0-1	N-12	X				
RAA4-N12	1-3	N-12	X				
RAA4-N12	3-6	N-12	X				
RAA4-N12	6-15	N-12	X				
RAA4-N15	1-3	N-15					X
RAA4-N16	0-1	N-16	X				
RAA4-O1	0-1	O-1	X	X	X	X	X
RAA4-O1	1-6	O-1	X				
RAA4-O1	6-15	O-1	X				
RAA4-O3	0-1	O-3	X				
RAA4-O3	1-3	O-3	X	X	X	X	X
RAA4-O3	3-6	O-3	X				
RAA4-O3	6-15	O-3	X			X	X
RAA4-O4	0-1	O-4	X	X	X	X	X
RAA4-O5	0-1	O-5	X				
RAA4-O5	1-3	O-5	X				
RAA4-O5	3-6	O-5	X				
RAA4-O5	6-15	O-5	X				
RAA4-O6	0-1	O-6	X				
RAA4-O7	0-1	O-7	X				
RAA4-O7	1-3	O-7	X	X	X	X	X
RAA4-O7	3-6	O-7	X				

TABLE 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

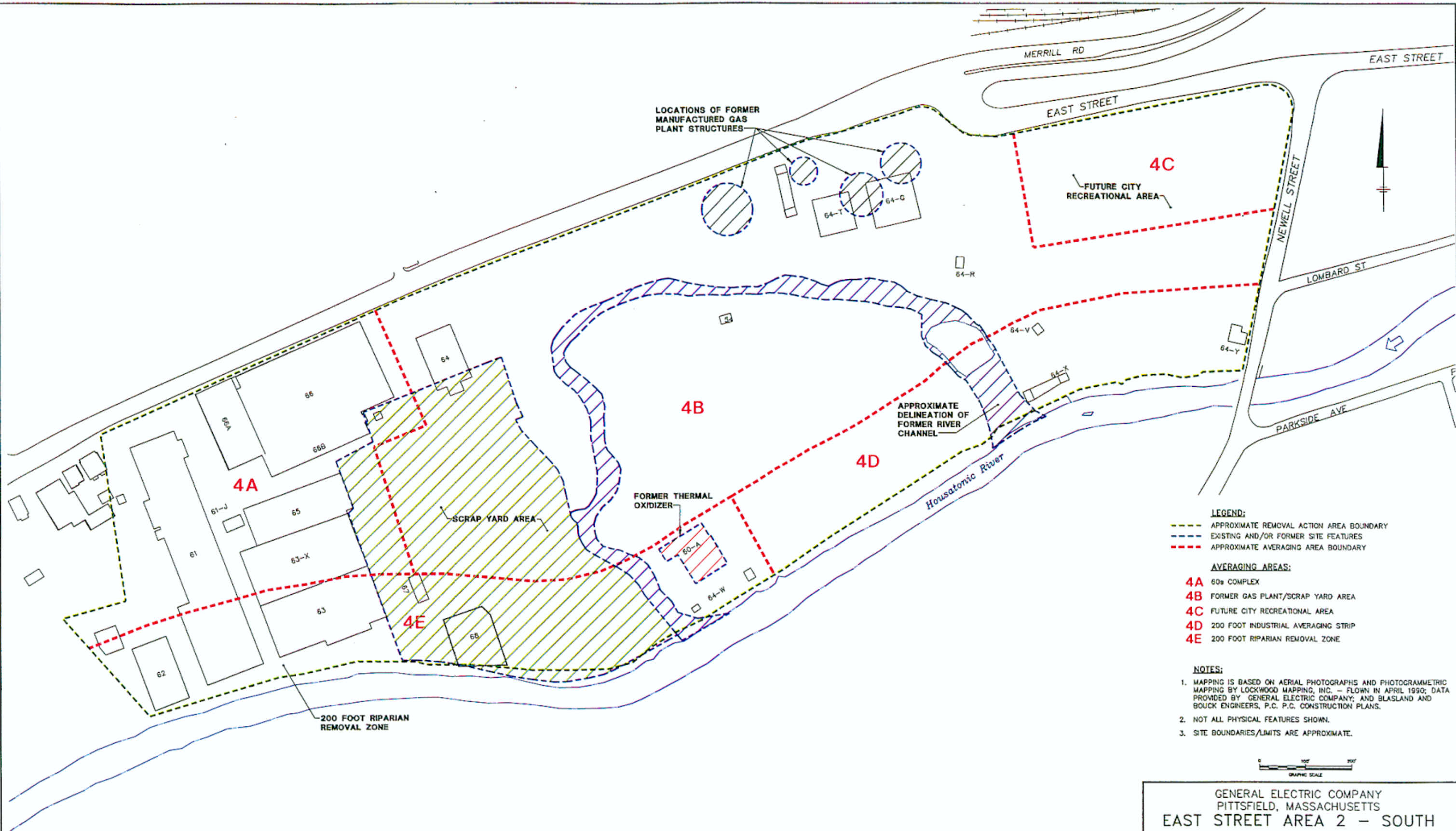
PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-SOUTH REMOVAL ACTIONPROPOSED SOIL SAMPLING LOCATIONS, DEPTHS, AND PARAMETERS

Sample ID	Sample Depth	Nearest Grid Coordinate	Analyses To Be Performed				
			PCBs	VOCs	SVOCs	Metals	PCDDs/ PCDFs
RAA4-O7	6-15	O-7	X				
RAA4-O9	0-1	O-9	X	X	X	X	X
RAA4-O9	1-3	O-9	X				
RAA4-O9	3-6	O-9	X				X
RAA4-O9	6-15	O-9	X				
RAA4-O13	0-1	O-13	X	X	X	X	X
RAA4-O13	1-3	O-13	X				
RAA4-O13	3-6	O-13	X				X
RAA4-O13	6-15	O-13	X				
RAA4-O14	0-1	O-14	X				
RAA4-O15	0-1	O-15	X				
RAA4-O15	1-3	O-15	X	X	X	X	X
RAA4-O15	3-6	O-15	X				
RAA4-O15	6-15	O-15	X				X
RAA4-O16	0-1	O-16	X	X	X	X	X
RAA4-P2	0-1	P-2	X				
RAA4-P3	0-1	P-3	X	X	X	X	X
RAA4-P6	0-1	P-6	X	X	X	X	X
RAA4-P9	0-1	P-9	X				
RAA4-P14	0-1	P-14	X	X	X	X	X
RAA4-P16	3-6	P-16					X
RAA4-Q3	0-1	Q-3	X				
RAA4-Q3	1-3	Q-3	X				
RAA4-Q3	3-6	Q-3	X				
RAA4-Q3	6-15	Q-3	X				
RAA4-Q4	0-1	Q-4	X				
RAA4-Q5	0-1	Q-5	X				
RAA4-Q5	1-3	Q-5	X				
RAA4-Q5	3-6	Q-5	X	X	X	X	X
RAA4-Q5	6-15	Q-5	X				
RAA4-Q6	0-1	Q-6	X				
RAA4-Q8	0-1	Q-8	X	X	X	X	X
RAA4-Q9	0-1	Q-9	X				
RAA4-R4	0-1	R-4	X	X	X	X	X
RAA4-R5	0-1	R-5	X	X	X	X	X

Notes:

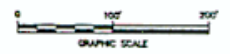
1. The Appendix IX+3 sample intervals shown above may be modified in the field based on the results of photoionization detector readings and visual observations at the time of sample collection.

Figures



- LEGEND:**
- - - - - APPROXIMATE REMOVAL ACTION AREA BOUNDARY
 - - - - - EXISTING AND/OR FORMER SITE FEATURES
 - - - - - APPROXIMATE AVERAGING AREA BOUNDARY
- AVERAGING AREAS:**
- 4A** 60s COMPLEX
 - 4B** FORMER GAS PLANT/SCRAP YARD AREA
 - 4C** FUTURE CITY RECREATIONAL AREA
 - 4D** 200 FOOT INDUSTRIAL AVERAGING STRIP
 - 4E** 200 FOOT RIPARIAN REMOVAL ZONE

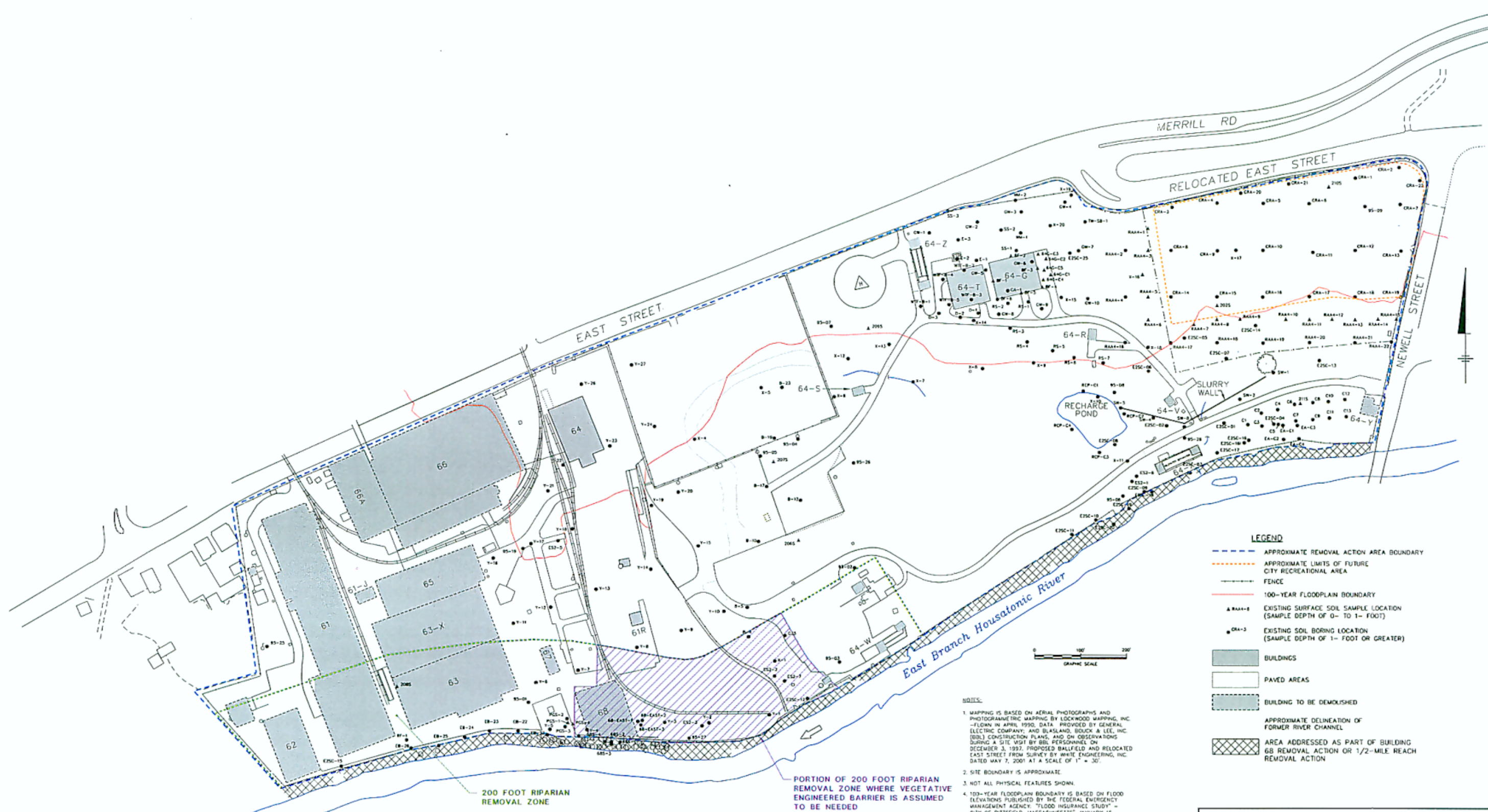
- NOTES:**
1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY; AND BLASLAND AND BOUCK ENGINEERS, P.C. P.C. CONSTRUCTION PLANS.
 2. NOT ALL PHYSICAL FEATURES SHOWN.
 3. SITE BOUNDARIES/LIMITS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



GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
EAST STREET AREA 2 - SOUTH

SITE MAP





LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- APPROXIMATE LIMITS OF FUTURE CITY RECREATIONAL AREA
- FENCE
- 100-YEAR FLOODPLAIN BOUNDARY
- RAAA-1 EXISTING SURFACE SOIL SAMPLE LOCATION (SAMPLE DEPTH OF 0- TO 1- FOOT)
- CRA-3 EXISTING SOIL BORING LOCATION (SAMPLE DEPTH OF 1- FOOT OR GREATER)
- BUILDINGS
- PAVED AREAS
- BUILDING TO BE DEMOLISHED
- APPROXIMATE DELINEATION OF FORMER RIVER CHANNEL
- AREA ADDRESSED AS PART OF BUILDING 68 REMOVAL ACTION OR 1/2-MILE REACH REMOVAL ACTION

NOTES:

1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOAN IN APRIL 1990, DATA PROVIDED BY GENERAL ELECTRIC COMPANY; AND BLASLAND, BOUCK & LEE, INC. (BBL) CONSTRUCTION PLANS, AND ON OBSERVATIONS DURING A SITE VISIT BY BBL PERSONNEL ON DECEMBER 3, 1997, PROPOSED BALLFIELD AND RELOCATED EAST STREET FROM SURVEY BY WHITE ENGINEERING, INC. DATED MAY 7, 2001 AT A SCALE OF 1" = 30'.
2. SITE BOUNDARY IS APPROXIMATE.
3. NOT ALL PHYSICAL FEATURES SHOWN.
4. 100-YEAR FLOODPLAIN BOUNDARY IS BASED ON FLOOD ELEVATIONS PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, "FLOOD INSURANCE STUDY" - CITY OF PITTSFIELD, MASSACHUSETTS, JANUARY 16, 1987; AND "FLOOD INSURANCE RATE MAP - CITY OF PITTSFIELD, MASSACHUSETTS" (PANELS 250037 0010C AND 250337 0020C), FEBRUARY 19, 1982, AND TWO-FOOT CONTOUR TOPOGRAPHIC MAPPING GENERATED PHOTOGRAMMETRICALLY IN 1990 AT A BASE SCALE OF 1:2,400.

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
EAST STREET AREA 2 SOUTH

**SUMMARY OF EXISTING SOIL
SAMPLING LOCATIONS**



Appendices

Appendix A

Applicable Performance Standards

Appendix A – Applicable Performance Standards

The Performance Standards for the Removal Actions at the GE Plant Area are set forth in Paragraph 25 of the Consent Decree (CD) and Section 2.2.2 of the *Statement of Work for Removal Actions Outside the River* (SOW) (Appendix E to the CD). The soil-related Performance Standards applicable to the East Street Area 2-South Removal Action are described below. It should be noted that, for purposes of these Performance Standards, all areas within East Street Area 2-South are considered “industrial areas” except for the 200-Foot-Wide Riparian Removal Zone discussed in Performance Standard #7 below and the upper 3 feet of the Future City Recreational Area discussed in Performance Standard #8 below (after installation of the soil cover), both of which are considered “recreational areas.” It should also be noted that, under the CD, GE is required to execute and record a Grant of Environmental Restriction and Easement (ERE) or EREs on all areas within East Street Area 2-South (all of which is owned by GE).

Response Actions for PCBs in Soil at Industrial Areas

1. The scope of response actions to address PCBs in soils at industrial areas shall be determined based on spatial average PCB soil concentrations for the specific averaging areas identified in Attachment E to the SOW (Protocols for PCB Spatial Averaging). GE shall utilize these averaging areas for soils deeper than one foot, and it shall utilize these or alternate averaging areas for the top foot of soil in accordance with the following conditions:
 - a) GE may utilize any of the pre-established averaging areas for the top foot of soil provided that it ensures the removal of all soils in the top foot in unpaved portions of such area that contain PCB concentrations in excess of a not-to-exceed (NTE) concentration of 125 ppm; or
 - b) GE may establish alternate averaging areas for the top foot of soil if such areas do not exceed 1.0 in size (without the need to achieve an NTE concentration); or
 - c) GE may propose to EPA for approval the use of any of the pre-established averaging areas or an alternate averaging area for the top foot of soil without the need to achieve an NTE concentration, and may utilize such area upon EPA approval (which may be conditioned on the inclusion in the ERE for such area of additional restrictions on construction, as described in Appendix L to the CD).

In addition, as further described in Attachment E to the SOW, the pre-established averaging areas identified in Attachment E to the SOW are subject to modification and/or the addition of new averaging areas, upon EPA approval, in the event that either the predominant use of a particular area changes or there is some other change at the GE Plant Area that creates a distinct exposure area within an identified averaging area prior to the recordation of an ERE covering such area.

2. For each such industrial averaging area, GE shall initially calculate a spatial average PCB concentration for the 0- to 1-foot depth increment for the unpaved portion of the averaging area and for the overall averaging area (considering both paved and unpaved areas). In addition, for the overall averaging area, GE shall calculate a spatial average PCB concentration for the 1- to 6-foot depth increment. In calculating the spatial average PCB concentration for the 1- to 6-foot depth increment for the averaging area that contains the Future City Recreational Area, GE shall take into account the response actions to be conducted for that recreational area.
3. GE shall conduct the following response actions for the top one foot of soil in each industrial averaging area:

- a) For any unpaved portion of such an averaging area that is located within the 100-year floodplain of the Housatonic River and where the spatial average PCB concentration in the top foot exceeds 25 ppm, GE shall remove and replace soils as necessary to achieve a spatial average PCB concentration of 25 ppm or below in the top foot. (In addition, if GE selected the option described in Standard #1.a, GE shall remove all soils containing PCB concentrations greater than 125 ppm from the top foot of the unpaved portion of the averaging area.)
 - b) For any unpaved portion of such an averaging area that is located outside the 100-year floodplain and where the spatial average PCB concentration in the top foot exceeds 25 ppm, GE shall either remove and replace soils or install a soil cover in accordance with the specifications for soil covers described in Attachment G to the SOW (Technical Requirements for Capping, Engineered Barriers, and Other Surface Covers) as necessary to achieve a spatial average PCB concentration of 25 ppm or below in the top foot.
 - c) For any averaging area (whether located within or outside the 100-year floodplain) where the spatial average PCB concentration in the top foot exceeds 25 ppm in the entire area (paved and unpaved portions combined), GE shall recalculate the spatial average PCB concentration for the top foot in that entire averaging area after incorporating the anticipated performance of the response actions described in Standard #3.a or #3.b, as applicable. If that recalculated spatial average PCB concentration still exceeds 25 ppm, GE shall maintain and enhance the existing pavement/concrete surfaces in those paved areas determined to cause the exceedance of the 25 ppm spatial average concentration for the top foot in the entire area. Such enhancements will be in accordance with the specifications described for pavement enhancement in Attachment G to the SOW. Where such pavement enhancement is undertaken within the 100-year floodplain of the Housatonic River, GE shall provide Flood Storage Compensation (as defined in the CD) within the same general area, but not necessarily in the specific location of the pavement enhancement.
4. For industrial averaging areas where the spatial average PCB concentration in the 1- to 6-foot depth increment exceeds 200 ppm, GE shall perform the following response actions: In any such area located within the 100-year floodplain of the Housatonic River, GE shall remove and replace soils as necessary to achieve a spatial average PCB concentration of 200 ppm or below in the 1- to 6-foot depth increment. In any such area located outside that 100-year floodplain, GE shall undertake a combination of removal and replacement of soils in unpaved areas and/or enhancement of existing pavement/concrete surfaces in paved areas (in accordance with the specifications for pavement enhancement in Attachment G to the SOW) as necessary to ensure that the PCB concentrations causing the spatial average to exceed 200 ppm are removed or covered by enhanced pavement.
 5. For any industrial averaging areas (as well as the areas described in Performance Standards #7 and #8 below) where utilities potentially subject to emergency repair requirements (e.g., water, gas, sewer, electricity, communication, and stormwater) are present and the spatial average PCB concentration in the corresponding utility corridor exceeds 200 ppm in the 1- to 6-foot depth increment, GE shall evaluate whether any additional response actions are necessary. GE shall submit the results of that evaluation, together with a proposal for such precautions or actions if needed, to EPA for review and approval. In addition, in the event that a new subgrade utility is installed in the future, or if an existing subgrade utility is repaired or replaced in the future, GE shall ensure that the spatial average PCB concentration of the backfill materials is at or below 25 ppm.
 6. After incorporating the anticipated performance of response actions in accordance with the foregoing Performance Standards, GE shall calculate, for each averaging area, the spatial average PCB concentration for the 0- to 15-foot depth increment. For any such industrial averaging area where the spatial average PCB concentration exceeds 100 ppm in the 0- to 15-foot depth increment (after incorporating the anticipated performance of response actions, if any, for other depth increments), GE shall install an engineered barrier

either over the soil (in currently unpaved areas) or over the pavement (in currently paved areas) in accordance with the specifications for engineered barriers in Attachment G to the SOW. In such areas within the 100-year floodplain, GE shall provide Flood Storage Compensation within the same general area, but such compensation need not be obtained in the specific locations subject to the barriers, except in the 200-Foot-Wide Riparian Removal Zone described in Performance Standard #7 below (if an engineered barrier should be required in that zone).

Response Actions for PCBs in Soils at 200-Foot-Wide Riparian Removal Zone

7. In the 200-Foot-Wide Riparian Removal Zone ("200-Foot RRZ"), as shown on Figure 1, GE shall remove all concrete/asphalt/gravel surfaces, buildings/structures (except for the 64W oil/water separator), and underlying soil to a total depth of one foot, and shall then replace that pavement/soil with a one-foot-thick vegetative engineered barrier, as described in Attachment G to the SOW (Technical Requirements for Capping, Engineered Barriers, and Other Surface Covers), except that such barrier need not be installed in any discrete portion of this 200-Foot RRZ where the spatial average PCB concentrations do not exceed 10 ppm in the top foot, 15 ppm in the 1- to 3-foot depth increment, and 100 ppm in the top 15 feet, provided that the effectiveness of the barrier is not compromised by discontinuities in the barrier.

Response Actions for PCBs in Soils at Future City Recreational Area

8. In support of the construction of the Future City Recreational Area (as generally shown on Figure 1), GE shall install a one-foot-thick (minimum) soil cover in this area in accordance with the general requirements for such covers provided in Attachment G to the SOW, and shall remove and replace soils in the next two feet below that cover as necessary to achieve a spatial average PCB concentration at or below 15 ppm in that 2-foot depth increment, using the spatial averaging protocols set forth in Attachment E to the SOW (Protocols for PCB Spatial Averaging).

The extent of response activities for depths greater than 3 feet within this area (after installation of the soil cover) shall be determined as part of response actions for the overall averaging area in which this particular area is located (i.e., the Former Gas Plant/Scrap Yard Area, as identified in Attachment E to the SOW), incorporating the anticipated performance of response activities for the top 3 feet of the Future City Recreational Area as described above.

Response Actions for Non-PCB Constituents in Soil

9. To address the presence of Appendix IX+3 constituents other than PCBs in soils at East Street Area 2-South, GE shall conduct an evaluation of such constituents for each of the averaging areas identified in Attachment E to the SOW or otherwise specified above. This evaluation shall be conducted in accordance with the protocols described in Attachment F to the SOW (Protocols for the Evaluation of Non-PCB Constituents in Soil) and shall comply with the following process-related Performance Standards:
 - a) First, GE shall review the data qualifiers on the Appendix IX+3 data to eliminate analytical laboratory results that indicate constituent occurrence as a result of laboratory interference or contamination (as indicated by the laboratory blank data).
 - b) Second, GE shall screen the remaining data to take into account the proposed response actions to address PCBs as specified in the above Performance Standards. Specifically, sample results from soil that will be removed to address PCBs will be eliminated from consideration, and it will be assumed that such soil will be replaced with an equal volume of clean soil containing concentrations of organic constituents at one-half

the detection limit and concentrations of inorganic constituents consistent with those detected in representative samples of the backfill material. Similar concentrations for organic and inorganic constituents will be assumed to be present in any soil cover used. For areas where an engineered barrier or pavement enhancement will be installed to address PCBs, the Appendix IX+3 sample results from soil underlying such barrier or enhanced pavement will be eliminated from consideration, and averages will be recalculated for the portion(s) of the areas not subject to such barrier or pavement enhancement (subject to potential modification, if necessary, based on the nature and concentration of volatile constituents for which such barriers/pavement may not provide effective containment).

- c) Third, GE shall further screen the remaining data by making the following comparisons for the sample results that were not eliminated in Step 2:
- i. For constituents other than dioxins/furans, GE shall compare the maximum concentration of each detected constituent to the EPA Region 9 Preliminary Remediation Goals (PRGs) (set forth in Exhibit F-1 to Attachment F to the SOW) for such constituents in soil, using the industrial PRG for industrial areas and the residential PRG for recreational areas. For polycyclic aromatic hydrocarbons (PAHs) for which Region 9 PRGs do not exist, GE shall use the Region 9 PRGs for benzo(a)pyrene for carcinogenic PAHs and the Region 9 PRGs for naphthalene for non-carcinogenic PAHs. For other constituents for which Region 9 PRGs do not exist, GE may propose screening concentrations based on either the Region 9 PRGs for chemicals with similar characteristics or on other appropriate risk-based calculations, and upon EPA approval, may use such screening concentrations in this step. (The Region 9 PRGs, together with the PRGs specified above for carcinogenic and non-carcinogenic PAHs for which there are no Region 9 PRGs and any additional screening concentrations proposed by GE and approved by EPA, are hereinafter referred to jointly as "Screening PRGs.") Any constituent whose maximum concentration is at or below the applicable Screening PRGs will be eliminated from further consideration. The remaining constituents will be subject to further evaluation.
 - ii. For dioxins/furans, GE shall calculate for each sample a total Toxicity Equivalent (TEQ) concentration, using the consensus Toxicity Equivalency Factors (TEFs) published by the World Health Organization (Van den Berg et al., *Environ. Health Perspectives*, vol. 106, no. 12, Dec. 1998). GE shall then compare, for the relevant averaging area and depth increment, either the maximum TEQ concentration or the 95% UCL on the mean of TEQ concentrations, whichever is lower, to the applicable PRG established by EPA for dioxin TEQs. These PRGs are: for industrial areas, 5 ppb in the top foot and 20 ppb in subsurface soil; and for recreational areas, 1 ppb in the top foot and 1.5 ppb in the 1- to 3-foot depth interval. If the maximum or 95% UCL TEQ concentration is less than the applicable PRG, no further response actions will be necessary to address dioxins/furans. If the maximum or 95% UCL TEQ concentration exceeds the applicable PRG, no further evaluation will be made, and GE shall develop response actions for EPA review and approval to achieve the dioxin PRG.
- d) Fourth, for each constituent (other than dioxins/furans) with a maximum concentration that exceeds the applicable Screening PRGs, GE shall compare the data set for that constituent for the particular averaging area (after taking into account any PCB-related response actions) with the background data set for that constituent, using either an appropriate statistical method or summary statistics (as described in the Massachusetts DEP's *Guidance for Disposal Site Risk Characterization*, 1995). For such comparisons, GE shall utilize site-specific background data sets approved by EPA for use as background, which may include, at a minimum, soil data from Housatonic River floodplain samples collected upstream of releases from the GE Plant Area and soil data from GE's off-site residential property program (excluding samples with detectable PCB concentrations and samples containing visible evidence of non-native fill). GE shall propose separate background data sets for surface soil and subsurface soil, and may propose separate

background data sets for commercial/industrial areas and residential/recreational areas. Any constituent for which the averaging area data set is consistent with the background data set will be eliminated from further consideration. Any constituent for which the averaging area data set is not consistent with the background data set will be subject to further evaluation. (Note: This step may be omitted if all constituents remaining after the initial screening described in Standard #9.c.i can be eliminated through the evaluation described in Standard #9.e below, or if a site-specific background data set has not been approved by EPA by the time of this evaluation.)

- e) Fifth, for each constituent (other than dioxins/furans) that is not eliminated in the prior steps, GE shall calculate an average concentration for the averaging area (taking into account the PCB-related response actions) and shall compare that average concentration to the applicable MCP Method 1 soil standard (S-1, S-2, or S-3). If there is no existing Method 1 soil standard for such a constituent, GE may derive a Method 2 standard, using the MCP procedures for doing so, and compare the average concentration to that standard. In making these comparisons, GE shall calculate separate average concentrations for surface soil and subsurface soil (using depth increments consistent with those evaluated for PCBs), and compare those average concentrations separately to applicable Method 1 (or 2) standards. Further, in determining the applicable set of Method 1 (or 2) standards (i.e., S-1, S-2, or S-3), GE shall follow the MCP criteria for categorizing soil, and may take into account the ERE that will be implemented for the area in question. If all constituents evaluated in this step have average concentrations at or below the applicable Method 1 (or 2) standards, no further response actions will be necessary to address such constituents. If any such constituent(s) have average concentrations exceeding the applicable Method 1 (or 2) standards, then GE shall either:
 - i. Develop response actions sufficient to reduce the average concentrations of such constituent(s) to the Method 1 (or 2) standards (or to achieve Performance Standards based on the Screening PRGs or background levels, as described in Standard #10 below); or
 - ii. Conduct an area-specific risk evaluation, as described in Standard #9.f below.
- f) Sixth, if an area-specific risk evaluation will be conducted, GE shall perform that evaluation for all constituents that were retained for evaluation prior to the step described in Standard #9.e above. In such an evaluation, GE shall calculate the cumulative Excess Lifetime Cancer Risk (ELCR) and non-cancer risk for all such constituents (excluding PCBs and dioxins/furans), based on the average concentrations of such constituents and the same uses for the area and depth increment in question (e.g., commercial/industrial worker, utility worker, recreational user) that were assumed in developing the applicable PCB Performance Standards for such area and depth increment. In such an evaluation, GE shall apply the same exposure assumptions used in Attachment A to EPA's Action Memorandum for Removal Actions Outside the River (Appendix D to the CD) to support the PCB Performance Standards for such area and depth increment, unless GE proposes and provides an adequate justification for alternate exposure assumptions for the following parameters for the specific area in question and EPA approves such alternate assumptions: (i) exposure frequency (if based on site-specific land conditions for the area in question); (ii) exposed skin surface area (if based on site-specific land conditions for the area in question); (iii) dermal adherence factor; (iv) soil ingestion rate; (v) oral absorption factor; and (vi) dermal absorption factor.

If the resulting cumulative ELCR for the area (excluding PCBs and dioxins/furans) does not exceed 1×10^{-5} (after rounding) and the non-cancer Hazard Index (excluding PCBs and dioxins/furans) does not exceed 1 (after rounding), no further response actions will be necessary to address these residual Appendix IX+3 constituents. Otherwise, further response actions will be necessary.

10. If the evaluation described in Standard #9 indicates the need for further response actions to address non-PCB constituents, GE shall develop, for EPA review and approval, specific Performance Standards for such response actions. Such Performance Standards shall be based on achieving the following, after taking into account the PCB-related response actions:

- a) For dioxin/furan TEQs, either maximum or 95% UCL TEQ concentrations that do not exceed the applicable EPA PRGs for dioxin; and
- b) For other constituents, any combination of the following: (i) maximum concentrations of individual constituents that do not exceed the applicable Screening PRGs; (ii) concentrations of individual constituents that are consistent with background levels (using an appropriate statistical technique or summary statistics); or (iii) for the remaining constituents (if any), either (A) average concentrations that do not exceed the applicable Method 1 (or 2) soil standards, or (B) cumulative risk levels that do not exceed (after rounding) an ELCR of 1×10^{-5} and a non-cancer Hazard Index of 1.

GE shall then propose and, upon EPA approval, undertake additional response actions as necessary to achieve those Performance Standards. The specific types of response activities to be taken to achieve such Performance Standards (e.g., soil removal, capping, pavement enhancement) shall be the same as those established by the Performance Standards for PCBs at the area in question, subject to potential modification if necessary based on the nature and concentration of volatile constituent.

Appendix B

Prior Soil Analytical Data

Appendix B – Prior Soil Analytical Data

Analytical results relating to soils at East Street Area 2-South have been summarized in several prior reports prepared under various regulatory programs. The documents listed below provide information concerning the results of prior soil investigations at this area:

- *East Street Area 2 Ground-water Treatment Facility Supplemental Information*, Blasland, Bouck & Lee, Inc. (BBL), November 1990;
- *MCP Interim Phase II Report and Current Assessment Summary for East Street Area 2/USEPA Area 4*, BBL, August 1994;
- *Addendum to Phase II/RFI Proposal East Street Area 2/USEPA Area 4*, Golder Associates, May 1996;
- *Immediate Response Action Plan for Building 68 Area*, BBL, October 1996;
- *Certificate of Analysis*, Northeast Analytical Laboratories, March 1997;
- *Report on Supplemental Characterization Activities - Building 68 Area*, BBL, Draft- February 1998;
- *Revised Addendum to MCP Supplemental Phase II Scope of Work and Proposal for RCRA Facility Investigation of East Street Area 2/USEPA Area 4*, BBL, September 1998;
- *Proposal for Supplemental Source Control Containment/Recovery Measures*, BBL, January 1999;
- *DNAPL Assessment East Street Area 2 Site; Pittsfield, Massachusetts Addendum*, HSI GeoTrans, Inc., October, 1999;
- *Completion of Work Report for Building 68 Removal Action*, BBL, February 2000; and
- *Pre-Design Investigation Report for Portion of East Street Area 2-South: Future City Recreational Area*, BBL, April 2001.

This Appendix presents a summary of the existing soil analytical data at East Street Area 2-South. The following data tables, which summarize the concentrations of PCBs and non-PCB Appendix IX+3 constituents detected in soil samples collected at East Street Area 2-South, have been previously presented in the above reports.

PRIOR PCB SOIL DATA

GROUND-WATER TREATMENT FACILITY

RESULTS OF SOIL SAMPLING AND ANALYSIS

Constituent	Soil Concentration for 0 to 6 Feet Depth (ppm)									
	GW-1	GW-2	GW-3	GW-4	GW-5	GW-6	GW-7	GW-8	GW-9	GW-10
1. PCBs	0.9	0.49	--	0.4	2.4	2.0	0.74	0.74	0.15	2.8
2. Volatile Organics										
Benzene	--	--	--	130	--	--	--	--	--	--
Ethyl Benzene	--	--	--	240	--	--	--	--	--	--
Methylene Chloride	--	6	7	--	5	8	11	9	13	--
Toluene	--	--	--	400	--	--	--	--	--	--
3. Base Neutral/Acid Extractables										
Acenaphthene	--	--	--	--	--	--	--	18	--	--
Acenaphthylene	--	--	--	--	--	--	--	45	--	--
Anthracene	--	--	--	--	--	--	--	28	--	--
Benzo(a) Anthracene	--	--	--	140	--	--	--	110	--	--
Benzo(b) Fluoranthene	--	--	--	97	--	--	--	72	--	--
Benzo(k) Fluoranthene	--	--	--	140	--	13	--	88	--	--
Benzo(a) Pyrene	--	--	--	150	--	--	--	52	--	--
Benzo(g,h,i) Perylene	--	--	--	32	--	--	--	20	--	--
Chrysene	--	--	13	150	--	--	--	120	--	--
Dibenz (a,h) Anthracene	--	--	--	14	--	--	--	--	--	--
Fluoranthene	--	--	--	280	--	--	--	240	--	--
Fluorene	--	--	--	85	--	--	--	90	--	--
Indeno (1,2,3-cd) Pyrene	--	--	--	240	--	--	--	19	--	--
Naphthalene	--	--	--	2,300	--	--	--	2,000	--	--
Phenanthrene	--	--	--	890	--	--	--	590	--	--
Pyrene	--	--	--	520	--	--	--	350	--	--

TABLE 8

EAST STREET AREA 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSSUBSURFACE PCB CONCENTRATIONS
IN AREA OF SLURRY WALL (PPM)

Depth from Surface (ft.)	Boring Number				
	SW-1	SW-2	SW-4	SW-5	SW-8
0-2	<1	<1	↑	↑	↑
2-4	<1	<1	↑	↑	↑
4-6	<1	<1	<1	<1	3
6-8	<1	<1	↑	↑	↑
8-10	<1	<1	↑	↑	↑
10-12	<1	<1	$\frac{Y}{A}$ 32	$\frac{Y}{A}$	↑
12-14	<1	24	<1	↑	$\frac{Y}{A}$ 7
14-16	<1	<1	26	<1	15
16-18	<1	<1	62	↑	5
18-20	<1	3	84	$\frac{Y}{A}$	↑
20-22	End of Boring	<1	$\frac{Y}{A}$	$\frac{Y}{A}$	↑
22-24		<1	↑	17	<1
24-26		<1	8	↑	↑
26-28		<1 End of Boring	$\frac{Y}{A}$ End of Boring	$\frac{Y}{A}$ End of Boring	$\frac{Y}{A}$ End of Boring

Notes:

1. Sampling dates 8/7/86-8/12/86.
2. Samples collected by Geraghty & Miller, Inc.; Analysis by General Electric.

TABLE 10
 EAST STREET AREA 2
 GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
SOUTHSIDE PUMP STATION
SUBSURFACE PCB CONCENTRATIONS (PPM)

Depth from Surface (ft)	Boring Number						
	<u>B4</u>	<u>B5</u>	<u>B10</u>	<u>B12</u>	<u>B17</u>	<u>B19</u>	<u>B23</u>
0-2	595	319	7,111	16	1,040	4,857	184
2-4	2,190	22,549	11,863	3,132	12,200	6,829	1,442
4-6	949	17,500	46	3,750	53,307	3,929	<9
6-8	End of Boring	24,138	7,692	9,655	1,590	End of Boring	<11
8-10	End of boring	40,410	<5	End of boring		End of boring	
		End of boring	End of boring				

Notes:

1. Sampling dates 11/5/86 - 11/7/86
2. Samples collected by Geraghty & Miller, Inc.; analysis by General Electric.

TABLE 7

EAST STREET AREA 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSSUBSURFACE PCB CONCENTRATIONS
WASTEWATER TREATMENT FACILITY (PPM)

<u>Depth Below</u> <u>Grade (ft.)</u>	<u>Boring Number</u>				
	<u>B-1</u>	<u>B-2</u>	<u>B-3</u>	<u>B-4</u>	<u>B-5</u>
0-2		15	14	3	2
2-4	10/4	<1	14	7	2
4-6	12	<1	2	<1	<1
6-8	7	<1	1	<1	<1
8-10	11	<1	<1	<1	1
10-12	20	<1	46	<1	3
12-14	69	<1	53	45	38
14-16	58	NR	NR	54	52
16-18	188	183	139	114	132
18-20	231	247	218	230	486

MISCELLANEOUS SAMPLES

<u>Description</u>	<u>PCBs (ppm)</u>
Concrete - Former Tank Foundation	<1
Soil - Unsuitable Foundation Material	<50
Concrete Pavement - Building 64	25
Asphalt Pavement - Building 66 Trench and East Street Parking Lots	11
Soil - Electrical Trench (East)	1
Soil - Electrical Trench (West)	2,485
Soil - Building 66 Trench	2

Note:

NR = No sample recovery

BLASLAND AND BOUCK ENGINEERS P.C.

To: Files
 From: RWR
 Re: East St. Area 2 Soil Sampling

Date: 6/13/89
 File No: 101-79-10
 cc: Grant Bowman (GE)
 Jeff Ruebesaa (GE)
 BOB GOLDMAN (BB)

The following is a summary of the sample results for the PCB sampling conducted on 6/8/89 at East Street Area 2. A drawing showing the sample location is attached (see Figure 1). An Analytical Report provided by Q86 Laboratories has also been included.

PCB SAMPLING RESULTS

LAB ID	TOTAL PCB PPM	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE DEPTH
ESTA2-C1A	49	LOC.#1	SOIL	DISCRETE-GRAB	0'-1'
ESTA2-C1B	<5	LOC.#1	SOIL	DISCRETE-GRAB	1'-2'
ESTA2-C1C	<5	LOC.#1	SOIL	DISCRETE-GRAB	2'-3'
ESTA2-C2A	36	LOC.#2	SOIL	DISCRETE-GRAB	0'-1'
ESTA2-C2B	<5	LOC.#2	SOIL	DISCRETE-GRAB	1'-2'
ESTA2-C2C	<5	LOC.#2	SOIL	DISCRETE-GRAB	2'-3'
ESTA2-C3A	<5	LOC.#3	SOIL	DISCRETE-GRAB	0'-1'
ESTA2-C3B	<5	LOC.#3	SOIL	DISCRETE-GRAB	1'-2'
ESTA2-C3C	<5	LOC.#3	SOIL	DISCRETE-GRAB	2'-3'
ESTA2-C4A	<5	LOC.#4	SOIL	DISCRETE-GRAB	0'-1'
ESTA2-C4B	<5	LOC.#4	SOIL	DISCRETE-GRAB	1'-2'
ESTA2-C4C	<5	LOC.#4	SOIL	DISCRETE-GRAB	2'-3'
ESTA2-C5A	<5	LOC.#5	SOIL	DISCRETE-GRAB	0'-1'
ESTA2-C5B	<5	LOC.#5	SOIL	DISCRETE-GRAB	1'-2'
ESTA2-C5C	<5	LOC.#5	SOIL	DISCRETE-GRAB	2'-3'
ESTA2-C6A	<5	LOC.#6	SOIL	DISCRETE-GRAB	0'-1'
ESTA2-C6B	<5	LOC.#6	SOIL	DISCRETE-GRAB	1'-2'
ESTA2-C6C	<5	LOC.#6	SOIL	DISCRETE-GRAB	2'-3'
ESTA2-C7A	<5	LOC.#7	SOIL	DISCRETE-GRAB	0'-1'
ESTA2-C7B	<5	LOC.#7	SOIL	DISCRETE-GRAB	1'-2'
ESTA2-C7C	<5	LOC.#7	SOIL	DISCRETE-GRAB	2'-3'
ESTA2-C8A	<5	LOC.#8	SOIL	DISCRETE-GRAB	0'-1'
ESTA2-C8B	<5	LOC.#8	SOIL	DISCRETE-GRAB	1'-2'
ESTA2-C8C	<5	LOC.#8	SOIL	DISCRETE-GRAB	2'-3'
ESTA2-C9A	<5	LOC.#9	SOIL	DISCRETE-GRAB	0'-1'
ESTA2-C9B	<5	LOC.#9	SOIL	DISCRETE-GRAB	1'-2'
ESTA2-C9C	<5	LOC.#9	SOIL	DISCRETE-GRAB	2'-3'

LAB ID	TOTAL PCB PPM	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE DEPTH
ESTA2-C10A	<5	LOC.#10	SOIL	DISCRETE-GRAB	0'-1'
ESTA2-C10B	<5	LOC.#10	SOIL	DISCRETE-GRAB	1'-2'
ESTA2-C10C	<5	LOC.#10	SOIL	DISCRETE-GRAB	2'-3'
ESTA2-C11A	<5	LOC.#11	SOIL	DISCRETE-GRAB	0'-1'
ESTA2-C11B	<5	LOC.#11	SOIL	DISCRETE-GRAB	1'-2'
ESTA2-C11C	<5	LOC.#11	SOIL	DISCRETE-GRAB	2'-3'
ESTA2-C12A	<5	LOC.#12	SOIL	DISCRETE-GRAB	0'-1'
ESTA2-C12B	<5	LOC.#12	SOIL	DISCRETE-GRAB	1'-2'
ESTA2-C12C	<5	LOC.#12	SOIL	DISCRETE-GRAB	2'-3'
ESTA2-C13A	<5	LOC.#13	SOIL	DISCRETE-GRAB	0'-1'
ESTA2-C13B	<5	LOC.#13	SOIL	DISCRETE-GRAB	1'-2'
ESTA2-C13C	<5	LOC.#13	SOIL	DISCRETE-GRAB	2'-3'

RWR/bee

TABLE 2. RESULTS OF PCBs ANALYSES^{a)} PERFORMED ON SOIL SAMPLES COLLECTED ON AUGUST 28-30, 1990, AT THE PROPOSED AREA 2 GROUNDWATER TREATMENT FACILITY, GE COMPANY, PITTSFIELD, MASSACHUSETTS.

<u>WELL IDENTIFICATION</u>	<u>DEPTH (FEET)</u>	<u>AROCLOR 1016^{b)} 1232 & 1242</u>	<u>AROCLOR 1254</u>	<u>AROCLOR 1260</u>	<u>TOTAL AROCLORS</u>
GW-1	0-6	ND ^{c)}	0.26	0.64	0.90
GW-2	0-6	ND	0.14	0.35	0.49
GW-3	0-6	ND	ND	ND	ND
GW-4	0-6	ND	ND	0.40*	0.40
GW-5	0-6	ND	0.19	2.2	2.4
GW-6	0-6	ND	ND	2.0*	2.0
GW-7	0-6	ND	ND	0.74	0.74
GW-8	0-6	ND	ND	0.74*	0.74
GW-9	0-6	ND	ND	0.15*	0.15
GW-10	0-6	ND	0.40*	2.4*	2.8
Grab Sample	NA	ND	ND	150*	150

^{a)} Analyzed per EPA Method 8080

^{b)} PCB Concentrations reported in mg/kg (ppm)

^{c)} Compound was analyzed for but not detected

* Alteration of standard Aroclor pattern

NA Not Applicable

BLASLAND AND BOUCK ENGINEERS P.C.

To: Files
From: Bruce Eulian
Re: Thermal Oxidizer Sampling

Date: 09/20/90
File No: 101-75-10
cc: Grant Bowman (GE)
Jeff Ruebesam (GE)

The following is a summary of the sample results for the PCB sampling program conducted outside Bldg. 60-A on 08/17/90. A drawing showing the sample location is attached (see figure 1). An analytical Report provided by GSG Laboratories has also been included.

PCB SAMPLING RESULTS METHOD 8080

LAB ID	TOTAL PCB PPM	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE DEPTH
TH-OX-C35	1400.0	1	SOIL	DISCRETE-GRAB	0'-1'
TH-OX-C36	45.0	1	SOIL	DISCRETE-GRAB	1'-2'
TH-OX-C37	62.0	1	SOIL	DISCRETE-GRAB	2'-3'

DELIVERED TO
GRANT BOWMAN &
10-15-90

BLASLAND AND BOUCK ENGINEERS P.C.

To: Files
From: Bruce Eulian
Re: East St. Area II Soil Sampling

Date: 10/15/90
File No: 101-75-12
cc: Grant Bowman (GE)
Mark Phillips (GE)

The following is a summary of the sample results for the PCB sampling program conducted at East St. Area II on 10/08/90. A drawing showing the sample location is attached (see figure 1). An analytical Report provided by OEG Laboratories has also been included.

PCB SAMPLING RESULTS METHOD 8080

LAB ID	TOTAL PCB PPM	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE DEPTH
EA-ST2-C1	<.6	1	SOIL	DISCRETE-GRAB	0'-6"
EA-ST2-C2	<.6	1	SOIL	DISCRETE-GRAB	6'-12"
EA-ST2-C3	<.6	2	SOIL	DISCRETE-GRAB	0'-6"
EA-ST2-C4	<.6	2	SOIL	DISCRETE-GRAB	6'-12"
EA-ST2-C5	<.6	3	SOIL	DISCRETE-GRAB	0'-6"
EA-ST2-C6	<.6	3	SOIL	DISCRETE-GRAB	6'-12"
EA-ST2-C7	<.6	4	SOIL	DISCRETE-GRAB	0'-6"
EA-ST2-C8	<.6	4	SOIL	DISCRETE-GRAB	6'-12"

Table 1. Results of PCBs Analyses^{a)} Performed on Soil Samples Collected at GE Company, Area 2, Groundwater Treatment Facility, December 5-10, 1990, Pittsfield, Massachusetts

Sample Designation	Depth (feet)	Aroclor			Total Aroclors ^{b)}
		1016,1221,1232 1242 and/or 1248 ^{b)}	Aroclor 1254 ^{b)}	Aroclor 1260 ^{b)}	
RS-1	(0-6)	ND	2.8	5.5	8.3
RS-2	(0-6)	ND	2.6	3.8	6.4
RS-3	(0-6)	ND	ND	ND	ND
RS-4	(0-6)	ND	2.4	0.59	2.99
RS-5	(0-6)	ND	2.5	8.0	10.5
RS-6	(0-6)	ND	ND	0.6	0.6
RS-7	(0-9)	ND	ND	0.11	0.11
D-1	(0-6)	ND	ND	0.82	0.82
D-2	(0-6)	ND	0.07	0.5	0.57
D-3	(0-2),(4-6)	ND	ND	0.68	0.68
WM-1	(0-6)	ND	ND	ND	ND
WM-2	(0-6)	ND	ND	0.39	0.39
SS-1	(0-10)	ND	0.019	0.014	0.033
SS-2	(0-6)	ND	ND	0.21	0.21
SS-3	(0-6)	ND	ND	0.2	0.2
E-1	(0-6)	ND	ND	1.0	1.0
E-2	(0-3)	ND	ND	1.4	1.4
E-3	(0-2)	ND	ND	ND	ND
E-4	(0-6)	ND	ND	ND	ND
E-5	(0-3)	ND	0.053	0.025	0.078
E-6	(0-3)	ND	ND	ND	ND

Analyzed per EPA Method 8080.

Concentrations reported in mg/kg (ppm). Detection limits varied between samples and analytes due to laboratory dilution factors. Factors specific detection limits see laboratory data sheets.

ND

Compound was analyzed for but not detected.

GERAGHTY & MILLER, INC.

Table 1. Results of PCBs Analyses^{a)} Performed on Soil Samples Collected at GE Company, Area 2, Groundwater Treatment Facility, December 5-10, 1990, Pittsfield, Massachusetts

Sample Designation	Depth (feet)	Aroclor			Total Aroclors ^{b)}
		1016,1221,1232 1242 and/or 1248 ^{b)}	Aroclor 1254 ^{b)}	Aroclor 1260 ^{b)}	
BF-1	(0-0.5)	ND	ND	0.22	0.22
BF-2	(0-0.58)	ND	ND	0.026	0.026
BF-3	(0-0.58)	ND	ND	0.5	0.5
BF-4	(0-0.5)	ND	0.55	1.2	1.75
BF-5	(0-0.5)	ND	0.44	0.5	0.94
BF-6	(0-3)	ND	ND	0.48	0.48
CA-1	(0-5)	ND	ND	ND	ND
3602-DRUM	(Composite)	ND	ND	0.26	0.26

Analyzed per EPA Method 8080.

Concentrations reported in mg/kg (ppm). Detection limits varied between samples and analytes due to laboratory dilution factors. Factors specific detection limits see laboratory data sheets.

TABLE 4-11

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING DATA RELATED TO MONITORING WELLS

PCBs (Dry-weight ppm)

Location	(Depth)	Aroclor			Total PCBs
		1016, 1232, 1242 and/or 1248	1254	1260	
ES2-1	(0-2 ft.)	--	--	54	54
	(2-4 ft.)	NS	NS	NS	NS
	(4-6 ft.)	--	--	19	19
	(6-8 ft.)	--	--	6.4	6.4
	(8-10 ft.)	NS	NS	NS	NS
	(10-12 ft.)	--	--	24	24
	(12-14 ft.)	--	--	42	42
	(14-16 ft.)	--	--	74	74
	(16-18 ft.)	NS	NS	NS	NS
	(18-20 ft.)	--	--	0.51	0.51
	(20-22 ft.)	--	--	2	2
	(22-24 ft.)	--	--	7.3	7.3
	(24-26 ft.)	--	--	0.71	0.71
	(26-28 ft.)	--	--	0.58	0.58
	(28-30 ft.)	--	--	0.07*	0.07
	(30-32 ft.)	--	--	0.6	0.6
	(32-34 ft.)	--	--	1	1
ES2-2	(0-2 ft.)	18*	280*	150*	450
	(2-4 ft.)	--	0.23*	0.09*	0.32
	(4-6 ft.)	36*	760*	330*	1,100
	(6-8 ft.)	20*	160*	100*	280
	(8-10 ft.)	18*	280*	190*	490
	(10-12 ft.)	0.63*	10*	5.5*	16
	(10-12 ft.) Dup.	4.6*	90*	41*	140
	(12-14 ft.)	0.2*	3.7*	2.1*	6
	(14-16 ft.)	0.37*	6.2*	3.3*	9.9
	(16-18 ft.)	--	0.06*	--	0.06
	(18-20 ft.)	0.15*	2.6*	1.6*	4.4
	(20-22 ft.)	--	1*	0.68*	1.7
	(22-24 ft.)	0.27*	4.4*	2.7*	7.4
	(24-26 ft.)	--	23*	13*	36
	(26-28 ft.)	0.4*	7.4*	4.3*	12
	(28-30 ft.)	--	18*	11*	29

(See Notes on Page 4)

TABLE 4-11
(CONT'D)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING DATA RELATED TO MONITORING WELLS

PCBs (Dry-Weight ppm)

Location	(Depth)	Aroclor 1016, 1232, 1242 and/or 1248	Aroclor 1254	Aroclor 1260	Total PCBs
ES2-3	(0-2 ft.)	--	--	49	49
	(2-4 ft.)	--	20	3	23
	(4-6 ft.)	--	5.6	1.8	7.4
	(6-8 ft.)	--	1.4	1.3	2.7
	(8-10 ft.)	--	32	--	32
	(10-12 ft.)	--	--	--	--
	(10-12 ft.) Dup.	--	0.51	--	0.51
	(12-14 ft.)	--	0.21	--	0.21
	(14-16 ft.)	--	3.2	0.87	4.1
	(16-18 ft.)	--	0.3	0.07	0.37
	(18-20 ft.)	--	0.39	0.09	0.48
	(20-22 ft.)	--	0.85	--	0.85
	(22-24 ft.)	--	0.1	0.05	0.15
	(24-26 ft.)	--	0.19	0.05	0.24
	(26-28 ft.)	--	--	--	--
	(28-30 ft.)	--	--	--	--
ES2-4	(0-2 ft.)	--	140	--	140
	(2-4 ft.)	--	0.61	0.44	1
	(4-6 ft.)	NS	NS	NS	NS
	(6-8 ft.)	--	11	1.4	12
	(8-10 ft.)	--	--	--	--
	(10-12 ft.)	--	--	--	--
	(12-14 ft.)	--	--	--	--
	(14-16 ft.)	--	1.5	0.62	2.1
	(16-18 ft.)	--	0.3	0.13	0.43
	(18-20 ft.)	--	1.9	0.55	2.4
	(20-22 ft.)	--	0.4	0.12	0.52
	(20-22 ft.) Dup.	--	0.39	0.14	0.53

(See Notes on Page 4)

TABLE 4-11
(CONT'D)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING DATA RELATED TO MONITORING WELLS

PCBs (Dry-Weight ppm)

Location	(Depth)	Aroclor			Total PCBs
		1016, 1232, 1242 and/or 1248	1254	1260	
ES2-5	(0-2 ft.)	0.45*	5.4	1.1	7
	(2-4 ft.)	--	--	--	--
	(4-6 ft.)	0.15*	0.71	--	0.71
	(4-6 ft.) Dup.	--	0.21	--	0.21
	(6-8 ft.)	--	--	--	--
	(8-10 ft.)	--	0.07	--	0.07
	(10-12 ft.)	--	--	--	--
	(12-14 ft.)	--	--	--	--
	(14-16 ft.)	0.21*	1.3	0.46	2
	(16-18 ft.)	--	--	--	--
	(18-20 ft.)	--	--	0.12	0.12
	(20-22 ft.)	--	--	--	--
	(22-24 ft.)	--	0.21	0.1	0.31
	(24-26 ft.)	--	--	--	--
	(26-28 ft.)	--	--	--	--
	(28-30 ft.)	--	--	--	--
ES2-6	(0-2 ft.)	--	--	1.5	1.5
	(2-4 ft.)	--	0.4*	0.1	0.5
	(4-6 ft.)	--	0.2*	0.07	0.3
	(6-8 ft.)	--	--	0.08	0.08
	(8-10 ft.)	--	--	7.5	7.5
	(10-12 ft.)	--	--	140	140
	(12-14 ft.)	--	--	160	160
	(14-16 ft.)	--	--	81	81
	(16-18 ft.)	--	--	33	33
	(18-20 ft.)	--	--	0.9	0.9
	(20-22 ft.)	--	--	1.4	1.4
	(22-24 ft.)	--	--	1.3	1.3
	(24-26 ft.)	--	--	0.09	0.09
	(26-28 ft.)	--	--	0.2	0.2
	(28-30 ft.)	--	--	0.05	0.05
	(30-32 ft.)	--	--	0.05	0.05
	(32-34 ft.)	--	--	0.96	0.96
	(34-36 ft.)	--	--	5.6	5.6
	(36-38 ft.)	--	--	1.4	1.4
	(38-40 ft.)	--	--	2.1	2.1
	(40-42 ft.)	--	--	0.3	0.3
	(42-44 ft.)	--	--	0.3	0.3
	(44-46 ft.)	NS	NS	NS	NS
	(46-48 ft.)	--	--	0.05	0.05
	(48-50 ft.)	--	--	--	--

(See Notes on Page 4)

TABLE 4-11
(CONT'D)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING DATA RELATED TO MONITORING WELLS

PCBs (Dry-Weight ppm)

Location	(Depth)	Aroclor 1016, 1232, 1242 and/or 1248	Aroclor 1254	Aroclor 1260	Total PCBs
ES2-7	(0-2 ft.)	--	97	110	210
	(2-4 ft.)	--	1.5	2.6	4.1
	(4-6 ft.)	3.9	12	82	98
	(6-8 ft.)	--	--	100*	100
	(8-10 ft.)	37*	--	440*	480
	(10-12 ft.)	0.25*	--	3.8*	4
	(12-14 ft.)	0.25*	--	3.7*	4
	(14-16 ft.)	--	--	0.2*	0.2
	(16-18 ft.)	--	--	0.52*	0.52
	(18-20 ft.)	--	--	0.72*	0.72
	(20-22 ft.)	--	--	0.25*	0.25
	(22-24 ft.)	--	--	0.33*	0.33
	(24-26 ft.)	--	--	0.28*	0.28
	(26-28 ft.)	--	--	0.11*	0.11
	(28-30 ft.)	--	--	--	--
	(30-32 ft.)	--	--	--	--
	(32-34 ft.)	NS	NS	NS	NS
	(34-36 ft.)	--	0.3	0.47	0.77
	(36-38 ft.)	--	--	--	--
	(38-40 ft.)	--	--	0.05	0.05
	(40-42 ft.)	--	--	--	--

Notes:

Samples were collected between January 10 and 21, 1991 and submitted to IT Analytical Services (ITAS) for PCB analysis.

ppm - Parts per million.

-- Indicates not detected at or above the detection level.

NS - Not sampled.

* - Sample exhibits alteration of standard Aroclor pattern.

Dup. - Indicates duplicate sample.

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY FOR MCP SOIL BORING PCB DATA RELATED TO SCRAP YARD AREA

(TOTAL PCBs, Dry-weight ppm)

LOCATION	DEPTH (FEET)								
	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18
Y-1	860	40	240	240	NA	NS	NS	NS	NS
Y-1 (Dup.)		5,100							
Y-1					220 **				
Y-2	520	12	2,000	NA	110	NS	NS	NS	NS
Y-2				97 **					
Y-2 (Dup.)				118 **					
Y-3	160	140	18	170	NA	0.13	79	44	NS
Y-3					56 **				
Y-4	3.8	9.8	NA	3.8	0.62	NS	NS	NS	NS
Y-4			-- **						
Y-5	26	130	NA	22	110	29	--	NS	NS
Y-5			240 **						
Y-8	22	7.9	NA	--	--	NS	NS	NS	NS
Y-6			2.68 **						
Y-7	38	1.6	NA	15	0.4	NS	NS	NS	NS
Y-7			2.47 **						
Y-8	220	NA	8	--	0.05	NS	NS	NS	NS
Y-8		11.2 **							
Y-9	2,400	54	NA	0.05	240	1.4	NS	NS	NS
Y-9 (Dup.)				420					
Y-9 (RE)				11					
Y-9			105 **						
Y-10	120	34	150	26	21	26	NS	NS	NS
Y-10 (Dup.)						180			
Y-10		48 **							
Y-11	21	NA	34	21	9.5	NS	NS	NS	NS
Y-11		28 **							
Y-12	120	NA	--	0.68	1.8	--	1.1	10	0.08
Y-12		43 **							
Y-13	91	NA	0.23	1.3	0.14	NS	NS	NS	NS
Y-13		1.7 **							
Y-14	87	270	NA	19	38	280	8.9	NS	NS
Y-14 (Dup.)							71		
Y-14			29 **						
Y-15	150	31	0.69	11	--	700	NS	NS	NS
Y-15		139 **							
Y-16	--	0.12	0.07	--	NA	--	NS	NS	NS
Y-16					0.1 **				
Y-17	1.6	NA	0.44	--	6.9	0.22	0.79	--	NS
Y-17		7.3 **							
Y-18	32	NA	1.6	4.2	0.2	0.13	--	NS	NS
Y-18 (Dup.)	3.2								
Y-18		11.6 **							
Y-18 (Dup.)		3.1 **							
Y-19	120	0.86	120	8.2	--	NA	0.61	NS	NS
Y-19						46.7 **			
Y-20	140	30	140	220	340	410	53	NS	NS
Y-20			54 **						
Y-21	0.91	1.1	0.26	--	--	--	0.21	--	NS
Y-21 (Dup.)				--					
Y-21							0.5 **		
Y-22	--	--	--	--	--	NS	NS	NS	NS
Y-22	-- **								
Y-23	0.1	--	--	--	--	--	--	NS	NS
Y-23 (Dup.)									
Y-23		1.3 **							
Y-24	0.58	2.7	8	--	--	--	NS	NS	NS
Y-24					3.55 **				
Y-26	0.36	0.72	--	--	--	NS	NS	NS	NS
Y-26 (Dup.)			--						
Y-26		-- **							
Y-27	--	--	--	NS	NS	NS	NS	NS	NS
Y-27			-- **						

Notes:

Samples were collected between June 5 and 24, 1991 and submitted to IT Analytical (ITAS) for PCB analysis.

ppm = Parts per million.

-- = Indicates not detected at or above the detection level.

NA = Not analyzed by ITAS; see Table 4-7 for sample result.

NS = Not sampled.

RE = Indicates re-extraction of sample.

Dup. = Indicates duplicate sample.

** = Split sample result (CompuChem Laboratories, Inc.).

TABLE 4-6b

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY FOR MCP SOIL BORING PCB DATA RELATED TO SCRAP YARD AREA

(AROCLOCR 1286, Dry-weight ppm)

LOCATION	DEPTH (FEET)								
	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18
Y-1	230	13	52	--	NA	NS	NS	NS	NS
Y-1(Dup.)	--	--	--	--	-- **	--	--	--	--
Y-1	140	5.3	--	NA	6.4	NS	NS	NS	NS
Y-2				20 **					
Y-2(Dup.)				20 **					
Y-3	74	110	11	75	NA	0.07	43	28	NS
Y-3					22 **				
Y-4	1.2	5.7	NA	2	0.39 *	NS	NS	NS	NS
Y-4			-- **						
Y-5	28	36	NA	3.2	33	--	--	NS	NS
Y-5			-- **						
Y-6	--	2	NA	--	--	NS	NS	NS	NS
Y-6			0.68 **						
Y-7	18	1	NA	7.8	0.21	NS	NS	NS	NS
Y-7			0.87 **						
Y-8	200	NA	6.7	--	0.05	NS	NS	NS	NS
Y-8		7.3 **							
Y-9	520	7	NA	--	120	0.67	5.9	NS	NS
Y-9(Dup.)				200					
Y-9(RE)				5.9					
Y-9			38 **						
Y-10	43 *	30 *	74	26	14	24	NS	NS	NS
Y-10(Dup.)						170 *			
Y-10		48 **							
Y-11	6.5	NA	12	6.2	2.5	NS	NS	NS	NS
Y-11		15 **							
Y-12	24	NA	--	0.3	0.65	--	0.4	2.8	--
Y-12		-- **							
Y-13	67	NA	0.23	1.3	0.14	NS	NS	NS	NS
Y-13		1.7 **							
Y-14	--	--	NA	--	12	--	6.3	NS	NS
Y-14(Dup.)							--		
Y-14			10 **						
Y-15	140 *	25	0.69 *	9 *	--	700 *	NS	NS	NS
Y-15		39 **							
Y-16	--	--	--	--	NA	--	NS	NS	NS
Y-16					-- **				
Y-17	0.44	NA	0.13	--	1.8	0.07	0.25	--	NS
Y-17		-- **							
Y-18	16	NA	0.66	2.2	0.11	0.07	--	NS	NS
Y-18(Dup.)	1.5								
Y-18		3.9 **							
Y-18(Dup.)		3.1 **							
Y-19	--	0.48	--	--	--	NA	0.47	NS	NS
Y-19						4.7 **			
Y-20	140	30	140	190	340	410 *	44 *	NS	NS
Y-20			54 **						
Y-21	0.56	1.1	0.28	--	--	--	0.21	--	NS
Y-21(Dup.)									
Y-21							0.5 **		
Y-22	--	--	--	--	--	--	NS	NS	NS
Y-22	-- **								
Y-23	0.1 *	--	--	--	--	--	--	NS	NS
Y-23(Dup.)									
Y-23		0.88 **							
Y-24	0.36	1.7	1.8	--	--	--	NS	NS	NS
Y-24					0.65 **				
Y-25	0.36 *	0.35	--	--	--	NS	NS	NS	NS
Y-25(Dup.)									
Y-25		-- **							
Y-27	--	--	--	NS	NS	NS	NS	NS	NS
Y-27			-- **						

Notes:

Samples were collected between June 5 and 24, 1991 and submitted to IT Analytical Services (ITAS) for PCB analysis.

ppm = Parts per million.

-- = Indicates not detected at or above the detection level.

NA = Not analyzed by ITAS; see Table 4-7 for sample result.

NS = Not sampled.

RE = Indicates re-extraction of sample.

** = Split sample result (CompuChem Laboratories, Inc.)

* = Sample exhibits alteration of standard Aroclor pattern.

Dup. = Indicates duplicate sample.

TABLE 4-8c

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY FOR MCP SOIL BORING PCB DATA RELATED TO SCRAP YARD AREA

(AROCLOL 1254, Dry-weight ppm)

LOCATION	DEPTH (FEET)								
	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18
Y-1	630	27	190	240	NA	NS	NS	NS	NS
Y-1 (Dup.)		5100							
Y-1					220 **				
Y-2	380	7	2,000	NA	99	NS	NS	NS	NS
Y-2				77 **					
Y-2 (Dup.)				98 **					
Y-3	110	29	6.9	89	NA	0.06	36	18	NS
Y-3					34 **				
Y-4	2.6	3.9	NA	1.8	0.23 *	NS	NS	NS	NS
Y-4			-- **						
Y-5	--	89	NA	19	75	29	--	NS	NS
Y-5			240 **						
Y-6	22	5.9	NA	--	--	NS	NS	NS	NS
Y-6			2.0 **						
Y-7	19	0.62	NA	7.6	0.19	NS	NS	NS	NS
Y-7			1.8 **						
Y-8	18	NA	1.3	--	--	NS	NS	NS	NS
Y-8		3.9 **							
Y-9	1,900	47	NA	0.05	120	0.66	NS	NS	NS
Y-9 (Dup.)				220					
Y-9 (RE)				5.3					
Y-9			69 **						
Y-10	72 *	--	73	--	4.4	--	NS	NS	NS
Y-10 (Dup.)									
Y-10		-- **							
Y-11	14	NA	22	15	7	NS	NS	NS	NS
Y-11		13 **							
Y-12	95	NA	--	0.38	0.95	--	0.69	7.9	0.08
Y-12		43 **							
Y-13	24	NA	--	--	--	NS	NS	NS	NS
Y-13		-- **							
Y-14	87 *	270 *	NA	19*	24	260	--	NS	NS
Y-14 (Dup.)				19 **			71 *		
Y-14			--	--	--	--	NS	NS	NS
Y-15	--	100 **							
Y-16	--	0.12 *	0.07	--	NA	--	NS	NS	NS
Y-16					0.1 **				
Y-17	1.2	NA	0.31	--	5.1	0.15	0.54	--	NS
Y-17		7.3 **							
Y-18	16	NA	0.73	2	0.09	0.06	--	NS	NS
Y-18 (Dup.)	1.7								
Y-18		7.7 **							
Y-18 (Dup.)		-- **							
Y-19	120	0.36	120	6.2	--	NA	0.14	NS	NS
Y-19						42 **			
Y-20	--	--	--	--	--	--	--	NS	NS
Y-20			-- **						
Y-21	0.35	--	--	--	--	--	--	--	NS
Y-21 (Dup.)									
Y-21								-- **	
Y-22	--	--	--	--	--	NS	NS	NS	NS
Y-22	-- **								
Y-23	--	NA	--	--	--	--	--	NS	NS
Y-23 (Dup.)									
Y-23		0.62 **							
Y-24	0.22	1	6.2	--	--	--	NS	NS	NS
Y-24					2.7 **				
Y-26	--	0.37	--	--	--	NS	NS	NS	NS
Y-26 (Dup.)									
Y-26		-- **							
Y-27	--	--	--	NS	NS	NS	NS	NS	NS
Y-27			-- **						

Notes:

Samples were collected between June 5 and 24, 1991 and submitted to IT Analytical Services (ITAS) for PCB analysis.

ppm = Parts per million.

-- = Indicates not detected at or above the detection level.

RE = Indicates re-extraction of sample.

* = Sample exhibits alteration of standard Aroclor pattern.

Dup. = Indicates duplicate sample.

NA = Not analyzed by ITAS; see Table 4-7 for sample results.

NS = Not sampled.

** = Split sample result (CompuChem Laboratories, Inc.).

TABLE 4-6d

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY FOR MCP SOIL BORING PCB DATA RELATED TO SCRAP YARD AREA

(AROCIOR 1016, 1232, 1242, and/or 1248, Dry-weight ppm)

LOCATION	DEPTH (FEET)									
	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	
Y-1	--	--	--	--	NA	NS	NS	NS	NS	NS
Y-1(Dup.)		--			--**					
Y-1										
Y-2	--	--	--	NA	--	NS	NS	NS	NS	NS
Y-2					--**					
Y-2(Dup.)					--**					
Y-3	--	--	--	--	NA	--	--	--	--	NS
Y-3					--**					
Y-4	--	--	NA	--	--	NS	NS	NS	NS	NS
Y-4			--**							
Y-5	--	--	NA	--	--	--	--	NS	NS	NS
Y-5			--**							
Y-6	--	--	NA	--	--	NS	NS	NS	NS	NS
Y-6			--**							
Y-7	--	--	NA	--	--	NS	NS	NS	NS	NS
Y-7			--**							
Y-8	--	NA	--	--	--	NS	NS	NS	NS	NS
Y-8		--**								
Y-9	--	--	NA	--	--	--	NS	NS	NS	NS
Y-9			--**							
Y-9(Dup.)										
Y-9(RE)										
Y-9			--**							
Y-10	--	4.4 *	--	--	2.4	2.1	NS	NS	NS	NS
Y-10(Dup.)						15				
Y-10		--**								
Y-11	--	NA	--	--	--	NS	NS	NS	NS	NS
Y-11		--**								
Y-12	--	NA	--	--	--	--	--	--	--	--
Y-12		--**								
Y-13	--	NA	--	--	--	NS	NS	NS	NS	NS
Y-13		--**								
Y-14	--	--	NA	--	--	--	0.57	NS	NS	NS
Y-14(Dup.)			--**							
Y-14			--**							
Y-15	12	6.3	--	1.9	--	5	NS	NS	NS	NS
Y-15		--**								
Y-16	--	--	--	--	NA	--	NS	NS	NS	NS
Y-16					--**					
Y-17	--	NA	--	--	--	--	--	--	--	NS
Y-17		--**								
Y-18	--	NA	--	--	--	--	--	NS	NS	NS
Y-18		--**								
Y-18(Dup.)		--**								
Y-18		--**								
Y-19	--	--	--	--	--	NA	--	NS	NS	NS
Y-19						--**				
Y-20	--	--	--	34	--	--	8.8	NS	NS	NS
Y-20			--**							
Y-21	--	--	--	--	--	--	--	--	--	NS
Y-21(Dup.)										
Y-21								--**		
Y-22	--	--	--	--	--	NS	NS	NS	NS	NS
Y-22		--**								
Y-23	--	--**	--	--	--	--	--	NS	NS	NS
Y-23(Dup.)		--**								
Y-23		--**								
Y-24	--	--	--	--	--	--	NS	NS	NS	NS
Y-24					--**					
Y-25	--	--	--	--	--	NS	NS	NS	NS	NS
Y-25(Dup.)										
Y-26		--**								
Y-27	--	--	--	NS	NS	NS	NS	NS	NS	NS
Y-27			--**							

Notes:

Samples were collected between June 5 and 24, 1991 and submitted to IT Analytical Services (ITAS) for PCB analysis.

ppm = Parts per million.

-- = Indicates not detected at or above the detection level.

NA = Not analyzed by ITAS; see Table 4-7 for sample result.

NS = Not sampled.

* = Sample exhibits alteration of standard Aroclor pattern.

RE = Indicates re-extraction of sample.

Dup. = Indicates duplicate sample.

** = Split sample result (CompuChem Laboratories, Inc.)

TABLE 4-20a

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY FOR MCP SOIL BORING PCB DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

(TOTAL PCBs, Dry-weight ppm)

LOCATION	DEPTH (FEET)								
	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18
X-1	320	71	410	32	96	NS	NS	NS	NS
X-1(Dup.)									
X-1		740 **							
X-4	0.43	100	1,800	300	100	3,500	NS	NS	NS
X-4(Dup.)				530					
X-4			79 **						
X-5	7.5	280	320	470	1,100	6.6	8.8	NS	NS
X-5					5,480 **				
X-6	2.2	77	75	5.7	0.07	NS	NS	NS	NS
X-6(RE)				0.59					
X-6			3.1 **						
X-7	7.3	27	9.1	18	1.1	15	8.2	27	NS
X-7				9.3 **					
X-8	26	11	25	14	25	33	39	NS	NS
X-8		28 **							
X-8(Dup.)		10 **							
X-9	6.2	0.51	7.5	7.2	10	9	0.06	NS	NS
X-9(Dup.)		2							
X-10	50	170	NS	140	160	38	NS	NS	NS
X-10		42 **							
X-11	0.6	6	22	14	100	67	NS	0.90	370
X-12	470	40	5.7	0.24	1.2	NS	NS	NS	NS
X-12					7.7 **				
X-13	14	NS	0.7	NS	---	0.13	NS	NS	NS
X-13(Dup.)						0.19			
X-13	1.7 **								
X-14	9.5	1.5	0.99	0.05	---	0.45	1.7	35	NS
X-14			---	**					
X-15	17	3.4	2.5	0.25	1.2	0.05	---	1	33
X-15(Dup.)				1.2					
X-15					---	**			
X-16	0.07	0.6	---	0.09	0.12	---	0.24	NS	NS
X-16					---	**			
X-17	---	0.16	---	---	---	NS	NS	NS	NS
X-17	---	**							
X-18	0.64	---	0.06	---	0.05	NS	NS	---	NS
X-18								0.37 **	
X-19	0.41	0.46	0.22	0.13	1.1	NS	NS	NS	NS
X-20	1.6	---	---	---	---	---	0.1	NS	NS
X-20(Dup.)									
X-20						0.28 **			

Notes:

Samples were collected between June 25 and July 10, 1991 and submitted to
IT Analytical Services for PCB analysis.

ppm = Parts per million.

NS = Not sampled.

RE = Indicates re-extraction of sample.

--- = Indicates not detected at or above the detection level.

Dup. = Indicates duplicate sample.

** = Split sample result (CompuChem Laboratories, Inc.).

TABLE 4-20b

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY FOR MCP SOIL BORING PCB DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

(AROCLOL 1260, Dry-weight ppm)

LOCATION	DEPTH (FEET)								
	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18
X-1	320 *	66	410 *	18 *	70	NS	NS	NS	NS
X-1(Dup.)									
X-1		740 **							
X-4	0.43	100	1,800	190	73	3,500	NS	NS	NS
X-4(Dup.)				52					
X-4			57 **						
X-5	7.5 *	280	150	360	1,100 *	3.8 *	8.8 *	NS	NS
X-5					880 **				
X-6	2.2	64	75 *	2	0.07	NS	NS	NS	NS
X-6(RE)				0.45					
X-6			3.1 **						
X-7	7.3	27	9.1 *	18 *	1.1 *	15	8.2 *	27	NS
X-7				9.3 **					
X-8	26 *	8.1 *	25 *	14 *	25 *	33 *	39	NS	NS
X-8		28 **							
X-8(Dup.)		10 **							
X-9	3.1 *	0.43	6.4	6.3	10 *	7.7	0.06 *	NS	NS
X-9(Dup.)		1.7							
X-10	50	170 *	NS	140	160	38 *	NS	NS	NS
X-10		42 **							
X-11	0.6	0.71	22	14 *	100 *	67 *	NS	89 *	370
X-12	450 *	40 *	5.1 *	0.17	1.2	NS	NS	NS	NS
X-12					7.7 **				
X-13	9.9 *	NS	0.59 *	NS	--	0.13 *	NS	NS	NS
X-13(Dup.)						0.19 *			
X-13	1.7 **								
X-14	9.5 *	1.5 *	0.99 *	0.05 *	--	0.45 *	1.7 *	35	NS
X-14			-- **						
X-15	17 *	2.3	1.7 *	0.25 *	1.2 *	0.05	--	1 *	33
X-15(Dup.)				1.1 *					
X-15					-- **				
X-16	0.07	0.52	--	0.09	0.12	--	0.24	NS	NS
X-16					-- **				
X-17	--	0.06 *	--	--	--	NS	NS	NS	NS
X-17	-- **								
X-18	0.5	--	0.06 *	--	0.05	NS	NS	--	NS
X-18								0.37 **	
X-19	0.41	0.19	0.22	0.05 *	0.76	NS	NS	NS	NS
X-20	1.6	--	--	--	--	--	0.1 *	NS	NS
X-20(Dup.)									
X-20						0.28 **			

Notes:

Samples were collected between June 25 and July 10, 1991 and submitted to IT Analytical Services (ITAS) for PCB analysis.

ppm = Parts per million.

* = Sample exhibits alteration of standard Aroclor pattern.

NS = Not sampled.

RE = Indicates re-extraction of sample.

-- = Indicates not detected at or above the detection level.

Dup. = Indicates duplicate sample.

** = Split sample result (CompuChem Laboratories, Inc.).

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY FOR MCP SOIL BORING PCB DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

(AROCOR 1254 Dry-weight ppm)

LOCATION	DEPTH (FEET)								
	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18
X-1	--	5.4	--	12 *	26	NS	NS	NS	NS
X-1(Dup.)									
X-1		--		110	29		NS	NS	NS
X-4	--	--**	--	470					
X-4(Dup.)									
X-4			--**						
X-5	--	--	150	85		2.8 *	--	NS	NS
X-5					4,600 **				
X-6	--	13	--	3.7		NS	NS	NS	NS
X-6(RE)				0.14					
X-6			--**						
X-7	--	--	--	--					NS
X-7				--**					
X-8	--	2.7	--	--				NS	NS
X-8		--**							
X-8(Dup.)		--**							
X-9	3.1 *	0.08	1.1	0.91		1.3	--	NS	NS
X-9(Dup.)		0.25							
X-10	--	--	NS	--			NS	NS	NS
X-10		--**							
X-11	--	5.3 *	--	--			NS	NS	NS
X-12	--	--	0.58 *	0.07					
X-12					--**				
X-13	4.1 *	NS	0.11 *	NS			NS	NS	NS
X-13(Dup.)									
X-13	--**								
X-14	--	--	--	--					NS
X-14			--**						
X-15	--	1.1	0.81 *	--					
X-15(Dup.)				0.1					
X-15					--**				
X-16	--	0.08	--	--				NS	NS
X-16					--**				
X-16	--	0.1 *	--	--		NS	NS	NS	NS
X-17	--**								
X-17						NS	NS		NS
X-18	0.14	--	--	--				--**	
X-18									
X-19	--	0.27	--	0.08 *	0.31	NS	NS	NS	NS
X-20	--	--	--	--				NS	NS
X-20(Dup.)							--**		
X-20									

Notes:

Samples were collected between June 25 and July 10, 1991 and submitted to IT Analytical Services (ITAS) for PCB analysis.

ppm = Parts per million.

* = Sample exhibits alteration of standard Aroclor pattern.

NS = Not sampled.

RE = Indicates re-extraction of sample.

-- = Indicates not detected at or above the detection level.

Dup. = Indicates duplicate sample.

** = Split sample result (CompuChem Laboratories, Inc.).

TABLE 4-20d

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY FOR MCP SOIL BORING PCB DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

(AROCLOL 1018, 1232, 1242, and/or 1248, Dry-weight ppm)

LOCATION	DEPTH (FEET)								
	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18
X-1	--	--	--	2.3 *	--	NS	NS	NS	NS
X-1(Dup.)									
X-1		---	**						
X-4	--	--	--	--	2.6 *	--	NS	NS	NS
X-4(Dup.)				5.9 *					
X-4			22 **						
X-5	--	--	20 *	22 *	--	--	--	NS	NS
X-5					---	**			
X-6	--	--	--	--	--	NS	NS	NS	NS
X-6(RE)									
X-6			---	**					
X-7	--	--	--	--	--	--	--	--	NS
X-7				---	**				
X-8	--	--	--	--	--	--	--	NS	NS
X-8								---	**
X-8(Dup.)									
X-9	--	--	--	--	--	--	--	NS	NS
X-9(Dup.)									
X-10	--	--	NS	--	--	--	NS	NS	NS
X-10			---	**					
X-11	--	--	--	--	--	--	NS	0.83 ^	--
X-12	21	--	--	--	--	NS	NS	NS	NS
X-12					---	**			
X-13	---	**	NS	--	NS	--	--	NS	NS
X-13(Dup.)									
X-13	--	--	--	--	--	--	--	--	NS
X-14	--	--	---	**					
X-15	--	--	--	--	--	--	--	--	--
X-15(Dup.)									
X-15					---	**			
X-16	--	--	--	--	--	--	--	NS	NS
X-16					---	**			
X-17	---	**	--	--	--	--	NS	NS	NS
X-17	--	--	--	--	--	--	--	--	--
X-18	--	--	--	--	--	NS	NS	NS	NS
X-18								---	**
X-19	--	--	--	--	--	NS	NS	NS	NS
X-20	--	--	--	--	--	--	--	NS	NS
X-20(Dup.)									
X-20						---	**		

Notes:

Samples were collected between June 25 and July 10, 1991 and submitted to IT Analytical Services (ITAS) for PCB analysis.

ppm = Parts per million.

* = Sample exhibits alteration of standard Aroclor pattern.

NS = Not sampled.

RE = Indicates re-extraction of sample.

-- = Indicates not detected at or above the detection level.

^ = Indicates an estimated value due to matrix interferences and the presence of Aroclor 1260.

Dup. = Indicates duplicate sample.

** = Split sample result (CompuChem Laboratories, Inc.).

TABLE 4-26a

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF USEPA AREA 4 SOIL BORING PCB DATA

(TOTAL PCBs, Dry-weight ppm)

LOCATION	DEPTH (FEET)						
	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14
RF-1	290	1.3	26	NS	0.86	31	0.43
RF-2	0.29	0.29	0.08	--	--	--	--
RF-3	5.7	1.2	32	--	12	8.8	NS
RF-4	0.28	0.52	--	--	--	--	--
RF-4							
RF-4 Dup.						0.39 **	
RF-4 Dup.						0.53 **	
RF-16	15	0.92	0.93	0.77	15	1.3	--
RF-16 Dup.							0.09
RF-1 Dup.							
RF-1 Dup. (RE)							

LOCATION	DEPTH (FEET)					
	14 - 16	16 - 18	18 - 20	20 - 22	22 - 24	24 - 26
RF-1	5.6	1.2	0.16	NS	NS	NS
RF-2	--	--	NS	NS	NS	NS
RF-3	3.1	2.1	--	NS	NS	NS
RF-4	0.42	0.11	0.13	--	0.06	0.05
RF-16	6.7	--	0.19	--	NS	NS
RF-1 Dup.		0.07				
RF-1 Dup. (RE)		0.11				

(See Notes on Page 2)

TABLE 4-26b

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF USEPA AREA 4 SOIL BORING PCB DATA

(AROCOLOR 1260, Dry-weight ppm)

LOCATION	DEPTH (FEET)						
	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14
RF-1	290 *	1.3	26 *	NS	0.86 *	31 *	0.43 *
RF-2	0.19	0.13	0.08	--	--	--	--
RF-3	5.7	--	25 *	--	12 *	8.8	NS
RF-4	0.05	0.12	--	--	--	--	--
RF-4						0.14 **	
RF-4 Dup.						0.14 **	
RF-16	15	0.66	0.93 *	0.77	15	1.3	--
RF-16 Dup.							--

LOCATION	DEPTH (FEET)					
	14 - 16	16 - 18	18 - 20	20 - 22	22 - 24	24 - 26
RF-1	5.6 *	1.2 *	0.16 *	NS	NS	NS
RF-2	--	--	NS	NS	NS	NS
RF-3	3.1	2.1	--	NS	NS	NS
RF-4	0.11	--	--	--	--	--
RF-16	6.7	--	0.12	--	NS	NS
RF-1 Dup.		0.07 *				
RF-1 Dup. (RE)		0.11				

Notes:

Samples were collected from borings RF-1, RF-2, RF-3, and RF-16 between October 22 and 25, 1991.

Samples were collected from boring RF-4 on June 11, 1991.

All samples were submitted to IT Analytical Services for PCB analysis.

ppm = Parts per million.

* = Sample exhibits alteration of standard Aroclor pattern.

NS = Not sampled.

-- = Indicates not detected at or above the detection level.

Dup. = Indicates duplicate sample.

RE = Indicates re-extraction of sample.

** = Split sample result (CompuChem Laboratories, Inc.).

TABLE 4-26c

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF USEPA AREA 4 SOIL BORING PCB DATA

(AROCOLOR 1254, Dry-weight ppm)

LOCATION	DEPTH (FEET)						
	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14
RF-1	--	--	--	NS	--	--	--
RF-2	0.1	0.16	--	--	--	--	--
RF-3	--	1.2	6.8 *	--	--	--	NS
RF-4	0.23 *	0.4	--	--	--	--	--
RF-4						0.25 **	
RF-4 Dup.						0.39 **	
RF-16	--	0.26	--	--	--	--	--
RF-16 Dup.							0.09
RF-1 Dup.							

LOCATION	DEPTH (FEET)					
	14 - 16	16 - 18	18 - 20	20 - 22	22 - 24	24 - 26
RF-1	--	--	--	NS	NS	NS
RF-2	--	--	NS	NS	NS	NS
RF-3	--	--	--	NS	NS	NS
RF-4	0.31	0.11	0.13	--	0.06	0.05
RF-16	--	--	0.07	--	NS	NS
RF-16 Dup.						
RF-1 Dup.		--				
RF-1 Dup. (RE)		--				

Notes:

Samples were collected from borings RF-1, RF-2, RF-3, and RF-16 between October 22 and 25, 1991.

Samples were collected from boring RF-4 on June 11, 1991.

All samples were submitted to IT Analytical Services for PCB analysis.

ppm - Parts per million.

-- = Indicates not detected at or above the detection level.

NS = Not sampled.

* = Sample exhibits alteration of standard Aroclor pattern.

Dup. = Indicates duplicate sample.

RE = Indicates re-extraction of sample.

** = Split sample result (CompuChem Laboratories, Inc.).

10-6-91

BLASLAND AND BOUCK ENGINEERS P.C.

To: Files
From: Bruce Eulian
Re: Bldg 646 (East Side Driveway)
Soil Sampling

Date: 11-1-91
File No: 201-10-01
cc: Grant Bowman (GE)
Jackie DeSantis (GE)

The following is a summary of the sample results for the PCB sampling program conducted outside Bldg 646 on 10-29-91. A drawing showing the sample location is attached (see figure 1). A preliminary analytical report provided by OBG Laboratories has also been included.

PCB SAMPLING RESULTS METHOD 8080

LAB ID	TOTAL PCB PPM	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE DEPTH
646-ESD-C1	<1.0	1	SOIL	DISCRETE-GRAB	0'-1'
646-ESD-C2	<1.0	2	SOIL	DISCRETE-GRAB	0'-1'
646-ESD-C3	<1.0	3	SOIL	DISCRETE-GRAB	0'-1'
646-ESD-C4	<1.0	4	SOIL	DISCRETE-GRAB	0'-1'
646-ESD-C5	1.9	5	SOIL	DISCRETE-GRAB	0'-1'

see

Client Project ID: Recharge Pond Soil & Sediment Sampling/101.75.17

Job Number: GECP 49807

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
RCP-SS-C1	RR8558	0.05 U	0.21 U	1.8	1.8

Extraction Date: 11/01/91

Analysis Date: 11/06 and 11/07/91

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

General Electric Company
December 31, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: Recharge Pond Soil & Sediment Sampling/101.75.17

Job Number: GECF 49807

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
RCP-SS-C2	RR8559	0.13 U	0.40 U	18	18

Extraction Date: 11/01/91

Analysis Date: 11/06 and 11/07/91

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: Recharge Pond Soil & Sediment Sampling/101.75.17

Job Number: GECF 49807

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
RCP-SS-C3	RR8560	0.29 U	1.2 U	44	44

Extraction Date: 11/01/91

Analysis Date: 11/06 and 11/07/91

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: Recharge Pond Soil & Sediment Sampling/101.75.17

Job Number: GECP 49807

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PCP-SS-C4	RR8561	0.31 U	1.2 U	17	17

Extraction Date: 11/01/91
Analysis Date: 11/06 and 11/07/91

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

Client Project ID: Recharge Pond Soil & Sediment Sampling/101.75.17

Job Number: GECF 49807

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
RCP-SS-C5	RR8562	0.52 U	2.1 U	38	38

Extraction Date: 11/01/91

Analysis Date: 11/06 and 11/07/91

† Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U Compound was analyzed for but not detected. The number is the detection limit for the sample.

Client Project ID: Recharge Pond Soil & Sediment Sampling/101.75.17

Job Number: GECP 49807

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor- 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
RCP-SS-C6	RR8563	0.53 U	2.1 U	.44	44

Extraction Date: 11/01/91

Analysis Date: 11/06 and 11/07/91

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

Project ID: Recharge Pond Soil & Sediment Sampling/101.75.17

Job Number: GECF 49807

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
RCP-SS-C7	RR8564	0.10 U	0.42 U	10	10

Extraction Date: 11/01/91

Analysis Date: 11/06 and 11/07/91

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

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
RCP-SS-C3	RR8565	0.05 U	0.10 U	1.2 *	1.2

Extraction Date: 11/01/91

Analysis Date: 11/06 and 11/07/91

Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

Compound was analyzed for but not detected. The number is the detection limit for the sample.

Sample Exhibits alteration of standard Aroclor pattern.

TABLE 2-1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

IMMEDIATE RESPONSE ACTION PLAN
FOR THE BUILDING 68 AREA

SUMMARY OF SOILS/SEDIMENT PCB DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

Location ID:	Depth	Date Sampled	Aroclor 1242	Aroclor 1254	Aroclor 1260	Total Aroclors
Riverbank Soil						
68S-1	0-0.5 ft	03/18/96	ND(2.1)	ND(2.1)	1,700	1,700
	0.5-1 ft	03/18/96	ND(1.9)	ND(1.9)	790	790
	1-1.5 ft	03/18/96	ND(0.76)	ND(0.76)	150	150
	1.5-2 ft	03/18/96	ND(0.78)	ND(0.78)	370	370
	2-4 ft	08/07/96	ND(14.8)	160	107	267
	4-6 ft	08/07/96	ND(1.24)	7.36	4.75	12.1
	6-8 ft	08/07/96	ND(1.26)	14.2	7.63	21.8
	8-10 ft	08/07/96	ND(224)	ND(224)	4,170	4,170
68S-2	0-0.5 ft	03/18/96	ND(2.2)	ND(2.2)	2,200	2,200
	0.5-1 ft	03/18/96	ND(4.4)	ND(4.4)	3,800	3,800
	1-1.5 ft	03/18/96	ND(3.7)	ND(3.7)	5,500	5,500
	1.5-2 ft	03/18/96	ND(3.7)	ND(3.7)	4,800 P	4,800
	2-4 ft	08/07/96	ND(2,650)	ND(2,650)	36,200	36,200
	4-6 ft	08/07/96	ND(49.9)	ND(49.9)	376	376
	6-8 ft	08/07/96	ND(124)	ND(124)	2,420	2,420
	8-10 ft	08/07/96	NR	NR	NR	NR
68S-3	0-0.5 ft	03/18/96	ND(2.0)	ND(2.0)	730	730
	0.5-1 ft	03/18/96	ND(3.9)	ND(3.9)	4,300	4,300
	1-1.5 ft	03/18/96	ND(2.0)	ND(2.0)	1,800	1,800
	1.5-2 ft	03/18/96	ND(4.0)	ND(4.0)	5,900	5,900
	2-4 ft	08/07/96	ND(6,290)[ND(11,400)]	ND(6,290)[ND(11,400)]	76600[127,000]	76600[127,000]
	4-6 ft	08/07/96	ND(479)	ND(479)	4,830	4,830
	6-8 ft	08/07/96	ND(988)	ND(988)	13,600	13,600
	8-10 ft	08/07/96	ND(5.55)	ND(5.55)	42.4	42.4
68S-4	0-0.5 ft	03/18/96	ND(37)	ND(37)	5,500	5,500
	0.5-1 ft	03/18/96	ND(38)	ND(38)	13,000	13,000
	1-1.5 ft	03/18/96	ND(19)[ND(38)]	ND(19)[ND(38)]	5,500[9,600]	5,500[9,600]
	1.5-2 ft	03/18/96	ND(38)	ND(38)	37,000	37,000
	2-4 ft	08/08/96	ND(1,190)	ND(1,190)	15,300	15,300
	4-6 ft	08/08/96	ND(2,410)	ND(2,410)	32,300	32,300
	6-8 ft	08/08/96	ND(10,900)	ND(10,900)	102,000	102,000
	8-10 ft	08/08/96	ND(607)	ND(607)	7,150	7,150
3-6C-EB-1	0-0.5 ft	05/17/96	ND(4.84)	44	34	77
3-6C-EB-2	0-0.5 ft	05/17/96	ND(7.85)	77	44	121
3-6C-EB-3	0-2 ft	08/07/96	ND(18.6)	174	152	326
	2-4 ft	08/07/96	ND(5.3)	61.5	35.5	97
	4-6 ft	08/07/96	ND(19)	198	128	326
	6-8 ft	08/07/96	ND(8.22)	63.9	59.4	123
	8-10 ft	08/07/96	ND(2.35)	9.76	15.2	25
3-6C-EB-4	0-2 ft	08/08/96	ND(19.9)	27.3	80.8	108
	2-4 ft	08/08/96	ND(1,670)	ND(1,670)	20,100	20,100
	4-6 ft	08/08/96	NR	NR	NR	NR
	6-8 ft	08/08/96	ND(74.6)	120	1,300	1,420
3-6C-EB-5	0-2 ft	08/08/96	ND(12.5)	33.9	89.4	123
	2-4 ft	08/08/96	ND(620)[ND(946)]	ND(620)[ND(946)]	6,940[11,700]	6,940[11,700]
	4-6 ft	08/08/96	NR	NR	NR	NR
	6-8 ft	08/08/96	ND(235)	ND(235)	2,680	2,680

(See Notes on Page 6 of 6)

TABLE 2-1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

IMMEDIATE RESPONSE ACTION PLAN
FOR THE BUILDING 68 AREA

SUMMARY OF SOILS/SEDIMENT PCB DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

Location ID:	Depth	Date Sampled	Aroclor 1242	Aroclor 1254	Aroclor 1260	Total Aroclors
3-6C-EB-6	0-2 ft	08/08/96	ND(27.2)	63.4	473	536
	2-4 ft	08/08/96	ND(19.6)	46.3	260	306
	4-6 ft	08/08/96	ND(3.73)	6.13	ND(3.73)	6.13
	6-8 ft	08/08/96	ND(2.7)	ND(2.7)	16.8	16.8
3-6C-EB-7	0-2 ft	08/07/96	ND(5.03)	41.6	54.9	96.5
	2-4 ft	08/07/96	ND(6.26)	79.7	56.1	136
	4-6 ft	08/07/96	ND(4.76)	68	32.3	100
	6-8 ft	08/07/96	ND(2.89)	42.6	32.1	74.7
3-6C-EB-8	0-0.5 ft	09/04/96	ND(1.18)	2.56	6.69	9.25
	0.5-2 ft	09/04/96	ND(3.52)	8.59	40.9	49.5
	2-4 ft	09/04/96	ND(6.15)	47.2	37.2	84.4
	4-6 ft	09/04/96	ND(10)	103	64	167
	6-8 ft	09/04/96	ND(0.169)	0.184	0.549	0.733
3-6C-EB-9	0-0.5 ft	09/04/96	ND(0.486)	2.43	6.17	8.6
	0.5-2 ft	09/04/96	ND(3.65)	9.68	33.1	42.8
	2-4 ft	09/04/96	ND(14)	95.4	95.2	191
	4-6 ft	09/04/96	ND(1.98)	10.8	11.6	22.4
	6-8 ft	09/04/96	ND(0.708)	1.41	2.61	4.02
3-6C-EB-10	0-0.5 ft	09/04/96	ND(8.66)	23.8	122	146
	0.5-2 ft	09/04/96	ND(6.08)	14.3	56.4	70.7
	2-4 ft	09/04/96	ND(8.53)	66.6	66.9	134
	4-6 ft	09/04/96	ND(2.1)	4.74	18	22.7
	6-8 ft	09/04/96	ND(0.456)[ND(6.5)]	3.12[60.5]	5.44[55.1]	8.56[116]
3-6C-EB-11	0-0.5 ft	09/04/96	ND(5.86)	22.2	55.6	77.8
	0.5-2 ft	09/04/96	ND(11.6)	47.3	157	204
	2-4 ft	09/04/96	ND(19.4)	97	237	334
	4-6 ft	09/04/96	NR	NR	NR	NR
	6-8 ft	09/04/96	ND(6.42)	23.4	50.8	74.2
	8-10 ft	09/04/96	ND(7.26)	21.5	53.6	75.1
3-6C-EB-12	0-0.5 ft	09/04/96	ND(3.42)	10.2	35	45.2
	0.5-2 ft	09/04/96	ND(4.48)	18.5	63.1	81.6
	2-4 ft	09/04/96	ND(8.83)	76.4	91.8	168
	4-6 ft	09/04/96	ND(13.3)	161	126	287
	6-8 ft	09/04/96	ND(6.71)	56.4	55.6	112
3-6C-EB-13	0.7-1.9 ft**	09/05/96	ND(22.2)	339	90.7	430
	1.9-3.8 ft**	09/05/96	ND(37)	753	ND(37)	753
	3.8-5.6 ft**	09/05/96	ND(3.88)	21.9	17.9	39.8
	5.6-7.5 ft**	09/05/96	ND(5.36)[ND(1.83)]	73.6[24.9]	35.7[15.3]	109[40.2]
	7.5-9.4 ft**	09/05/96	ND(0.644)	4.4	1.62	6.02
	9.4-11.3 ft**	09/05/96	ND(0.128)	0.18	0.382	0.562
	11.3-13.2 ft**	09/05/96	ND(66.6)	ND(66.6)	1,130	1,130
	13.2-15.0 ft**	09/05/96	ND(40.7)	ND(40.7)	120	120
	15.0-16.9 ft**	09/05/96	ND(0.396)	2.04	3.5	5.54
	16.9-18.8 ft**	09/05/96	ND(251)	ND(251)	3,820	3,820
	18.8-20.7 ft**	09/05/96	ND(651)	ND(651)	8,480	8,480
	20.7-22.6 ft**	09/05/96	ND(1,120)	ND(1,120)	19,500	19,500
	22.6-24.4 ft**	09/05/96	ND(243)	ND(243)	3,510	3,510
	24.4-26.3 ft**	09/05/96	ND(12.4)	ND(12.4)	259	259
26.3-28.2 ft**	09/05/96	ND(11.9)	ND(11.9)	183	183	
28.2-30.1 ft**	09/05/96	ND(3.56)	ND(3.56)	66.8	66.8	
30.1-32.0 ft**	09/05/96	ND(1.76)	ND(1.76)	30.4	30.4	

(See Notes on Page 5 of 6)

TABLE 2-1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

IMMEDIATE RESPONSE ACTION PLAN
FOR THE BUILDING 68 AREA

SUMMARY OF SOILS/SEDIMENT PCB DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

Location ID:	Depth	Date Sampled	Aroclor 1242	Aroclor 1254	Aroclor 1260	Total Aroclors
3-6C-EB-13 (cont'd)	32.0-33.8 ft**	09/05/96	ND(6.91)(1.19)	ND(6.91)(1.19)	107(25.6)	107(25.6)
	33.8-35.7 ft**	09/05/96	ND(0.587)	ND(0.587)	7.53	7.53
River Sediment						
3-6C-1	0-0.5 in	05/14/96	0.386*	0.456	1.15	1.99
	0.5-6 in	05/14/96	ND(0.816)	1.64	11	12.6
3-6C-2	0-0.5 in	05/17/96	ND(537)	1,040	7,750	8,790
	0.5-6 in	05/17/96	ND(224)	411	2,950	3,360
	6-12 in	08/09/96	ND(270)	ND(270)	3,720	3,720
	12-18 in	08/09/96	ND(2.6)	ND(2.6)	27.2	27.2
	18-24 in	08/09/96	ND(2.01)	ND(2.01)	22.7	22.7
	24-30 in	08/09/96	ND(31.6)	ND(31.6)	473	473
	30-38.4 in	08/09/96	ND(235)	ND(235)	2,620	2,620
3-6C-3	0-0.5 in	05/17/96	ND(639)	1,600	8,710	10,300
	0.5-6 in	05/17/96	ND(1,100)	1,930	13,700	15,600
	6-12 in	08/09/96	ND(122)[ND(245)]	ND(122)[ND(245)]	2,430[2,160]	2,430[2,160]
	12-18 in	08/09/96	ND(40.4)[ND(205)]	ND(40.4)[409]	576[2,850]	576[3,260]
	18-24 in	08/09/96	ND(104)	ND(104)	2,010	2,010
	24-30 in	08/09/96	ND(63.8)	ND(63.8)	1,030	1,030
	30-36 in	08/09/96	ND(304)	ND(304)	4,340	4,340
3-6C-4	0-0.5 in	05/17/96	ND(222)	330	3,180	3,510
	0.5-6 in	05/17/96	ND(214)	275	2,540	2,820
	6-12 in	08/09/96	2.61*	4.1	9.04	15.8
	12-18 in	08/09/96	ND(0.654)	1.47	4.54	6.01
	18-24 in	08/09/96	ND(0.804)	1.36	5.31	6.67
	24-30 in	08/09/96	ND(255)	506	3,700	4,210
3-6C-5	0-6 in	08/09/96	ND(1.31)	ND(1.31)	ND(1.31)	ND(1.31)
	6-12 in	08/09/96	ND(1.31)	ND(1.31)	ND(1.31)	ND(1.31)
	12-18 in	08/09/96	ND(1.42)	2.02	ND(1.42)	2.02
	18-24 in	08/09/96	ND(1.34)	ND(1.34)	ND(1.34)	ND(1.34)
	24-30 in	08/09/96	ND(0.126)	ND(0.126)	0.476 B	0.476
	30-36 in	08/09/96	ND(0.133)	ND(0.133)	ND(0.133)	ND(0.133)
	36-42 in	08/09/96	ND(0.132)	ND(0.132)	0.256 B	0.256
	42-48 in	08/09/96	ND(0.129)	ND(0.129)	ND(0.129)	ND(0.129)
	48-54 in	08/09/96	ND(0.128)	ND(0.128)	0.212 B	0.212
3-6C-6	0-6 in	08/09/96	ND(0.189)[ND(1.34)]	0.382[ND(1.34)]	2.19[ND(1.34)]	2.57[ND(1.34)]
	6-12 in	08/09/96	ND(0.549)	1.34	8.42	9.76
	12-18 in	08/09/96	ND(4.7)	ND(4.7)	75.5	75.5
	18-24 in	08/09/96	ND(177)	ND(177)	2,320	2,320
	24-30 in	08/09/96	ND(13.1)	ND(13.1)	147	147
	30-36 in	08/09/96	ND(2.61)	ND(2.61)	58.2	58.2
3-6C-7	0-6 in	08/09/96	ND(6.52)	ND(6.52)	101	101
	6-12 in	08/09/96	ND(260)	ND(260)	3,690	3,690
	12-18 in	08/09/96	ND(258)	ND(258)	2,880	2,880
	18-24 in	08/09/96	ND(542)	ND(542)	6,950	6,950
	24-30 in	08/09/96	ND(126)	ND(126)	1,570	1,570
	30-36 in	08/09/96	ND(50.3)	ND(50.3)	544	544
	36-42 in	08/09/96	ND(5,040)	ND(5,040)	54,000	54,000

(See Notes on Page 6 of 6)

TABLE 2-1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

IMMEDIATE RESPONSE ACTION PLAN
FOR THE BUILDING 68 AREA

SUMMARY OF SOILS/SEDIMENT PCB DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

Location ID:	Depth	Date Sampled	Aroclor 1242	Aroclor 1254	Aroclor 1260	Total Aroclors
3-6C-7 (Cont'd)	42-45.6 in	08/09/96	ND(56.4)	ND(56.4)	839	839
3-6C-8	0-6 in	08/09/96	ND(5.71)	32	39	71
	6-12 in	08/09/96	ND(16)	44.4	151	195
	12-18 in	08/09/96	ND(17)	ND(17)	190	190
	18-24 in	08/09/96	ND(238)	ND(238)	3,910	3,910
	24-30 in	08/09/96	ND(240)	ND(240)	1,950	1,950
	30-36 in	08/09/96	ND(12.2)	ND(12.2)	105	105
3-6C-9	36-44.4 in	08/09/96	ND(1.24)	ND(1.24)	16.7	16.7
	0-6 in	08/09/96	ND(51.1)	138	514	652
	6-12 in	08/09/96	ND(41)	91.4	463	554
	12-18 in	08/09/96	1.77*	5.1	5.82	12.7
	18-24 in	08/09/96	2.01*	0.773	1.57	4.35
3-6C-10	24-30 in	08/09/96	ND(30.8)	40.6	395	436
	30-34.8 in	08/09/96	1.9*	1.93	1.2	5.03
	0-6 in	08/09/96	ND(364)	672	4,670	5,430
	6-12 in	08/09/96	ND(587)	ND(587)	6,590	6,590
	12-18 in	08/09/96	ND(321)	ND(321)	2,300	2,300
3-6C-11	18-24 in	08/09/96	ND(141)	ND(141)	1,640	1,640
	24-27.6 in	08/09/96	ND(1.2)	1.67	8.78	10.4
	0-6 in	08/09/96	ND(5.52)	89.4	44.4	134
	6-12 in	08/09/96	ND(5.46)	88	11.2	99.2
	12-18 in	08/09/96	ND(0.124)[ND(1.9)]	0.48[ND(1.9)]	0.939[ND(1.9)]	1.42[ND(1.9)]
3-6C-12	18-24 in	08/09/96	ND(1.23)	ND(1.23)	5.59	5.59
	24-27.6 in	08/09/96	ND(18.9)	40.1	245	285
	0-6 in	08/09/96	ND(0.196)	ND(0.196)	0.666 B	0.666
	6-12 in	08/09/96	6.94*	94	31.9 B	133
	12-18 in	08/09/96	53.5*	543	93.2 B	690
	18-24 in	08/09/96	9.03*	91.3	18.8 B	119
	24-30 in	08/09/96	0.273*	2.24	1.98 B	4.49
	30-36 in	08/09/96	ND(0.125)	ND(0.125)	ND(0.125)	ND(0.125)
	36-42 in	08/09/96	ND(0.123)	ND(0.123)	ND(0.123)	ND(0.123)
	42-48 in	08/09/96	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)
3-6C-13	48-54 in	08/09/96	ND(0.124)	ND(0.124)	ND(0.124)	ND(0.124)
	54-62.4 in	08/09/96	ND(0.128)	ND(0.128)	0.25 B	0.25
	0-6 in	08/29/96	ND(0.114)	ND(0.114)	0.271	0.271
	6-12 in	08/29/96	ND(0.119)	ND(0.119)	0.12	0.12
	12-18 in	08/29/96	ND(0.12)	0.329	0.94	1.27
	18-24 in	08/29/96	ND(0.128)	ND(0.128)	ND(0.128)	ND(0.128)
	24-30 in	08/29/96	ND(0.129)	ND(0.129)	ND(0.129)	ND(0.129)
	30-36 in	08/29/96	ND(0.115)	ND(0.115)	ND(0.115)	ND(0.115)
	36-42 in	08/29/96	ND(0.124)	ND(0.124)	ND(0.124)	ND(0.124)
	42-48 in	08/29/96	ND(0.126)	ND(0.126)	ND(0.126)	ND(0.126)
3-6C-15	48-54 in	08/29/96	ND(0.126)	ND(0.126)	ND(0.126)	ND(0.126)
	54-58 in	08/29/96	ND(0.123)	ND(0.123)	ND(0.123)	ND(0.123)
	0-6 in	08/29/96	ND(1.3)	3.13	24.7	27.8
	6-12 in	08/29/96	103*	152	35.5	290
	12-18 in	08/29/96	ND(16.3)[ND(15.7)]	173[143]	49.4[37.8]	222[181]
	18-24 in	08/29/96	ND(2.67)	26.7	20.4	47.1
	24-30 in	08/29/96	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)
30-36 in	08/29/96	ND(0.132)	ND(0.132)	ND(0.132)	ND(0.132)	
36-39 in	08/29/96	ND(0.132)	ND(0.132)	ND(0.132)	ND(0.132)	

(See Notes on Page 6 of 6)

TABLE 2-1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

IMMEDIATE RESPONSE ACTION PLAN
FOR THE BUILDING 68 AREA

SUMMARY OF SOILS/SEDIMENT PCB DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

Location ID:	Depth	Date Sampled	Aroclor 1242	Aroclor 1254	Aroclor 1260	Total Aroclors
3-6C-17	0-6 in	08/29/96	ND(0.126)	ND(0.126)	ND(0.126)	ND(0.126)
	6-12 in	08/29/96	ND(0.667)	9.66	2.88	12.5
	12-18 in	08/29/96	ND(5.82)	53.5	22.1	75.6
	18-25 in	08/29/96	ND(1.92)	20.4	10.5	30.9
3-6C-18	0-6 in	08/30/96	ND(1.31)	13.4	13.6 B	27
	6-12 in	08/30/96	ND(1.49)	15.2	16.2 B	31.4
	12-18 in	08/30/96	ND(4.39)	69.1	25.5 B	94.6
	18-24 in	08/30/96	ND(0.664)	0.919	ND(0.664)	0.919
3-6C-19	0-6 in	08/29/96	ND(1.190)	2.830	17.400	20.200
	6-12 in	08/29/96	ND(26.2)	198	237	435
	12-18 in	08/29/96	ND(15.7)	113	56	169
	18-24 in	08/29/96	ND(12.6)	28.6	88.7	117
	24-30 in	08/29/96	ND(1.24)	2.25	11.5	13.8
3-6C-20	0-6 in	08/30/96	ND(6.97)	108	32.4 B	140
	6-12 in	08/30/96	21.3*	150	38.4 B	210
	12-19 in	08/30/96	ND(0.51)	0.736	ND(0.51)	0.736
3-6C-21	0-6 in	08/29/96	ND(26.5)	73.5	450	524
	6-12 in	08/29/96	ND(19.2)[ND(15.9)]	133[157]	38.4[49.6]	171[207]
	12-18 in	08/29/96	ND(5.66)	32.5	15.1	47.6
	18-22 in	08/29/96	ND(0.257)	0.849	1.61	2.46
3-6C-22	0-6 in	08/30/96	ND(1.26)	2.35	14.1 B	16.4
	6-12 in	08/30/96	2.97*	7.39	1.98 B	12.3
3-6C-23	0-6 in	08/29/96	ND(0.637)	1.03	7.22	8.25
3-6C-24	0-6 in	08/29/96	ND(996)	ND(996)	14,300	14,300
3-6C-25	0-5 in	09/03/96	ND(54.6)	127	874 B	1000
3-6C-26	0-6 in	09/03/96	ND(7.27)	ND(7.27)	100 B	100
3-6C-27	0-5 in	09/03/96	ND(1.24)	ND(1.24)	20.1	20.1
3-6C-28	0-6 in	09/03/96	ND(538)	1,170	9,300 B	10,500
3-6C-29	0-6 in	08/29/96	ND(36.2)	493	149	642
	6-12 in	08/29/96	ND(0.194)	0.975	0.406	1.38
	12-14 in	08/29/96	0.946*	2.2	3.04	6.19
3-6C-30	0-6 in	09/03/96	ND(2.21)	4.44	46.1 B	50.5
	6-8 in	09/03/96	3.65*	4.15	4.78*	12.6
3-6C-31	0-4 in	09/03/96	ND(212)	ND(212)	2,840 B	2,840
3-6C-32	0-6 in	09/04/96	ND(1.23)	8.28	12.8	21.1
3-6C-33	0-7.2 in	09/26/96	ND(1.62)	6.79	23.5	30.3
3-6C-35	0-8.4 in	09/26/96	ND(1.23)	ND(1.23)	4.54	4.54
3-6C-36	0-6 in	09/26/96	ND(350)	ND(350)	7,230	7,230
	6-12 in	09/26/96	ND(771)	ND(771)	15,300	15,300
3-6C-37	0-8.4 in	09/26/96	ND(124)	ND(124)	2,110	2,110
3-6C-38	0-8.4 in	09/26/96	ND(2.67)	ND(2.67)	ND(2.67)	ND(2.67)
3-6C-39	0-6 in	09/26/96	ND(2.84)	5.32	23	28.3
	6-13.2 in	09/26/96	ND(18.6)	57.7	358	416
3-6C-40	0-6 in	09/26/96	ND(3.01)	24.7	23.8	48.5
	6-13.2 in	09/26/96	ND(3.01)	24.4	13.7	38.1
3-6C-41	0-6 in	09/26/96	ND(0.133)	ND(0.133)	1.35	1.35
	6-13.2 in	09/26/96	ND(398)	ND(398)	7,720	7,720

(See Notes on Page 5 of 6)

TABLE 2-1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

IMMEDIATE RESPONSE ACTION PLAN
FOR THE BUILDING 68 AREA

SUMMARY OF SOILS/SEDIMENT PCB DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

Location ID:	Depth	Date Sampled	Aroclor 1242	Aroclor 1254	Aroclor 1260	Total Aroclors
3-6C-42	0-6 in	09/28/96	ND(12.5)	17.8	129	147
	6-12 in	09/28/96	ND(12)	70.4	75.8	146
	12-18 in	09/28/96	1.56*	7.08	2.31	11
3-6C-43	0-6 in	09/28/96	ND(6.7)	25.6	36.1	61.7
	6-12 in	09/28/96	ND(10)	59.9	48.1	108
	12-16.8 in	09/28/96	ND(2.84)	26.8	12.1	38.9
3-6C-44	0-6 in	09/28/96	ND(0.128)	0.236	1.47	1.71

NOTES:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to Northeast Analytical, Inc., or CompuChem Environmental Corporation for PCB analysis. Only those Aroclors detected in at least one sample are presented.
2. ND(0.32) - Compound was analyzed for, but not detected. The number in parenthesis is the detection limit.
3. NR - No sample recovery.
4. NA - Not analyzed.
5. [] - Field duplicate analysis.
6. * - Aroclor 1242 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1242 is not present in the sample, but is reported to more accurately quantify PCB present in the sample that has undergone environmental alteration.
7. P - Indicates that the percent difference between the results from the two analytical columns is greater than 25%.
8. B - Indicates an estimated value. The analyte was detected in the associated blank at a level exceeding the Practical Quantitation Limit (PQL).
9. Held - Sample archived for potential future PCB analysis.
10. TBA - Data not yet available.
11. ** - Represents depth penetrated beneath floor of building 68, adjusted for 20 degree angle for boring installation.

May 1998

TABLE 3
SUMMARY OF PCB DETECTIONS IN SUBSURFACE SOIL
EAST STREET AREA 3 / USEPA AREA 4
Total PCBs

Matrix: Subsurface Soil

Depth	95-01	95-01D	95-02	95-03	95-03D	95-04	95-04D	95-05	95-05D	95-06	95-07	95-08	95-08D	95-09	95-10	95-11	95-12
Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
0'-5'			3.5														
0'-2'	12 P			5.9		3.8				6.4 P	3100 E	0.65		0.31	0.77	38	
1'-2'																	
2'-4'	2.7 EP		0.61	230		390		29 J		1.8	ND	5.2		ND	0.029 J	520	
4'-6'	0.75 P		0.14	0.08				140 J		0.041 P	13 P	ND		0.03 J	0.17	0.69	
6'-8'	1.2		ND	0.087							ND	0.032 JP		0.013 JP	0.032 J	0.11	
8'-10'	1.8 P		0.032 J	0.337 J	0.33 J	150		7.5 J		1.4	1.1	0.046 J		0.018 J	0.058	0.038 J	
10'-12'	0.88 P	ND	0.012 J			4.8 J	370 J	88 J	40 J	34 P		ND		0.069	ND	0.084	
12'-14'	ND			0.27 J				66 J		43 P	ND	ND		ND	ND	0.38	
14'-16'										44 P	ND	ND		0.089	12	0.037	
16'-18'								3.3 J			9.7 P	29	33	0.045 JP		0.057	
18'-20'											2100			630 P		31	
20'-22'																470	
22'-24'																42	
24'-26'																31	8
26'-28'																	
28'-30'																	
30'-32'																	
32'-34'																	
40'-42'																	

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

May 1996

063-63

TABLE 8
SUMMARY OF PCB DETECTIONS IN SUBSURFACE SOIL
EAST STREET AREA 2 / USEPA AREA 4
Total PCBs

Matrix: Subsurface Soil

Depth	95-12	95-12D	95-13	95-14	95-15	95-16	95-17	95-18	95-19	95-20	95-20D	95-23	95-23D	95-25	95-25	95-27	95-27D	95-28
	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
0'-5'														1.4				
0'-2'	2.3		29 P	38	2.3	27	2.7 J	1.8				3			330 P	39 P		20
1'-2'									4.8	5.7								
2'-4'			1.8	0.77 P	1.8	0.15	0.27 J	0.059	1.9	4.1		0.058		ND	11 P	50 P		0.11
4'-6'	2		0.11	2.2	1.4	0.17	0.03 J	0.031 J	0.66 J	8.4		0.042		0.015 JP	5.4			0.028 J
6'-8'	0.92 P		0.032 JP	1.7 P	4.5 J	0.019 J	0.0049 J	ND	0.22	6.5		0.034 J		0.042 J	0.88	1.2	3.7 P	0.1
8'-10'	1.4		0.38	5.3	120	0.012 J	0.062 J	ND	0.98 J	ND		0.014 J	0.01 J	0.026 JP	1.4 P	0.027 J		0.053 J
10'-12'	0.59		ND	0.03 J	33 J	0.081	0.012 J	0.084	0.21	0.42		0.075			0.44 J	0.57 P		0.015 J
12'-14'	0.073		0.23	0.30		ND	0.024 J		0.15 J	0.19		ND				0.81		
14'-16'	0.019 JP		0.16	ND		0.0088 J	ND		0.072 J	0.0061 J	0.01 J					0.3		
16'-18'	ND						0.013 JP		0.13 J									
18'-20'	0.035 P	0.019 JP	0.62			ND	ND											
20'-22'	0.49		0.22				1.2								0.12 JP			
22'-24'	2		0.2				ND											
24'-26'	ND		0.55															
26'-28'	1.3		26															
28'-30'	7.5																	
30'-32'																		0.035 J
32'-34'			1000															
40'-42'	46																	

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

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CERTIFICATE OF ANALYSIS
March 27, 1997

GENERAL ELECTRIC COMPANY

100 WOODLAWN AVENUE
PITTSFIELD, MA 01201

CUSTOMER ID: 68-EAST-1 (0-6") NEA ID: 9700749
SAMPLE MATRIX: SOIL/SEDIMENT DATE SAMPLED: 03/05/97 TIME: 12:35
DATE RECEIVED: 03/06/97 TIME: 12:05 PROJECT NO: 201.43.006
SAMPLER ID: J. HASSETT, III LOCATION: BLDG 68 SOIL SAMPLING
CUSTOMER PO #: N/A LAB ELAP #: 11078

SW-846 Method 8081, Polychlorinated Biphenyls

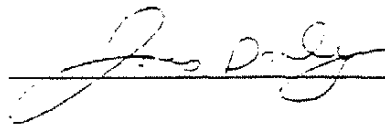
<u>PARAMETER</u>	<u>RESULTS</u>	<u>PQL</u>	<u>UNITS</u>
Aroclor 1016	ND	33.5	µg/g
Aroclor 1221	ND	33.5	µg/g
Aroclor 1232	ND	33.5	µg/g
Aroclor 1242	ND	33.5	µg/g
Aroclor 1248	ND	33.5	µg/g
Aroclor 1254	251	33.5	µg/g
Aroclor 1260	167	33.5	µg/g
Total PCB Results > REPORTING LIMIT	418		

Date Analysis Completed

20-MAR-97

Note: ND (not detected) denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit) denotes lowest analyte concentration reportable for the sample.

Authorized Signature:



Northeast Analytical, Inc.
Robert E. Wagner, Laboratory Director

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CERTIFICATE OF ANALYSIS
March 27, 1997

GENERAL ELECTRIC COMPANY

100 WOODLAWN AVENUE
PITTSFIELD, MA 01201

CUSTOMER ID: 68-EAST-1 (6-12") NEA ID: 9700750
SAMPLE MATRIX: SOIL/SEDIMENT DATE SAMPLED: 03/05/97 TIME: 12:40
DATE RECEIVED: 03/06/97 TIME: 12:05 PROJECT NO: 201.43.006
SAMPLER ID: J. HASSETT, III LOCATION: BLDG 68 SOIL SAMPLING
CUSTOMER PO #: N/A LAB ELAP #: 11078

SW-846 Method 8081. Polychlorinated Biphenyls

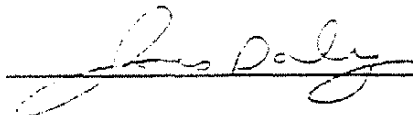
<u>PARAMETER</u>	<u>RESULTS</u>	<u>PQL</u>	<u>UNITS</u>
Aroclor 1016	ND	80.8	µg/g
Aroclor 1221	ND	80.8	µg/g
Aroclor 1232	ND	80.8	µg/g
Aroclor 1242	249	80.8	µg/g
Aroclor 1248	ND	80.8	µg/g
Aroclor 1254	802	80.8	µg/g
Aroclor 1260	810	80.8	µg/g
Total PCB Results > REPORTING LIMIT	1860		

Date Analysis Completed

21-MAR-97

Note: ND (not detected) denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit) denotes lowest analyte concentration reportable for the sample.

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PITTSFIELD, MA 01201

CUSTOMER ID: 68-EAST-1 (12-18") NEA ID: 9700751
SAMPLE MATRIX: SOIL/SEDIMENT DATE SAMPLED: 03/05/97 TIME: 12:50
DATE RECEIVED: 03/06/97 TIME: 12:05 PROJECT NO: 201.43.006
SAMPLER ID: J. HASSETT, III LOCATION: BLDG 68 SOIL SAMPLING
CUSTOMER PO #: N/A LAB ELAP #: 11078

SW-846 Method 8081. Polychlorinated Biphenyls

<u>PARAMETER</u>	<u>RESULTS</u>	<u>PQL</u>	<u>UNITS</u>
Aroclor 1016	ND	776	µg/g
Aroclor 1221	ND	776	µg/g
Aroclor 1232	ND	776	µg/g
Aroclor 1242	ND	776	µg/g
Aroclor 1248	ND	776	µg/g
Aroclor 1254	ND	776	µg/g
Aroclor 1260	5700	776	µg/g
Total PCB Results > REPORTING LIMIT	5700		

Date Analysis Completed

21-MAR-97

Note: ND (not detected) denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit) denotes lowest analyte concentration reportable for the sample.

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PITTSFIELD, MA 01201

CUSTOMER ID: 68-EAST-1 (18-24") NEA ID: 9700752
SAMPLE MATRIX: SOIL/SEDIMENT DATE SAMPLED: 03/05/97 TIME: 13:00
DATE RECEIVED: 03/06/97 TIME: 12:05 PROJECT NO: 201.43.006
SAMPLER ID: J. HASSETT, III LOCATION: BLDG 68 SOIL SAMPLING
CUSTOMER PO #: N/A LAB ELAP #: 11078

SW-846 Method 8081. Polychlorinated Biphenyls

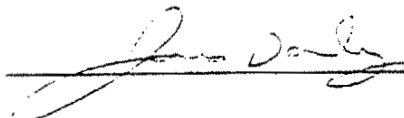
<u>PARAMETER</u>	<u>RESULTS</u>	<u>PQL</u>	<u>UNITS</u>
Aroclor 1016	ND	386	µg/g
Aroclor 1221	ND	386	µg/g
Aroclor 1232	ND	386	µg/g
Aroclor 1242	ND	386	µg/g
Aroclor 1248	ND	386	µg/g
Aroclor 1254	4920	386	µg/g
Aroclor 1260	628	386	µg/g
Total PCB Results > REPORTING LIMIT	5550		

Date Analysis Completed

21-MAR-97

Note: ND (not detected) denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit) denotes lowest analyte concentration reportable for the sample.

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March 27, 1997

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CUSTOMER ID: 68-EAST-2 (0-6") NEA ID: 9700753
SAMPLE MATRIX: SOIL/SEDIMENT DATE SAMPLED: 03/05/97 TIME: 13:25
DATE RECEIVED: 03/06/97 TIME: 12:05 PROJECT NO: 201.43.006
SAMPLER ID: J. HASSETT, III LOCATION: BLDG 68 SOIL SAMPLING
CUSTOMER PO #: N/A LAB ELAP #: 11078

SW-846 Method 8081. Polychlorinated Biphenyls

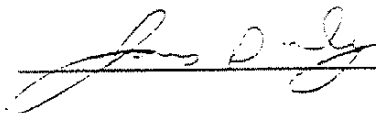
<u>PARAMETER</u>	<u>RESULTS</u>	<u>PQL</u>	<u>UNITS</u>
Aroclor 1016	ND	55.9	µg/g
Aroclor 1221	ND	55.9	µg/g
Aroclor 1232	ND	55.9	µg/g
Aroclor 1242	ND	55.9	µg/g
Aroclor 1248	ND	55.9	µg/g
Aroclor 1254	337	55.9	µg/g
Aroclor 1260	314	55.9	µg/g
Total PCB Results > REPORTING LIMIT	651		

Date Analysis Completed

21-MAR-97

Note: ND (not detected) denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit) denotes lowest analyte concentration reportable for the sample.

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CUSTOMER ID: 68-EAST-2 (6-12") NEA ID: 9700754
SAMPLE MATRIX: SOIL/SEDIMENT DATE SAMPLED: 03/05/97 TIME: 13:35
DATE RECEIVED: 03/06/97 TIME: 12:05 PROJECT NO: 201.43.006
SAMPLER ID: J. HASSETT, III LOCATION: BLDG 68 SOIL SAMPLING
CUSTOMER PO #: N/A LAB ELAP #: 11078

SW-846 Method 8081. Polychlorinated Biphenyls

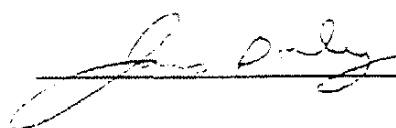
<u>PARAMETER</u>	<u>RESULTS</u>	<u>PQL</u>	<u>UNITS</u>
Aroclor 1016	ND	1180	µg/g
Aroclor 1221	ND	1180	µg/g
Aroclor 1232	ND	1180	µg/g
Aroclor 1242	ND	1180	µg/g
Aroclor 1248	ND	1180	µg/g
Aroclor 1254	ND	1180	µg/g
Aroclor 1260	10000	1180	µg/g
Total PCB Results > REPORTING LIMIT	10000		

Date Analysis Completed

21-MAR-97

Note: ND (not detected) denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit) denotes lowest analyte concentration reportable for the sample.

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CUSTOMER ID: 68-EAST-2 (12-18") NEA ID: 9700755
SAMPLE MATRIX: SOIL/SEDIMENT DATE SAMPLED: 03/05/97 TIME: 14:00
DATE RECEIVED: 03/06/97 TIME: 12:05 PROJECT NO: 201.43.006
SAMPLER ID: J. HASSETT, III LOCATION: BLDG 68 SOIL SAMPLING
CUSTOMER PO #: N/A LAB ELAP #: 11078

SW-846 Method 8081. Polychlorinated Biphenyls

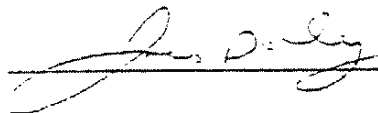
<u>PARAMETER</u>	<u>RESULTS</u>	<u>PQL</u>	<u>UNITS</u>
Aroclor 1016	ND	44.7	µg/g
Aroclor 1221	ND	44.7	µg/g
Aroclor 1232	ND	44.7	µg/g
Aroclor 1242	ND	44.7	µg/g
Aroclor 1248	ND	44.7	µg/g
Aroclor 1254	252	44.7	µg/g
Aroclor 1260	144	44.7	µg/g
Total PCB Results > REPORTING LIMIT	396		

Date Analysis Completed

21-MAR-97

Note: ND (not detected) denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit) denotes lowest analyte concentration reportable for the sample.

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March 27, 1997

GENERAL ELECTRIC COMPANY

100 WOODLAWN AVENUE
PITTSFIELD, MA 01201

CUSTOMER ID: 68-EAST-3 (0-6") NEA ID: 9700756
SAMPLE MATRIX: SOIL SEDIMENT DATE SAMPLED: 03/05/97 TIME: 14:20
DATE RECEIVED: 03/06 97 TIME: 12:05 PROJECT NO: 201.43.006
SAMPLER ID: J. HASSETT, III LOCATION: BLDG 68 SOIL SAMPLING
CUSTOMER PO #: N/A LAB ELAP #: 11078

SW-846 Method 8081. Polychlorinated Biphenyls

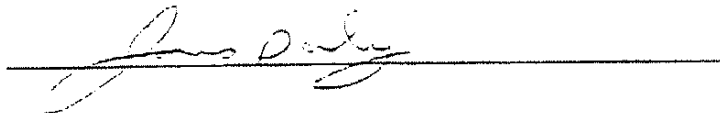
<u>PARAMETER</u>	<u>RESULTS</u>	<u>PQL</u>	<u>UNITS</u>
Aroclor 1016	ND	11.2	µg/g
Aroclor 1221	ND	11.2	µg/g
Aroclor 1232	ND	11.2	µg/g
Aroclor 1242	ND	11.2	µg/g
Aroclor 1248	ND	11.2	µg/g
Aroclor 1254	57.3	11.2	µg/g
Aroclor 1260	63.4	11.2	µg/g
Total PCB Results > REPORTING LIMIT	121		

Date Analysis Completed

21-MAR-97

Note: ND (not detected) denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit) denotes lowest analyte concentration reportable for the sample.

Authorized Signature:



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Robert E. Wagner, Laboratory Director

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March 27, 1997

GENERAL ELECTRIC COMPANY

100 WOODLAWN AVENUE
PITTSFIELD, MA 01201

CUSTOMER ID: 68-EAST-3 (6-12") NEA ID: 9700757
SAMPLE MATRIX: SOIL/SEDIMENT DATE SAMPLED: 03/05/97 TIME: 14:25
DATE RECEIVED: 03/06/97 TIME: 12:05 PROJECT NO: 201.43.006
SAMPLER ID: J. HASSETT, III LOCATION: BLDG 68 SOIL SAMPLING
CUSTOMER PO #: N/A LAB ELAP #: 11078

SW-846 Method 8081, Polychlorinated Biphenyls

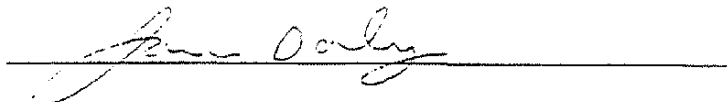
<u>PARAMETER</u>	<u>RESULTS</u>	<u>PQL</u>	<u>UNITS</u>
Aroclor 1016	ND	56.3	µg/g
Aroclor 1221	ND	56.3	µg/g
Aroclor 1232	ND	56.3	µg/g
Aroclor 1242	ND	56.3	µg/g
Aroclor 1248	ND	56.3	µg/g
Aroclor 1254	338	56.3	µg/g
Aroclor 1260	266	56.3	µg/g
Total PCB Results > REPORTING LIMIT	604		

Date Analysis Completed

21-MAR-97

Note: ND (not detected) denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit) denotes lowest analyte concentration reportable for the sample.

Authorized Signature:



Northeast Analytical, Inc.
Robert E. Wagner, Laboratory Director

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CERTIFICATE OF ANALYSIS
March 27, 1997

GENERAL ELECTRIC COMPANY

100 WOODLAWN AVENUE
PITTSFIELD, MA 01201

CUSTOMER ID: 68-EAST-3 (12-18") NEA ID: 9700758
SAMPLE MATRIX: SOIL/SEDIMENT DATE SAMPLED: 03/05/97 TIME: 14:30
DATE RECEIVED: 03/06/97 TIME: 12:05 PROJECT NO: 201.43.006
SAMPLER ID: J. HASSETT, III LOCATION: BLDG 68 SOIL SAMPLING
CUSTOMER PO #: N/A LAB ELAP #: 11078

SW-846 Method 8081, Polychlorinated Biphenyls

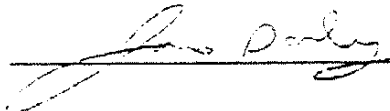
<u>PARAMETER</u>	<u>RESULTS</u>	<u>PQL</u>	<u>UNITS</u>
Aroclor 1016	ND	58.0	µg/g
Aroclor 1221	ND	58.0	µg/g
Aroclor 1232	ND	58.0	µg/g
Aroclor 1242	ND	58.0	µg/g
Aroclor 1248	ND	58.0	µg/g
Aroclor 1254	190	58.0	µg/g
Aroclor 1260	362	58.0	µg/g
Total PCB Results > REPORTING LIMIT	552		

Date Analysis Completed

21-MAR-97

Note: ND (not detected) denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit) denotes lowest analyte concentration reportable for the sample.

Authorized Signature:



Northeast Analytical, Inc.
Robert E. Wagner, Laboratory Director

0002S0

NORTHEAST ANALYTICAL ENVIRONMENTAL LAB SERVICES

301 Nott Street, Schenectady, NY 12305
(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS
March 27, 1997

GENERAL ELECTRIC COMPANY

100 WOODLAWN AVENUE
PITTSFIELD, MA 01201

CUSTOMER ID: 68-EAST-3 (18-24") NEA ID: 9700759
SAMPLE MATRIX: SOIL/SEDIMENT DATE SAMPLED: 03/05/97 TIME: 14:40
DATE RECEIVED: 03/06/97 TIME: 12:05 PROJECT NO: 201.43.006
SAMPLER ID: J. HASSETT, III LOCATION: BLDG 68 SOIL SAMPLING
CUSTOMER PO #: N/A LAB ELAP #: 11078

SW-846 Method 8081. Polychlorinated Biphenyls

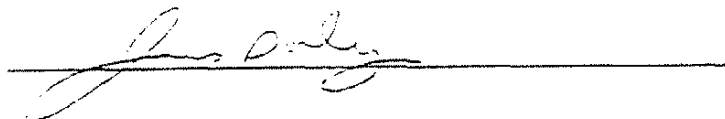
<u>PARAMETER</u>	<u>RESULTS</u>	<u>PQL</u>	<u>UNITS</u>
Aroclor 1016	ND	22.9	µg/g
Aroclor 1221	ND	22.9	µg/g
Aroclor 1232	ND	22.9	µg/g
Aroclor 1242	ND	22.9	µg/g
Aroclor 1248	ND	22.9	µg/g
Aroclor 1254	186	22.9	µg/g
Aroclor 1260	117	22.9	µg/g
Total PCB Results > REPORTING LIMIT	303		

Date Analysis Completed

21-MAR-97

Note: ND (not detected) denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit) denotes lowest analyte concentration reportable for the sample.

Authorized Signature:



Northeast Analytical, Inc.
Robert E. Wagner, Laboratory Director

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TABLE 6

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

REVISED ADDENDUM TO MCP SUPPLEMENTAL PHASE II SCOPE OF WORK AND RCRA FACILITY INVESTIGATION OF
EAST STREET AREA 2 / USEPA AREA 4

SUMMARY OF 1997 SURFACE SOIL/SHALLOW SOIL/SEWER SEDIMENT PCB RESULTS (PPM, DRY WEIGHT)

Sample ID	Depth(feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Shallow Soil Boring Samples										
95-21	0-0.5	9/18/97	ND(0.036)	ND(0.073)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	1.1 B	1.1
	0-2	9/18/97	ND(0.034)	ND(0.068)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.35	0.35
95-22	0-0.5	9/18/97	ND(0.035)	ND(0.071)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	4.8 B	4.8
	0-2	9/18/97	ND(0.035)	ND(0.072)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.50	0.50
95-24	0-0.5	9/18/97	ND(0.035)	ND(0.072)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	3.6 B	3.6
	0-2	9/18/97	ND(0.035)	ND(0.072)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	3.6	3.6
Surficial Soil Samples										
206S	0-0.5	9/17/97	ND(8.5)	ND(17)	ND(8.5)	ND(8.5)	ND(8.5)	ND(8.5)	310 B	310
207S	0-0.5	9/17/97	ND(1.8)	ND(3.6)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	9.8 B	9.8
208S	0-0.5	9/17/97	ND(1.8)	ND(3.7)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	2.2 B	2.2
209S	0-0.5	9/17/97	ND(0.38) [ND(0.74)]	ND(0.76) [ND(1.5)]	ND(0.38) [ND(0.74)]	ND(0.38) [ND(0.74)]	ND(0.38) [ND(0.74)]	ND(0.38) [ND(0.74)]	3.8 B [4.9 B]	3.8 [4.9]
210S	0-0.5	9/17/97	ND(0.35)	ND(0.70)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	9.2 B	9.2
211S	0-0.5	9/17/97	ND(0.034)	ND(0.069)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	2.6 B	2.6
212S	0-0.5	9/17/97	ND(0.078)	ND(0.16)	ND(0.078)	ND(0.078)	ND(0.078)	ND(0.078)	2.1 B	2.1
213S	0-0.5	9/17/97	ND(0.038)	ND(0.078)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.13 B	0.13
Storm Sewer/Manholes										
ESA2-MH-1	Grab	10/24/97	ND(0.041)	ND(0.083)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.38 P	0.42
ESA2-MH-2	Grab	10/24/97	ND(0.21) [ND(0.085)]	ND(0.43) [ND(0.17)]	ND(0.21) [ND(0.085)]	ND(0.21) [ND(0.085)]	ND(0.21) [ND(0.085)]	ND(0.21) [ND(0.085)]	11 [8.9]	11 [8.9]
ESA2-MH-3	Grab	10/24/97	ND(0.040)	ND(0.082)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	2.5	2.5
ESA2-MH-4	Grab	10/24/97	ND(0.86)	ND(1.8)	ND(0.86)	ND(0.86)	ND(0.86)	ND(0.86)	18	18
ESA2-MH-5	Grab	10/24/97	ND(0.84)	ND(1.7)	ND(0.84)	ND(0.84)	ND(0.84)	ND(0.84)	12	12
ESA2-MH-6	Grab	10/29/97	ND(0.40)	ND(0.82)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	7.2	7.2
ESA2-MH-7	Grab	10/29/97	ND(2.0)	ND(4.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	73	73
ESA2-MH-8	Grab	10/24/97	ND(0.84)	ND(1.7)	ND(0.84)	ND(0.84)	ND(0.84)	54	24	78
ESA2-MH-9	Grab	10/29/97	ND(0.21)	ND(0.43)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	4.4	4.4
ESA2-MH-10	Grab	10/29/97	ND(0.19)	ND(0.39)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	1.5	1.5

TABLE 6

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

SED ADDENDUM TO MCP SUPPLEMENTAL PHASE II SCOPE OF WORK AND RCRA FACILITY INVESTIGATION OF
EAST STREET AREA 2 / USEPA AREA 4

SUMMARY OF 1997 SURFACE SOIL/SHALLOW SOIL/SEWER SEDIMENT PCB RESULTS (PPM, DRY WEIGHT)

Notes:

- 1) Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to Compuchem, Inc. for analysis of PCBs
- 2) ND - Analyte was not detected. The value in parentheses is the associated detection limit
- 3) B - Analyte detected in associated method blank (Aroclor 1260 at 0.020 mg/Kg in blank)
- 4) P - Difference between results for the two analytical columns exceeded 25%. The lower of the two results is reported
- 5) Duplicate results are presented in brackets.

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
BUILDING 68 OIL/NAPL ASSESSMENT

DRAFT

PCB SOIL DATA
(Results in ppm, dry-weight)

Sample ID	Depth (feet)	Date Collected	Aroclor-1242	Aroclor-1254	Aroclor-1260	Total PCBs
Soil Boring Samples						
3-6C-EB-22	0 - 0.5	11/7/97	ND(12.3)	257	207	464
	0.5 - 1	11/7/97	ND(25.2)	381	241	622
	1 - 2	11/7/97	ND(12.6)	214	202	416
	2 - 4	11/7/97	ND(12.2) [ND(5.09)]	66.1 [55.1]	21.2 [25.8]	87.3 [80.9]
	4 - 6	11/7/97	ND(0.607)	9.63	4.14	13.8
	6 - 8	11/7/97	ND(0.117)	0.638	0.411	1.05
	8 - 10	11/7/97	ND(0.240)	0.934	0.877	1.81
	10 - 12	11/7/97	ND(0.143)	2.64	1.25	3.89
	12 - 14	11/7/97	ND(0.537)	10.5	1.92	12.4
	14 - 16	11/7/97	ND(0.123)	ND(0.123)	ND(0.123)	ND(0.123)
3-6C-EB-23	0 - 0.5	11/6/97	ND(13.0)	189	216	405
	0.5 - 1	11/6/97	ND(17.8)	220	96.1	316
	1 - 2	11/6/97	ND(2.01)	23.2	17.0	40.2
	2 - 4	11/6/97	ND(1.32)	13.1	9.91	23.0
	4 - 6	11/6/97	ND(2.89)	47.7	10.2	57.9
	6 - 8	11/6/97	ND(0.413)	4.35	1.41	5.76
	8 - 10	11/6/97	ND(0.472)	9.54	1.66	11.2
	10 - 12	11/6/97	ND(0.488)	10.0	2.77	12.8
	12 - 14	11/6/97	ND(2.45)	46.9	7.04	53.9
	14 - 16	11/6/97	ND(0.155)	0.545	0.161	0.706
3-6C-EB-24	0 - 0.5	11/6/97	ND(2.55)	42.1	29.6	71.7
	0.5 - 1	11/6/97	ND(2.69)	17.7	9.28	27.0
	1 - 2	11/6/97	ND(0.657)	7.56	1.97	9.53
	2 - 4	11/6/97	ND(0.853)	11.9	8.26	20.2
	4 - 6	11/6/97	ND(0.132) ND(0.122)	ND(0.132) ND(0.122)	0.285 [ND(0.122)]	0.285 [ND(0.122)]
	6 - 8	11/6/97	ND(0.131)	ND(0.131)	ND(0.131)	ND(0.131)
	8 - 10	11/6/97	ND(0.128)	ND(0.128)	0.147	0.147
	10 - 12	11/6/97	ND(0.129)	ND(0.129)	ND(0.129)	ND(0.129)
	12 - 14	11/6/97	ND(0.178)	ND(0.178)	ND(0.178)	ND(0.178)
	14 - 16	11/6/97	ND(0.114)	ND(0.114)	ND(0.114)	ND(0.114)
3-6C-EB-25	0 - 0.5	11/5/97	ND(27.5)	ND(27.5)	308	308
	0.5 - 1	11/5/97	ND(2.68)	ND(2.68)	59.3	59.3
	1 - 2	11/5/97	ND(2.60)	ND(2.60)	29.4	29.4
	2 - 4	11/5/97	ND(2.46)	ND(2.46)	30.9	30.9
	4 - 6	11/5/97	ND(0.244)	ND(0.244)	1.88	1.88
	6 - 8	11/5/97	ND(0.124)	ND(0.124)	0.502	0.502
	8 - 10	11/5/97	ND(0.128) [ND(1.34)]	ND(0.128) [ND(1.34)]	ND(0.128) [1.39]	ND(0.128) [1.39]
	10 - 12	11/5/97	ND(0.160)	ND(0.160)	ND(0.160)	ND(0.160)
	12 - 14	11/5/97	ND(0.164)	ND(0.164)	ND(0.164)	ND(0.164)
	16 - 18	11/5/97	ND(287)	ND(287)	3850	3850
18 - 20	11/5/97	ND(287)	ND(287)	3530	3530	
20 - 22	11/5/97	ND(12.2)	ND(12.2)	206	206	
3-6C-EB-26	0 - 2	11/4/97	ND(5.21)	ND(5.21)	60.5	60.5
	2 - 4	11/4/97	ND(0.254)	ND(0.254)	1.72	1.72
	4 - 6	11/4/97	ND(2.09)	ND(2.09)	27.8	27.8
	6 - 8	11/4/97	ND(0.119) [ND(0.239)]	ND(0.119) [ND(0.239)]	1.62 [1.75]	1.62 [1.75]
	8 - 10	11/4/97	ND(0.135)	ND(0.135)	ND(0.135)	ND(0.135)
	10 - 12	11/4/97	ND(0.174)	ND(0.174)	ND(0.174)	ND(0.174)
	12 - 14	11/4/97	ND(0.148)	ND(0.148)	ND(0.148)	ND(0.148)
	20 - 22	11/4/97	ND(0.120)	ND(0.120)	ND(0.120)	ND(0.120)

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
BUILDING 68 OIL/NAPL ASSESSMENT

DRAFT

PCB SOIL DATA
(Results in ppm, dry-weight)

Sample ID	Depth (feet)	Date Collected	Aroclor-1242	Aroclor-1254	Aroclor-1260	Total PCBs
3-6C-EB-27	0 - 0.5	11/7/97	ND(10.2)	144	111	255
	0.5 - 1	11/7/97	ND(10.1)	150	121	271
	1 - 2	11/7/97	ND(20.3)	216	184	400
	2 - 4	11/7/97	ND(14.4)	111	106	217
	4 - 6	11/7/97	2.83	14.0	5.87	22.7
	6 - 8	11/7/97	ND(0.160)	ND(0.160)	ND(0.160)	ND(0.160)
	8 - 10	11/7/97	ND(0.147)	ND(0.147)	ND(0.147)	ND(0.147)
	10 - 12	11/7/97	ND(0.133)	ND(0.133)	ND(0.133)	ND(0.133)
	16 - 18	11/7/97	ND(0.133)	0.403	0.347	0.75

Notes:

1. Samples were collected by Biasiand, Bouck & Lee, Inc., and were submitted to Northeast Analytical, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The value in parentheses is the associated detection limit.
3. Duplicate results are presented in brackets.

Table 2-4. PCB soil concentration data

Boring	Sample Number	Depth (Ft.)	Aroclor Concentration (mg/kg)							Total
			1016	1221	1232	1242	1248	1254	1260	
E2SC-01	E2SC-01-CS01	0-1	ND	ND	ND	ND	ND	ND	0.66	0.66
E2SC-01	E2SC-01-CS0106	1-6	ND	ND	ND	ND	ND	ND	0.71	0.71
E2SC-01	E2SC-01-CS0615	6-15	ND	ND	ND	ND	ND	ND	0.06	0.06
E2SC-01	E2SC-01-CS3840	38-40	ND	ND	ND	ND	ND	ND	ND	ND
E2SC-01	E2SC-01-SS25	44-46	ND	ND	ND	ND	ND	ND	ND	ND
E2SC-02	E2SC-02-CS01	0-1	ND	ND	ND	ND	ND	ND	49.00	49.00
E2SC-02	E2SC-02-CS0106	1-6	ND	ND	ND	ND	ND	ND	43.00	43.00
E2SC-02	E2SC-02-CS0615	6-15	ND	ND	ND	ND	ND	ND	17.00	17.00
E2SC-02	E2SC-02-CS4042	40-42	ND	ND	ND	ND	ND	ND	ND	ND
E2SC-03	E2SC-03-CS01	0-1	ND	ND	ND	ND	ND	ND	25.00	25.00
E2SC-03	E2SC-03-CS0106	1-6	ND	ND	ND	ND	ND	ND	52.00	52.00
E2SC-03	E2SC-03-CS0615	6-15	ND	ND	ND	ND	ND	ND	22.00	22.00
E2SC-03	E2SC-03-CS4448	44-48	ND	ND	ND	ND	ND	ND	ND	ND
E2SC-04	E2SC-04-CS01	0-1	ND	ND	ND	ND	ND	ND	0.99	0.99
E2SC-04	E2SC-04-CS0106	1-6	ND	ND	ND	ND	ND	0.17	0.19	0.36
E2SC-04	E2SC-04-CS0615	6-15	ND	ND	ND	ND	ND	ND	ND	ND
E2SC-04	E2SC-04-CS4244	42-44	ND	ND	ND	ND	ND	ND	ND	ND
E2SC-04	E2SC-04-GS01	0-5	ND	ND	ND	ND	ND	ND	0.12	0.12
E2SC-04	E2SC-04-GS02	5-15.4	ND	ND	ND	ND	ND	ND	ND	ND
E2SC-04	E2SC-04-GS03	15.4-24	ND	ND	ND	ND	ND	ND	ND	ND
E2SC-04	E2SC-04-GS04	24-39	ND	ND	ND	ND	ND	ND	ND	ND
E2SC-04	E2SC-04-GS05	39-43	ND	ND	ND	ND	ND	ND	ND	ND
E2SC-04	E2SC-04-GS06	43-44	ND	ND	ND	ND	ND	ND	ND	ND
E2SC-05	E2SC-05-CS01	0-1	ND	ND	ND	ND	ND	ND	1.60	1.60
E2SC-05	E2SC-05-CS0106	1-6	ND	ND	ND	ND	ND	ND	0.29	0.29
E2SC-05	E2SC-05-CS0615	6-15	ND	ND	ND	ND	ND	ND	0.13	0.13
E2SC-05	E2SC-05-CS3840	38-40	ND	ND	ND	ND	ND	ND	ND	ND
E2SC-05	E2SC-05-CS4042	40-42	ND	ND	ND	ND	ND	ND	ND	ND

FOR GENERAL ELECTRIC CO. - PITTSFIELD
MWP_DOCUMENTATION

Table 2-4. Continued

Boring	Sample Number	Depth (Ft.)	Aroclor Concentration (mg/kg)							Total
			1016	1221	1232	1242	1248	1254	1260	
E2SC-06	E2SC-06-CS01	0-1	ND	ND	ND	ND	ND	ND	0.59	0.59
E2SC-06	E2SC-06-CS0106	1-6	ND	ND	ND	ND	ND	ND	0.07	0.07
E2SC-06	E2SC-06-CS0615	6-15	ND	ND	ND	ND	ND	ND	ND	ND
E2SC-07	E2SC-07-CS01	0-1	ND	ND	ND	ND	ND	ND	0.79	0.79
E2SC-07	E2SC-07-CS0106	1-6	ND	ND	ND	ND	ND	ND	0.28	0.28
E2SC-07	E2SC-07-CS0615	6-15	ND	ND	ND	ND	ND	ND	1.40	1.40
E2SC-07	E2SC-07-CS3840	38-40	ND	ND	ND	ND	ND	ND	ND	ND
E2SC-08	EW2SC-08-CS0106	1 - 6	ND	ND	ND	ND	ND	ND	170.00	170.00
E2SC-08	EW2SC-08-CS0615	6 - 15	ND	ND	ND	ND	ND	ND	210.00	210.00
E2SC-08	E2SC-08 CS4244	42-44	ND	ND	ND	ND	ND	ND	0.13	0.13
E2SC-09	E2SC-09-CS01	0-1	ND	ND	ND	ND	ND	ND	20.00	20.00
E2SC-09	E2SC-09-CS0106	1-6	ND	ND	ND	ND	ND	ND	3.90	3.90
E2SC-09	E2SC-09-CS0615	6-15	ND	ND	ND	ND	ND	ND	140.00	140.00
E2SC-09	E2SC-09-CS4042	40-42	ND	ND	ND	ND	ND	ND	0.11	0.11
E2SC10	E2SC-10-CS01	0-1	ND	ND	ND	ND	ND	ND	0.19	0.19
E2SC10	E2SC-10-CS0106	1-6	ND	ND	ND	ND	ND	ND	0.15	0.15
E2SC10	E2SC-10-CS0615	6-15	ND	ND	ND	ND	ND	ND	ND	ND
E2SC10	E2SC-10-CS2830	28-30	ND	ND	ND	ND	ND	ND	ND	ND
E2SC-11	E2SC-11-CS01	0-1	ND	ND	ND	ND	ND	ND	0.10	0.10
E2SC-11	E2SC-11-CS0106	1-6	ND	ND	ND	ND	ND	ND	ND	ND
E2SC-11	E2SC-11-CS0615	6-15	ND	ND	ND	ND	ND	ND	ND	ND
E2SC-12	E2SC-12-CS01	0-1	ND	ND	ND	ND	ND	ND	0.19	0.19
E2SC-12	E2SC-12-CS0106	1-6	ND	ND	ND	ND	ND	83.00	91.00	91.00
E2SC-12	E2SC-12-CS0615	6-15	ND	ND	ND	ND	ND	ND	65.00	65.00
E2SC-12	E2SC-12-CS3032	30-32	ND	ND	ND	ND	ND	0.11	0.15	0.26
E2SC-13	ES2C-13-CS01	0-1	ND	ND	ND	ND	ND	ND	0.21	0.21

Table 2-1. Soil PCB Concentrations

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
E2SC-25	CS01	0-1	Aroclor 1016	ND			mg/kg
			Aroclor 1221	ND			mg/kg
			Aroclor 1232	ND			mg/kg
			Aroclor 1242	ND			mg/kg
			Aroclor 1248	ND			mg/kg
			Aroclor 1254	ND			mg/kg
			Aroclor 1260	3.1			mg/kg
			Total PCBs	3.1			
	CS0106	1-6	Aroclor 1016	ND			mg/kg
			Aroclor 1221	ND			mg/kg
			Aroclor 1232	ND			mg/kg
			Aroclor 1242	ND			mg/kg
			Aroclor 1248	ND			mg/kg
			Aroclor 1254	ND			mg/kg
			Aroclor 1260	ND			mg/kg
			Total PCBs	0			
	CS0615	6-15	Aroclor 1016	ND			mg/kg
			Aroclor 1221	ND			mg/kg
			Aroclor 1232	ND			mg/kg
			Aroclor 1242	ND			mg/kg
			Aroclor 1248	ND			mg/kg
			Aroclor 1254	ND			mg/kg
			Aroclor 1260	2.4			mg/kg
			Total PCBs	2.4			

Table 2-1. (continued)

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
	CS0615D	6-15	Aroclor 1016	ND			mg/kg
			Aroclor 1221	ND			mg/kg
			Aroclor 1232	ND			mg/kg
			Aroclor 1242	ND			mg/kg
			Aroclor 1248	ND			mg/kg
			Aroclor 1254	ND			mg/kg
			Aroclor 1260	2.4			mg/kg
			Total PCBs	2.4			
	CS3538	35-38	Aroclor 1016	ND			mg/kg
			Aroclor 1221	ND			mg/kg
			Aroclor 1232	ND			mg/kg
			Aroclor 1242	ND			mg/kg
			Aroclor 1248	ND			mg/kg
			Aroclor 1254	ND			mg/kg
			Aroclor 1260	ND			mg/kg
			Total PCBs	0			
	CS3540	38-40	Aroclor 1016	ND			mg/kg
			Aroclor 1221	ND			mg/kg
			Aroclor 1232	ND			mg/kg
			Aroclor 1242	ND			mg/kg
			Aroclor 1248	ND			mg/kg
			Aroclor 1254	ND			mg/kg
			Aroclor 1260	ND			mg/kg
			Total PCBs	0			
ESA2-TW	SB-1(0-1)	0 - 1	Aroclor 1016	ND			mg/kg
			Aroclor 1221	ND			mg/kg
			Aroclor 1232	ND			mg/kg
			Aroclor 1242	ND			mg/kg
			Aroclor 1248	ND			mg/kg
			Aroclor 1254	ND			mg/kg
			Aroclor 1260	7.2			mg/kg
			Total PCBs	7.2			

Table 2-1. (continued)

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
	SB-1(1-2)	1 - 2	Aroclor 1016	ND			mg/kg
			Aroclor 1221	ND			mg/kg
			Aroclor 1232	ND			mg/kg
			Aroclor 1242	ND			mg/kg
			Aroclor 1248	ND			mg/kg
			Aroclor 1254	ND			mg/kg
			Aroclor 1260	6.8			mg/kg
			Total PCBs	6.8			
	SB-1(2-4)	2 - 4	Aroclor 1016	ND			mg/kg
			Aroclor 1221	ND			mg/kg
			Aroclor 1232	ND			mg/kg
			Aroclor 1242	ND			mg/kg
			Aroclor 1248	ND			mg/kg
			Aroclor 1254	ND			mg/kg
			Aroclor 1260	ND			mg/kg
			Total PCBs	0			
	SB-1(4-6)	4 - 6	Aroclor 1016	ND			mg/kg
			Aroclor 1221	ND			mg/kg
			Aroclor 1232	ND			mg/kg
			Aroclor 1242	ND			mg/kg
			Aroclor 1248	ND			mg/kg
			Aroclor 1254	ND			mg/kg
			Aroclor 1260	ND			mg/kg
			Total PCBs	0			
	SB-DUP-1(4-6)	4 - 6	Aroclor 1016	ND			mg/kg
			Aroclor 1221	ND			mg/kg
			Aroclor 1232	ND			mg/kg
			Aroclor 1242	ND			mg/kg
			Aroclor 1248	ND			mg/kg
			Aroclor 1254	ND			mg/kg
			Aroclor 1260	ND			mg/kg
			Total PCBs	0			

Table 2-1. (continued)

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
	SB-1(6-8)	6 - 8	Aroclor 1016	ND			mg/kg
			Aroclor 1221	ND			mg/kg
			Aroclor 1232	ND			mg/kg
			Aroclor 1242	ND			mg/kg
			Aroclor 1248	ND			mg/kg
			Aroclor 1254	ND			mg/kg
			Aroclor 1260	ND			mg/kg
			Total PCBs	0			
	SB-1(8-10)	8 - 10	Aroclor 1016	ND			mg/kg
			Aroclor 1221	ND			mg/kg
			Aroclor 1232	ND			mg/kg
			Aroclor 1242	ND			mg/kg
			Aroclor 1248	ND			mg/kg
			Aroclor 1254	ND			mg/kg
			Aroclor 1260	ND			mg/kg
			Total PCBs	0			
	SB-1(10-14)	10 - 14	Aroclor 1016	ND			mg/kg
			Aroclor 1221	ND			mg/kg
			Aroclor 1232	ND			mg/kg
			Aroclor 1242	ND			mg/kg
			Aroclor 1248	ND			mg/kg
			Aroclor 1254	ND			mg/kg
			Aroclor 1260	ND			mg/kg
			Total PCBs	0			

Qualifier

ND Not Detected

TABLE 1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSFUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

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

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
Within Limits of Future City Recreational Area						
CRA-1	0-2	1/17/01	ND(0.044)	0.54	0.74	1.28
	2-5	1/17/01	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	5-14	1/17/01	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
CRA-2	0-2	1/17/01	ND(0.047)	0.49	0.70	1.19
	2-5	1/17/01	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
	5-14	1/17/01	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
CRA-3	0-2	1/17/01	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)
	2-5	1/17/01	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)
	5-14	1/17/01	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	1/18/01	ND(0.051)	0.10	0.10	0.20
	2-5	1/18/01	ND(0.047)	0.18	0.26	0.44
	5-14	1/18/01	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
CRA-5	0-2	1/18/01	ND(0.049)	0.35	0.49	0.84
	2-5	1/18/01	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	5-14	1/18/01	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
CRA-6	0-2	1/18/01	ND(0.047)	0.064	0.22	0.284
	2-5	1/18/01	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
	5-14	1/18/01	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
CRA-7	0-2	1/18/01	ND(0.048)	0.048	0.063	0.111
	2-5	1/18/01	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)
	5-14	1/18/01	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	1/22/01	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)
	2-5	1/22/01	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	5-14	1/22/01	ND(0.045)	ND(0.045)	0.094	0.094
CRA-9	0-2	1/22/01	ND(0.24)	ND(0.24)	5.6	5.6
	2-5	1/22/01	ND(0.048)	ND(0.048)	0.029 J	0.029 J
	5-14	1/22/01	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
CRA-10	0-2	1/22/01	ND(0.049)	0.28	0.45	0.73
	2-5	1/22/01	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	5-14	1/22/01	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
CRA-11	0-2	1/23/01	ND(0.047)	0.28	0.78	1.06
	2-5	1/23/01	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	1/23/01	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
CRA-12	0-2	1/23/01	ND(0.46)	ND(0.46)	3.4	3.4
	2-5	1/23/01	ND(0.22)	1.8	0.92	2.72
	5-14	1/23/01	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
CRA-13	0-2	1/23/01	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	2-5	1/23/01	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	5-14	1/23/01	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)
CRA-14	0-2	1/19/01	ND(0.21)	0.61	1.2	1.81
	2-5	1/19/01	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	5-14	1/19/01	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
CRA-15	0-2	1/19/01	ND(0.23)	0.80	1.5	2.3
	2-5	1/19/01	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
	5-14	1/19/01	ND(0.050)	ND(0.050)	0.13	0.13
CRA-16	0-2	1/19/01	ND(0.044)	0.32	0.57	0.89
	2-5	1/19/01	ND(0.044)	0.35	0.79	1.14
	5-14	1/19/01	ND(0.043)	0.063	0.082	0.145
CRA-17	0-2	1/19/01	ND(4.2)	ND(4.2)	42	42
	2-5	1/19/01	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	5-14	1/19/01	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
CRA-18	0-2	1/23/01	ND(0.044)	ND(0.044)	0.32	0.32
	2-5	1/23/01	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	5-14	1/23/01	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
CRA-19	0-2	1/23/01	ND(0.044)	0.14	0.24	0.38
	2-5	1/23/01	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	5-14	1/23/01	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)

TABLE 1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSFUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

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

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
CRA-20	0-2	1/31/01	Within Limits of Future City Recreational Area		0.032 J	0.058 J
	2-5	1/31/01	ND(0.042)	0.13	0.22	0.35
	5-14	1/31/01	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
CRA-21	0-2	1/31/01	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
	2-5	1/31/01	ND(0.044)	0.085	0.12	0.205
	5-14	1/31/01	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	1/31/01	ND(0.058)	0.43	0.52	0.95
	2-5	1/31/01	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
	5-14	1/31/01	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
Adjacent to Future City Recreational Area						
RAA4-1	0-1	1/30/01	R	R	R	R
RAA4-2	0-1	1/24/01	ND(0.24)	1.4	ND(0.24)	1.4
	1-6	1/24/01	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)
	6-15	1/24/01	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)
RAA4-3	0-1	1/30/01	ND(0.051)	0.68	ND(0.051)	0.68
RAA4-4	0-1	1/24/01	ND(0.24)	180	320	500
	1-6	1/24/01	ND(0.22)	1.4	ND(0.22)	1.4
	6-15	1/24/01	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)
RAA4-5	0-1	1/30/01	ND(0.45)	2.8	6.6	9.4
RAA4-6	0-1	1/30/01	ND(2.5)	ND(2.5)	14	14
RAA4-7	0-1	1/30/01	ND(0.22)	0.55	0.73	1.28
RAA4-8	0-1	1/30/01	ND(0.22) [ND(0.26)]	ND(0.22) [ND(0.26)]	3.5 [5.4]	3.5 [5.4]
RAA4-9	0-1	1/30/01	ND(0.044)	0.44	1.2	1.64
RAA4-10	0-1	1/30/01	ND(0.24)	ND(0.24)	3.9	3.9
RAA4-11	0-1	1/30/01	ND(0.51)	ND(0.51)	5.0	5.0
RAA4-12	0-1	1/30/01	ND(0.22)	ND(0.22)	7.9	7.9
RAA4-13	0-1	1/30/01	ND(0.055)	ND(0.055)	0.79	0.79
RAA4-14	0-1	1/30/01	ND(0.044)	0.66	0.90	1.7
RAA4-15	0-1	1/30/01	ND(0.046)	0.34	0.50	0.84
RAA4-16	0-1	1/24/01	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)
	1-6	1/24/01	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)
	6-15	1/24/01	ND(1.1)	ND(1.1)	20	20
RAA4-17	0-1	1/29/01	ND(0.53)	3.3	6.8	10.1
	1-6	1/29/01	ND(0.037)	ND(0.037)	0.030 J	0.030 J
	6-15	1/29/01	ND(0.042)	ND(0.042)	0.50	0.50
RAA4-18	0-1	1/29/01	ND(0.038)	0.46	1.5	1.96
	1-6	1/29/01	ND(0.038)	0.35	0.73	1.08
	6-15	1/29/01	ND(0.037)	ND(0.037)	0.26	0.26
RAA4-19	0-1	1/29/01	ND(0.048)	ND(0.048)	2.2	2.2
	1-6	1/29/01	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	1/29/01	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	1/29/01	ND(0.038)	0.53	1.4	1.93
	1-6	1/29/01	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-15	1/29/01	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA4-21	0-1	1/29/01	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	1-6	1/29/01	ND(0.037)	0.16	0.22	0.38
	6-15	1/29/01	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)
RAA4-22	0-1	1/31/01	ND(0.056)	0.24	0.46	0.70
	1-6	1/31/01	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	6-15	1/31/01	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)

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 value in parentheses is the associated detection limit.
3. Duplicate results are presented in brackets.
4. J - Indicates an estimated value less than the practical quantitation limit (PQL).
5. R - Indicates that the previously reported detection limit or sample result has been rejected due to a major deficiency in the data generation procedure. The data should not be used for any qualitative or quantitative purposes.

PRIOR NON-PCB APPENDIX IX+3 SOIL DATA

PITTSFIELD, MASSACHUSETTS
GROUND-WATER TREATMENT FACILITY

RESULTS OF SOIL SAMPLING AND ANALYSIS

Constituent	Soil Concentration for 0 to 6 Feet Depth (ppm)									
	GW-1	GW-2	GW-3	GW-4	GW-5	GW-6	GW-7	GW-8	GW-9	GW-10
1. PCBs	0.9	0.49	--	0.4	2.4	2.0	0.74	0.74	0.15	2.8
2. Volatile Organics										
Benzene	--	--	--	130	--	--	--	--	--	--
Ethyl Benzene	--	--	--	240	--	--	--	--	--	--
Methylene Chloride	--	6	7	--	5	8	11	9	13	--
Toluene	--	--	--	400	--	--	--	--	--	--
3. Base Neutral/Acid Extractables										
Acenaphthene	--	--	--	--	--	--	--	18	--	--
Acenaphthylene	--	--	--	--	--	--	--	45	--	--
Anthracene	--	--	--	--	--	--	--	28	--	--
Benzo(a) Anthracene	--	--	--	140	--	--	--	110	--	--
Benzo(b) Fluoranthene	--	--	--	97	--	--	--	72	--	--
Benzo(k) Fluoranthene	--	--	--	140	--	13	--	88	--	--
Benzo(a) Pyrene	--	--	--	150	--	--	--	52	--	--
Benzo(g,h,i) Perylene	--	--	--	32	--	--	--	20	--	--
Chrysene	--	--	13	150	--	--	--	120	--	--
Dibenz (a,h) Anthracene	--	--	--	14	--	--	--	--	--	--
Fluoranthene	--	--	--	280	--	--	--	240	--	--
Fluorene	--	--	--	85	--	--	--	90	--	--
Indeno (1,2,3-cd) Pyrene	--	--	--	240	--	--	--	19	--	--
Napthalene	--	--	--	2,300	--	--	--	2,000	--	--
Phenanthrene	--	--	--	890	--	--	--	590	--	--
Pyrene	--	--	--	520	--	--	--	350	--	--

PITTSFIELD, MASSACHUSETTS
GROUND-WATER TREATMENT FACILITY

RESULTS OF SOIL SAMPLING AND ANALYSIS
(Cont'd)

<u>Constituent</u>	<u>Soil Concentration (ppm) for 0 to 6 Feet Depth</u>									
	<u>GW-1</u>	<u>GW-2</u>	<u>GW-3</u>	<u>GW-4</u>	<u>GW-5</u>	<u>GW-6</u>	<u>GW-7</u>	<u>GW-8</u>	<u>GW-9</u>	<u>GW-10</u>
4. Metals										
Arsenic	--	4	15	8	--	--	--	--	--	--
Barium	31.3	26.7	19.4	20.8	19.7	17.3	14.9	14.9	22.5	7.6
Cadmium	--	--	--	--	--	--	--	--	--	--
Chromium	10	19	15	9	10	11	4	6	6	7
Lead	24	41	46	39	22	35	12	102	13	10
Selenium	--	--	--	--	--	--	--	--	--	--
Silver	--	11.0	0.8	0.9	1.0	0.9	--	--	--	--
Mercury	--	--	--	0.2	--	--	--	0.2	--	--
5. Cyanide	--	0.99	6.1	0.92	--	5.1	0.98	608	1.6	21
6. Phenols	1.4	1.5	1.6	4	0.99	1.7	2.2	2	1.1	1.3

Notes:

1. -- = not detected.
2. See attached figure for sample locations.
3. Sampling performed by Geraghty & Miller. Analyses by IT Analytical.

Table 5. Summary of Volatile Organic Compound^{a)} (VOC) Results for Soil Samples Collected at GE Company, Area 2 Groundwater Treatment Facility, December 5-10, 1990, Pittsfield, Massachusetts

Parameter	<u>Sample Designation and Depth (feet)</u>							
	BF-1 (0-0.5)	BF-2 (0-0.58)	BF-3 (0-6)	E-1 (0-0.58)	E-4 (0-6)	E-5 (0-3)	CA-1 (0-5)	SS-1 (0-10)
Methylene Chloride	ND	ND	0.013	0.014	ND	0.011	ND	ND
Toluene	ND	ND	ND	ND	ND	0.028	ND	ND

^{a)} Analyzed per EPA Method 8240.

^{b)} Concentrations reported in mg/kg (ppm).

ND=Parameter was analyzed for but not detected above the quantitation limit.

Table 2. Summary of Semivolatile Compounds^{a)} from Soil Samples Collected at GE Company, Area 2 Ground Water Treatment Facility, December 5-10, 1990, Pittsfield, Massachusetts

Parameter ^{b)}	Sample ID - Depth (ft)			
	RS-1 (0-6)	RS-2 (0-6)	RS-3 (0-6)	RS-4 (0-6)
Acenaphthylene	ND	ND	ND	ND
Naphthalene	ND	1,300	960	ND
Acenaphthene	ND	ND	ND	ND
2,4-Dinitrotoluene	ND	ND	ND	ND
Phenanthrene	1,300	4,200	ND	ND
Fluoranthrene	2,100	5,600	ND	ND
Anthracene	ND	820	ND	ND
Pyrene	3,500	7,400	ND	ND
Fluorene	ND	ND	ND	ND
Benzo(A)anthracene	3,600	5,600	5,800	ND
Chrysene	2,100	3,800	1,900	ND
Bis(2-ethyl-hexyl)phthalate	ND	ND	ND	ND
Benzo(B)fluoranthene	2,400	4,600	1,800	ND
Benzo(K)fluoranthene	1,700	2,400	1,200	ND
Benzo(A)pyrene	2,800	ND	3,400	ND
Ideno-(1,2,3)-(CD)-pyrene	1,200	1,000	ND	ND
Dibenzo-(A,H)-anthracene	ND	ND	ND	ND
Benzo-(G,H,I)-perlyene	1,800	1,500	1,000	ND
2-Methylnaphthalene	ND	ND	ND	ND
Dibenzofuran	ND	ND	ND	ND

^{a)} Analyzed per EPA Method 8270.

^{b)} Concentrations reported in mcg/kg (ppb).

ND = Parameter was analyzed for but not detected above the quantitation limit.

Table 2. Summary of Semivolatile Compounds^a from Soil Samples Collected at GE Company, Area 2 Ground Water Treatment Facility, December 5-10, 1990, Pittsfield, Massachusetts

Parameter ^b	Sample ID - Depth (ft)			
	RS-5 (0-6)	RS-6 (0-6)	RS-7 (0-9)	D-1 (0-6)
Acenaphthylene	ND	ND	ND	2,300
Naphthalene	ND	1,300	960	520,000
Acenaphthene	ND	ND	ND	1,100
2,4-Dinitrotoluene	ND	ND	ND	ND
Phenanthrene	ND	2,500	ND	28,000
Fluoranthrene	1,700	4,000	ND	19,000
Anthracene	ND	ND	ND	6,100
Pyrene	3,600	5,400	ND	19,000
Fluorene	ND	ND	ND	2,900
Benzo(A)anthracene	4,600	5,500	ND	10,000
Chrysene	2,300	2,800	ND	15,000
Bis(2-ethyl-hexyl)phthalate	ND	ND	ND	ND
Benzo(B)fluoranthene	1,900	3,300	ND	16,000
Benzo(K)fluoranthene	ND	2,400	ND	13,000
Benzo(A)pyrene	2,800	3,200	ND	13,000
Ideno-(1,2,3)-(CD)-pyrene	ND	1,300	ND	ND
Dibenzo-(A,H)-anthracene	ND	960	ND	2,300
Benzo-(G,H,I)-perlyene	ND	1,300	ND	5,000
2-Methylnaphthalene	ND	ND	ND	2,000
Dibenzofuran	ND	ND	ND	2,200

Analyzed per EPA Method 8270.

Concentrations reported in mcg/kg (ppb).

ND = Parameter was analyzed for but not detected above the quantitation limit.

Table 2. Summary of Semivolatile Compounds^{a)} from Soil Samples Collected at GE Company, Area 2 Ground Water Treatment Facility, December 5-10, 1990, Pittsfield, Massachusetts

Parameter ^{b)}	Sample ID - Depth (ft)			
	D-2 (0-6)	D-3 (0-6)	WM-1 (0-9)	SS-1 (0-10)
Acenaphthylene	ND	ND	ND	ND
Naphthalene	1,300	1,700	6,000	230,000
Acenaphthene	ND	ND	ND	ND
2,4-Dinitrotoluene	2,100	ND	ND	ND
Phenanthrene	ND	2,300	3,000	ND
Fluoranthrene	3,200	2,600	1,800	ND
Anthracene	ND	ND	ND	ND
Pyrene	3,600	2,400	4,100	ND
Fluorene	ND	ND	ND	ND
Benzo(A)anthracene	5,000	1,300	ND	ND
Chrysene	3,800	4,100	ND	ND
Bis(2-ethyl-hexyl)phthalate	810	ND	ND	ND
Benzo(B)fluoranthene	4,500	2,900	4,500	ND
Benzo(K)fluoranthene	3,100	3,000	3,900	ND
Benzo(A)pyrene	3,800	3,500	8,600	ND
Ideno-(1,2,3)-(CD)-pyrene	1,900	ND	ND	ND
Dibenzo-(A,H)-anthracene	ND	ND	ND	ND
Benzo-(G,H,I)-perlyene	2,000	ND	ND	ND
2-Methylnaphthalene	ND	ND	4,400	21,000
Dibenzofuran	ND	ND	ND	ND

^{a)} Analyzed per EPA Method 8270.

^{b)} Concentrations reported in mcg/kg (ppb).

ND = Parameter was analyzed for but not detected above the quantitation limit.

Table 2. Summary of Semivolatile Compounds^{a)} from Soil Samples Collected at GE Company, Area 2 Ground Water Treatment Facility, December 5-10, 1990, Pittsfield, Massachusetts

Parameter ^{b)}	Sample ID - Depth (ft)				
	E-4 (0-6)	E-5 (0-3)	E-6 (0-3)	BF-6 (0-3)	CA-1 (0-5)
Acenaphthylene	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	11,000	ND
Acenaphthene	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	1,000	ND
Fluoranthrene	ND	ND	ND	1,100	1,000
Anthracene	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	840	1,800
Fluorene	ND	ND	ND	ND	ND
Benzo(A)anthracene	ND	2,100	ND	ND	1,600
Chrysene	ND	ND	ND	ND	1,700
Bis(2-ethyl-hexyl)phthalate	ND	ND	ND	ND	ND
Benzo(B)fluoranthene	ND	ND	ND	ND	1,600
Benzo(K)fluoranthene	ND	ND	ND	ND	1,400
Benzo(A)pyrene	ND	ND	ND	ND	1,700
Ideno-(1,2,3)-(CD)-pyrene	ND	ND	ND	ND	820
Dibenzo-(A,H)-anthracene	ND	ND	ND	ND	ND
Benzo-(G,H,I)-perylene	ND	ND	ND	ND	940
2-Methylnaphthalene	ND	ND	ND	7,600	ND
Dibenzofuran	ND	ND	ND	ND	ND

Analyzed per EPA Method 8270.

Concentrations reported in mcg/kg (ppb).

ND = Parameter was analyzed for but not detected above the quantitation limit.

Table 3. Summary of Total Phenols, Total Cyanide and HRA Metals from Soil Samples Collected at GE Company, Area 2 Groundwater Treatment Facility, December 5-10, 1990, Pittsfield, Massachusetts*

Sample Designation and Depth (feet)	Total Phenol ^{a)}	Total Cyanide ^{b)}	Arsenic ^{c)}	Barium ^{d)}	Chromium ^{d)}	Lead ^{d)}	Mercury ^{e)}	Selenium ^{f)}
RS-1 (0-6)	ND	20	ND	42.6	11.1	96.1	0.2	ND
RS-2 (0-6)	ND	8	ND	32.6	8.6	70.4	0.29	ND
RS-3 (0-6)	8	17	ND	45.3	9.5	41.9	ND	ND
RS-4 (0-6)	ND	19	4.1	ND	19.3	66.5	ND	112
RS-5 (0-6)	ND	22	10.5	ND	27.6	52.7	0.14	ND
RS-6 (0-6)	ND	15	ND	32.7	9.6	50.9	11.8	ND
RS-7 (0-9)	ND	0.6	ND	34.8	9.8	16.8	ND	ND
D-1 (0-6)	ND	29	ND	63.0	14.4	93.0	0.10	ND
D-2 (0-6)	ND	4	2.9	110	8.0	62.8	ND	78.7
D-3 (0-6)	ND	2	ND	45.4	11.1	41.8	ND	ND
WM-1 (0-6)	ND	21	ND	29.3	23.7	65.3	ND	ND
SS-1 (0-10)	ND	ND	ND	22.7	10.5	33.9	ND	ND
E-4 (0-6)	ND	ND	ND	15.6	9.7	10.7	ND	ND
E-5 (0-3)	ND	ND	ND	21.3	9.0	24.6	ND	ND
E-6 (0-3)	ND	ND	16.2	29.6	12.1	16.8	ND	ND
BF-6 (0-3)	ND	1	ND	32.0	8.2	20.5	ND	ND
CA-1 (0-5)	ND	26	ND	40.7	15.2	87.4	0.11	ND

* Concentrations reported in mcg/kg (ppb).

^{a)} Total Phenols Analyzed per SW-846 Method 9066.

^{b)} Total Cyanide with Distillation Analyzed per EPA Method 335.2; 335.3.

^{c)} Arsenic analyzed per SW-846 Method 7060.

^{d)} Barium, Chromium and Lead analyzed per EPA Method 6010.

^{e)} Mercury analyzed per EPA Methods 1979.245.1.

^{f)} Selenium analyzed per SW-846 Method 7740.

ND = Parameter was analyzed for but not detected above the quantitation limit.

TABLE 4-8

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO MONITORING WELLS

RAA-4

VOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	ES2-1 Soil 14-16 ft	ES2-2 Soil 6-8 ft	ES2-3 Soil 14-16 ft	ES2-4 Soil 8-10 ft	ES2-5 Soil 18-20 ft	ES2-6 Soil 14-16 ft	ES2-6(RE) Soil 14-16 ft	ES2-6 Soil 42-44 ft	ES2-7 Soil 6-8 ft	ES2-7(RE) Soil 6-8 ft
<u>Volatiles (ppm)</u>											
Acetone		0.065 ^b	--	0.035 ^b	0.037 ^b	0.026 ^b	2.3 ^{bc}	8.1 ^d	0.99 ^{bu}	0.054 ^b	0.066 ^b
Benzene		0.002 ^j	--	--	--	--	0.009	--	--	0.005 ^j	0.004 ^j
2-Butanone		0.005 ^j	--	--	--	--	--	--	--	0.007 ^{bu}	0.012 ^{bu}
Carbon Disulfide		--	--	--	--	--	0.001 ^j	--	--	--	--
Chlorobenzene		0.058	60	0.036	0.001 ^j	0.002 ^j	0.12	0.88 ^d	0.2 ^j	0.22	0.26
Chloroform		0.003 ^j	--	0.003 ^j	--	0.002 ^j	--	--	--	--	--
Crotonaldehyde		--	55	--	--	--	--	--	--	--	--
Ethylbenzene		0.014	42	--	--	--	0.076	0.48 ^{cu}	5.3	0.024	0.011
Methylene chloride		0.047 ^b	1.2 ^{bu}	0.065 ^b	0.092 ^b	0.034 ^b	0.017 ^b	0.26 ^{cu}	0.24 ^{bu}	0.026 ^b	0.039 ^b
Toluene		--	1.1 ^j	--	--	--	0.002 ^j	--	0.52 ^j	0.007 ^j	0.002 ^j
1,1,2-Trichloro-1,2,2-trifluoroethane		0.001 ^j	--	--	--	0.002 ^j	--	--	--	--	--
Xylenes (total)		0.010	59	--	--	--	0.073	0.24 ^{cu}	5.3	0.031	0.018

Notes:

Samples were collected between January 10 and 21, 1991 and submitted to Compuchem Laboratories, Inc. for analysis of Appendix IX+3 volatile constituents.

Only detected constituents are shown.

ppm - Parts per million.

-- Indicates not detected at or above the detection level.

RE - Indicates re-extraction of sample.

^b - The analyte was also detected in the associated blank.

^c - The compound concentrations exceeded the calibration range of the GC/MS instrument for that specific analysis.

^d - Compound identified at a secondary dilution factor.

^j - Value indicates an estimated value less than the GLP required quantitation limit.

TABLE 4-9

**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4**

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO MONITORING WELLS

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix Depth:	ES2-1 Soil 14-16 ft	ES2-2 Soil 6-8 ft	ES2-2(RE) Soil 6-8 ft	ES2-3 Soil 14-16 ft	ES2-4 Soil 8-10 ft	ES2-5 Soil 18-20 ft	ES2-6 Soil 14-16 ft	ES2-6 Soil 42-44 ft	ES2-7 Soil 6-8 ft
Semivolatiles (ppm)										
Acenaphthene		1	26	29	0.14 ^J	--	--	8.3	12	24
Acenaphthylene		0.1 ^J	2.9 ^J	2.9 ^J	--	--	--	0.54 ^J	2.4	3.7 ^J
Anthracene		0.29 ^J	13	14	--	--	1.2 ^J	2.7	5.7	13
Benzo(a)anthracene		0.27 ^J	11	12	--	--	0.69 ^J	2	4.1	13
Benzo(b)fluoranthene		0.17 ^J	10 ^X	11 ^X	--	--	1.1 ^J	1.5 ^X	2.9 ^X	14 ^X
Benzo(k)fluoranthene		0.088 ^J	10 ^X	11 ^X	--	--	1.1 ^J	1.5 ^X	2.9 ^X	14 ^X
Benzo(g,h,i)perylene		0.088 ^J	2.1 ^J	--	--	--	--	0.57 ^J	1.2 ^J	5.5
Benzo(a)pyrene		0.19 ^J	8.3	8.7	--	--	0.7 ^J	1.3 ^J	3	12
Bis(2-Ethylhexyl)phthalate		0.17 ^J	--	--	--	--	--	0.9 ^J	0.32 ^J	1.4 ^J
Chrysene		0.23 ^J	9.7	9.3	--	--	0.77 ^J	1.8	3.2	14
Dibenzo(a,h)anthracene		--	0.76 ^J	--	--	--	--	0.19 ^J	0.24 ^J	1.9 ^J
Dibenzofuran		--	--	--	--	--	--	0.7 ^J	0.46 ^J	--
1,3-Dichlorobenzene		0.21 ^J	2.2 ^J	2.4 ^J	--	--	--	0.65 ^J	--	1.7 ^J
1,4-Dichlorobenzene		0.19 ^J	8.1	9.3	0.053 ^J	--	--	0.83 ^J	--	7.1
Fluorene		0.58	18	18	--	--	0.99 ^J	4.7	10	16
Fluoranthene		0.53	21	24	--	--	0.94 ^J	3.7	7.4	25
Indeno(1,2,3-cd)pyrene		0.076 ^J	1.8 ^J	--	--	--	--	0.55 ^J	0.81 ^J	4.2 ^J
1-Methylnaphthalene		1.5	66	68	--	--	2.2 ^J	--	17	51
2-Methylnaphthalene		0.045 ^J	29	30	--	--	1 ^J	6.3	12	17
Naphthalene		0.53	42	47	--	--	--	3.4	28	31
Phenanthrene		0.93	55	58	--	--	2.3 ^J	8.3	21	45
Pyrene		0.57	18	19	--	--	2.1 ^J	5.2	12	32
1,2,4-Trichlorobenzene		--	0.72 ^J	1.2 ^J	--	--	--	--	--	0.97 ^J
1,3,5-Trichlorobenzene		0.066 ^J	0.53 ^J	0.58 ^J	--	--	--	--	--	--
Total Phenols		0.16	3.3	NA	--	0.93	--	--	0.14	2.9

Notes:

Samples were collected between January 10 and January 21, 1991 and submitted to Compuchem Laboratories, Inc. for analysis of Appendix IX+3 semivolatile constituents.

Only detected constituents are shown.

ppm - Parts per million - dry weight.

-- Indicates not detected at or above the detection level.

RE - Indicates re-extraction of sample.

^J - Value indicates an estimated value below the method detection limit.

^X - Coeluting isomers were noted by the laboratory.

NA - Not analyzed.

**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4**

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO MONITORING WELLS

INORGANICS

Parameter:	Location: Sample Matrix: Depth:	ES2-1 Soil 14-16 ft	ES2-2 Soil 6-8 ft	ES2-3 Soil 14-16 ft	ES2-4 Soil 6-10 ft	ES2-5 Soil 18-20 ft	ES2-6 Soil 14-16 ft.	ES2-6 Soil 42-44 ft	ES2-7 Soil 6-8 ft
Inorganics (ppm)									
Aluminum		8,000	11,000	5,700	10,000	7,900	(3,500)	3,000	13,000
Arsenic		21	26	5.2	12	15	(6.7)	7.0	22
Barium		29	79	--	56	--	(23)	--	46
Beryllium		--	1.0	--	--	--	--	--	--
Cadmium		1.6	17	--	--	1.1	(0.76)	--	1.3
Calcium		65,000	11,000	7,100	11,000	7,400	(3,200)	58,000	5,200
Chromium		--	680	7.5	18	--	--	5.6	40
Cobalt		10	16	--	8.5	8.8	--	--	14
Copper		70	270	12	26	30	(27)	9.9	49
Iron		32,000	30,000	11,000	22,000	5,800	(17,000)	7,400	17,000
Lead		20	8,200	--	38	14	(16)	--	150
Magnesium		3,500	4,200	7,200	11,000	4,600	(2,700)	2,600	11,000
Manganese		1,200	660	170	490	460	(220)	400	570
Mercury		--	1.7	--	--	--	--	--	--
Nickel		18	27	15	15	14	(8.6)	6.1	24
Potassium		--	--	--	670	--	--	--	1,100
Selenium		--	5.2	--	--	--	--	--	--
Silver		2.4	5.5	--	--	--	(1.9)	--	1.7
Vanadium		14	22	8.8	15	11	(7.1)	--	150
Zinc		65	4,000	55	68	41	(36)	22	65
Total Cyanide		1.0	1.3	--	--	--	--	--	6.7
Total Sulfide		NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Samples were collected between January 10 and 21, 1991 and submitted to Compuchem Laboratories, Inc. for analysis of Appendix IX+3 Inorganic constituents.

Only detected constituents are shown.

ppm - Parts per million - dry weight.

-- Indicates not detected at or above the detection level.

NA - Not analyzed.

() - Data presented in parentheses were reported in wet-weight ppm by the analytical laboratory.

ENERGIZER ANY FIELD, ACHU
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

VOLATILE ORGANICS

Parameter	Location: Sample Matrix: Depth:	Y-1 Soil 8-10 R	Y-2 Soil 6-8 R	Y-2 (Dup) Soil 6-8 R	Y-3 Soil 8-10 R	Y-4 Soil 4-6 R	Y-5 Soil 4-6 R	Y-6 Soil 4-6 R	Y-7 Soil 4-6 R	Y-8 Soil 2-4 R	Y-9 Soil 4-6 R	Y-10 Soil 2-4 R	Y-11 Soil 2-4 R	Y-12 Soil 2-4 R	Y-13 Soil 2-4 R
Volatiles (ppm)															
Acetone		0.009 ^{BU}	0.047 ^B	0.069 ^B	0.009 ^{BU}	0.021 ^B	0.022 ^B	0.051 ^B	0.017 ^B	0.015 ^B	0.032 ^B	0.017 ^B	0.011 ^{BU}	0.039 ^B	0.009 ^{BU}
Benzene		--	--	--	--	--	--	--	--	--	0.002 ^J	--	--	--	--
2-Butanone		--	--	--	--	--	--	--	--	--	0.006 ^J	--	--	--	--
Carbon disulfide		--	--	--	--	--	--	--	--	--	0.003 ^J	--	--	--	--
Chlorobenzene		--	--	--	--	--	--	--	--	--	0.013	0.013	--	--	--
1,2-Dichloroethane		--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane (total)		0.008	--	--	--	--	--	--	--	--	0.017	--	--	0.18	--
Ethylbenzene		--	--	--	--	--	0.003 ^J	--	--	--	--	--	--	--	--
Methylene chloride		0.03 ^B	0.039 ^B	0.034 ^B	0.018 ^B	0.029 ^B	0.047 ^B	0.045 ^B	0.031 ^B	0.027 ^B	0.033 ^B	0.016 ^B	0.032 ^B	0.055 ^B	0.028 ^B
Tetrachloroethene		--	--	--	--	--	--	--	--	--	--	--	--	0.004 ^J	--
Toluene		--	--	--	--	--	--	--	--	0.008	0.002 ^J	--	--	0.015	0.006 ^J
Trichloroethene		0.006 ^J	0.032	0.002 ^J	--	0.003 ^J	--	--	--	--	--	--	--	0.007	--
Trichlorofluoromethane		--	--	--	--	--	--	--	--	0.004 ^J	--	--	--	0.004 ^J	--
1,1,2-Trichloro-1,2,2-Trifluoroethane		0.003 ^{BU}	--	--	0.003 ^{BU}	0.003 ^{BU}	0.004 ^{BU}	0.003 ^{BU}	0.004 ^{BU}	--	0.003 ^{BU}	0.005 ^{BU}	--	--	0.004 ^{BU}
Vinyl chloride		--	--	--	--	--	--	--	--	--	0.01 ^J	--	--	--	--
Xylenes (total)		--	--	--	--	--	0.003 ^J	--	--	--	0.008	0.002 ^J	--	--	--

(See Notes on Page 2)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

VOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	Y-14 Soil 4-6 ft	Y-15 Soil 2-4 ft	Y-16 Soil 8-10 ft	Y-17 Soil 2-4 ft	Y-18 Soil 2-4 ft	Y-18 (Dup.) Soil 2-4 ft	Y-19 Soil 10-12 ft	Y-20 Soil 4-6 ft	Y-21 Soil 12-14 ft	Y-22 Soil 0-2 ft	Y-23 Soil 2-4 ft	Y-24 Soil 8-10 ft	Y-26 Soil 2-4 ft	Y-27 Soil 4-6 ft
Volatiles (ppm)															
Acetone		0.015 ^a	0.083	0.025 ^a	--	--	0.011 ^a	0.008 ^d	0.056	0.013 ^a	0.024 ^a	0.018	0.015 ^a	0.02 ^a	0.021 ^a
Benzene		--	--	--	--	--	--	--	0.002 ^d	--	--	--	--	--	--
2-Butanone		--	--	--	--	--	--	--	0.004 ^d	--	--	--	--	--	--
Carbon disulfide		--	--	--	--	--	--	--	0.002 ^d	--	--	--	--	--	--
Chlorobenzene		--	0.27	--	--	--	--	--	0.006	--	--	--	--	--	--
1,2-Dichloroethane		--	--	--	--	--	--	--	0.002 ^d	--	--	--	--	--	--
1,2-Dichloroethene (total)		--	--	--	--	--	--	--	0.002 ^d	--	--	--	--	--	--
Ethylbenzene		--	0.22	--	--	--	--	--	0.003 ^d	--	--	--	--	--	--
Methylene chloride		0.016 ^a	0.094 ^a	0.029 ^a	0.029 ^a	0.04 ^a	0.049 ^a	0.04	0.018 ^a	0.029 ^a	0.064 ^a	0.043	0.028 ^a	0.078 ^a	0.025 ^a
Tetrachloroethene		--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene		0.002 ^d	--	0.001 ^d	--	--	--	--	0.003 ^d	--	--	--	--	--	--
Trichloroethene		--	--	--	--	--	--	--	0.001 ^d	--	--	--	--	--	--
Trichlorofluoromethane		--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-Trifluoroethane		0.004 ^{bl}	--	0.004 ^{bl}	0.003 ^{bl}	--	--	0.003 ^d	--	--	--	--	--	--	--
Vinyl chloride		--	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylenes (total)		--	1.2	--	--	--	--	--	0.012	--	--	--	--	--	--

Notes:

Samples were collected between June 5 and 24, 1991 and submitted to Compuchem Laboratories, Inc. for analysis of Appendix IX+3 volatile constituents.

Only detected constituents are shown.

ppm - Parts per billion.

^a - The analyte was also detected in the associated blank.

^d - Indicates an estimated value less than the CLP required quantitation limit.

-- Indicates not detected at or above the detection level.

Dup. - Indicates duplicate sample.

5/30/92

802T002N

TABLE 4-4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	Y-1 Soil 8-10 ft	Y-2 Soil 6-8 ft	Y-2(DL) Soil 6-8 ft	Y-2 (Dup.) Soil 6-8 ft	Y-2 (Dup.)DL Soil 6-8 ft	Y-3 Soil 8-10 ft	Y-4 Soil 4-6 ft	Y-5 Soil 4-6 ft	Y-5(DL) Soil 4-6 ft	Y-6 Soil 4-6 ft	Y-7 Soil 4-6 ft	Y-8 Soil 2-4 ft	Y-9 Soil 4-6 ft	Y-10 Soil 2-4 ft	Y-11 Soil 2-4 ft	Y-12 Soil 2-4 ft	Y-13 Soil 2-4 ft
Semivolatiles (ppm)																		
Aconaphthene		12	1.8	0.04 ^{DU}	1.7	1.3 ^{DU}	0.2 ^J	3.1 ^J	61	65 ^{DU}	--	0.12 ^J	--	0.25 ^J	0.85	--	--	0.008 ^J
Acetophenone		--	--	--	--	--	--	--	--	--	--	--	--	0.11 ^J	--	--	--	--
Acanaphthylene		4.2	2.5	1.5 ^{DU}	0.89	0.64 ^{DU}	0.14 ^J	--	1.3 ^J	--	--	0.16 ^J	--	0.21 ^J	--	--	--	--
Anilino		4.8	--	--	--	--	0.28 ^J	--	--	--	--	--	--	0.042 ^J	0.1 ^J	--	--	--
Anthracene		3.9	8.8	7.6 ^{DU}	4.5	5.3 ^{DU}	0.06	11	98 ^E	110 ^D	--	0.68 ^J	0.13 ^J	2.1	1.4	0.11 ^J	--	0.21 ^J
4-Aminobiphenyl		--	--	--	--	--	--	--	--	--	--	--	--	0.34 ^J	--	--	--	--
2-Acetylaminofluorene		--	--	--	--	--	--	--	--	--	--	--	--	0.16 ^J	--	--	--	--
Benzidine		--	--	--	--	--	--	--	--	--	--	--	--	2.3	--	--	--	--
Benzo(a)anthracene		14	24 ^E	18 ^D	15 ^E	17 ^D	3.7	33	120 ^E	150 ^D	0.15 ^J	2.5	2.1	0.71	2.2	0.6	--	2.5
Benzo(b)fluoranthene		10	28 ^{EX}	25 ^D	23 ^{EX}	31 ^{XD}	7.6 ^X	48 ^X	180 ^E	190 ^{DX}	0.3 ^{EX}	2	5.3 ^X	1.1	3.9 ^X	1 ^X	--	7.5
Benzo(k)fluoranthene		25	26 ^{EX}	25 ^D	23 ^{EX}	31 ^{XD}	7.6 ^X	48 ^X	180 ^E	190 ^{DX}	0.3 ^{EX}	4.6	5.3 ^X	--	3.9 ^X	1 ^X	--	7.5
Benzo(a)pyrene		23	13 ^E	14 ^D	11	17 ^D	3.7	24	99 ^E	110 ^D	0.18 ^J	2.8	1.6	0.72	2	0.59	--	2.3
Benzoic Acid		--	--	--	0.12 ^J	--	--	--	--	--	--	--	--	--	--	0.066 ^J	--	--
Benzo(g,h,i)perylene		16	6.3	4.6 ^{DU}	5.6	7.8 ^D	1.3	14	40	48 ^{DU}	0.073 ^J	1.1	1.3	0.44	0.62	0.33 ^J	--	2.1
Bis(2-Ethylhexyl)phthalate		6.4 ^B	--	--	--	--	0.5 ^{BU}	0.78 ^{BU}	--	--	0.32 ^{BU}	0.6 ^{BU}	0.45 ^B	0.36 ^{BU}	--	0.41 ^{BU}	0.11 ^{BU}	0.15 ^J
Butylbenzylphthalate		--	--	--	--	--	--	--	--	--	--	--	--	0.32 ^J	--	--	--	--
Chlorobenzilate		--	--	--	--	--	--	--	--	--	--	--	--	0.32 ^J	--	--	--	--
1-Chloronaphthalene		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene		16	20 ^E	18 ^D	14 ^E	18 ^D	3.7	31	120 ^E	140 ^D	0.18 ^J	2.3	2.9	0.77	2.8	0.63	--	3.4
Cyclophosphamide		--	--	--	--	--	--	--	--	--	--	--	--	1 ^J	--	--	--	--

(See Notes on Page 10)

TABLE 4-4
(Cont'd)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	Y-14 Soil 4-6 ft	Y-14(DL) Soil 4-6 ft	Y-15 Soil 2-4 ft	Y-16 Soil 8-10 ft	Y-17 Soil 2-4 ft	Y-18 Soil 2-4 ft	Y-18 (Dup.) Soil 2-4 ft	Y-19 Soil 10-12 ft	Y-20 Soil 4-6 ft	Y-21 Soil 12-14 ft	Y-22 Soil 0-2 ft	Y-22(DL) Soil 0-2 ft	Y-23 Soil 2-4 ft	Y-24 Soil 8-10 ft	Y-26 Soil 2-4 ft	Y-27 Soil 4-6 ft
Semivolatiles (ppm)																	
Acenaphthene		4.9	5.3 ^D	1.3 ^J	—	—	0.16 ^J	0.059 ^J	0.059 ^J	7.7	—	0.12 ^J	—	—	0.052 ^J	—	—
Acetophenone		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acenaphthylene		0.24 ^J	—	—	—	0.045 ^J	0.05 ^J	—	—	0.82 ^J	—	—	—	—	—	—	—
Aniline		—	—	2.5 ^J	—	—	0.14 ^J	—	0.19 ^J	9	—	—	—	—	—	—	—
Anthracene		5.8	8.3 ^D	1.4 ^J	—	0.18 ^J	0.14 ^J	0.047 ^J	0.083 ^J	12	—	0.5	0.37 ^{RV}	—	0.078 ^J	—	—
4-Aminobiphenyl		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2-Acetylaminofluorene		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Benzidine		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Benzo(a)anthracene		12	14 ^D	1.7 ^J	—	1.9	2.6	0.77	0.25 ^J	14	0.11 ^J	0.9 ^E	5.2 ^D	0.064 ^J	0.28 ^J	—	—
Benzo(h)fluoranthene		24 ^E	28 ^D	2.3 ^{MX}	—	3.6	5.8 ^X	1.1	0.59 ^X	26 ^X	0.42 ^X	22 ^{EX}	5.2 ^D	0.16 ^{XX}	0.67 ^X	—	—
Benzo(k)fluoranthene		24 ^E	28 ^D	2.3 ^{MX}	—	3.5	5.8 ^X	0.6	0.59 ^X	26 ^X	0.42 ^X	22 ^{EX}	10 ^D	0.16 ^{XX}	0.67 ^X	—	—
Benzo(a)pyrene		11	14 ^D	1 ^J	—	2.2	2.9	1	0.21 ^J	11	0.12 ^J	8.3 ^E	5.9 ^D	0.066 ^J	0.32 ^J	—	—
Benzoic Acid		—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04 ^J	—
Benzo(g,h,i)perylene		4.1	7.6 ^D	—	—	1.5	1.6	0.45	0.17 ^J	3.7 ^J	0.13 ^J	4.3	5.2 ^D	0.05 ^J	0.24 ^J	—	—
Bis(2-Ethylhexyl)phthalate		0.27 ^J	—	—	0.42	—	—	—	0.066 ^J	18 ^B	0.13 ^{BJ}	0.23 ^{BJ}	—	0.16 ^{BJ}	0.35 ^{BJ}	0.15 ^{BJ}	0.13 ^{BJ}
Butylbenzylphthalate		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chlorobenzilate		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1-Chloronaphthalene		—	—	1.6 ^J	—	—	—	—	—	1.6 ^J	—	—	—	—	—	—	—
Chrysene		11	15 ^D	1.5 ^J	—	2.7	2.6	1.1	0.34 ^J	18	0.22 ^J	8.7 ^E	7.5 ^D	0.078 ^J	0.42	—	—
Cyclophosphamide		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

(See Notes on Page 10)

TABLE 4-4
(Cont'd)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	Y-1 Soil 8-10 ft	Y-2 Soil 6-8 ft	Y-2(DL) Soil 6-8 ft	Y-2 (Dup.) Soil 6-8 ft	Y-2 (Dup.)DL Soil 6-8 ft	Y-3 Soil 8-10 ft	Y-4 Soil 4-6 ft	Y-5 Soil 4-6 ft	Y-5(DL) Soil 4-6 ft	Y-6 Soil 4-6 ft	Y-7 Soil 4-6 ft	Y-8 Soil 2-4 ft	Y-9 Soil 4-6 ft	Y-10 Soil 2-4 ft	Y-11 Soil 2-4 ft	Y-12 Soil 2-4 ft	Y-13 Soil 2-4 ft
Semivolatiles (ppm)																		
Dibenzo(a,h)anthracene		5	3.2	2.2 ^{DU}	3.2	3.4 ^{DU}	0.83	6.2	20	25 ^{DU}	-	0.47 ^J	0.56	0.10 ^J	0.36 ^J	0.16 ^J	--	1
Dibenzofuran		--	1.4	1 ^{DU}	1.1	1.2 ^{DU}	0.17 ^J	--	47	45 ^{DU}	--	0.13 ^J	--	0.31 ^J	0.63	--	--	0.051 ^J
Dimethoate		--	--	--	--	--	--	--	--	--	--	--	--	0.83	--	--	--	--
Di-n-Butylphthalate		2.3	--	--	0.12 ^J	--	--	--	--	--	--	0.11 ^J	0.052 ^J	--	--	0.043 ^J	--	--
Di-n-Octylphthalate		--	--	--	--	--	--	--	--	--	--	--	0.068 ^J	0.042 ^J	--	0.12 ^J	--	--
Diphenylamine		--	--	--	--	--	--	--	--	--	--	--	--	1.1	--	--	--	--
1,2-Dichlorobenzene		--	--	--	--	--	--	--	--	--	--	--	0.058 ^J	0.097 ^J	0.15 ^J	--	--	--
1,3-Dichlorobenzene		--	--	--	--	--	--	--	--	--	--	--	--	0.3 ^J	1.3	--	--	--
3,3'-Dichlorobenzidine		--	--	--	--	--	--	--	--	--	--	--	--	0.4	--	--	--	--
3,3'-Dimethylbenzidine		--	--	--	--	--	--	--	--	--	--	--	--	0.1 ^J	--	--	--	--
3,3'-Dimethoxybenzidine		--	--	--	--	--	--	--	--	--	--	--	--	0.21 ^J	--	--	--	--
4,6-Dinitro-2-methylphenol		--	--	--	--	--	--	--	--	--	--	--	--	0.081 ^J	--	--	--	--
1,4-Dichlorobenzene		0.83	--	--	--	--	--	--	--	--	--	--	--	0.76	2.6	--	--	--
2,4-Dimethylphenol		1.1	--	--	--	--	--	--	1.4 ^J	--	--	--	0.053 ^J	--	0.095 ^J	--	--	--
7,12-Dimethylbenzanthracene		--	--	--	--	--	--	--	--	--	--	--	--	0.065 ^J	--	--	--	--
Fluorene		1.8	3.1	2 ^{DU}	2	1.7 ^{DU}	0.31 ^J	5.9 ^J	67	63 ^{DU}	--	0.19 ^J	--	0.54	1.1	0.049 ^J	--	0.049 ^J
Fluoranthene		13	22 ^E	37 ^D	16 ^E	35 ^D	6.5	55	260 ^E	310 ^D	0.18 ^J	4.2	2.3	1.4	5.2	0.88	--	1.6
Heptachlorocyclohexadiene		--	0.0087 (0.0098)	NA	0.0059	NA	0.0059	--	--	NA	--	--	--	0.00088	--	--	--	--

(See Notes on Page 10)

TABLE 4-4
(Cont'd)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	Y-14 Soil 4-6 ft	Y-14(DL) Soil 4-6 ft	Y-15 Soil 2-4 ft	Y-16 Soil 6-10 ft	Y-17 Soil 2-4 ft	Y-18 Soil 2-4 ft	Y-18 (Dup.) Soil 2-4 ft	Y-19 Soil 10-12 ft	Y-20 Soil 4-6 ft	Y-21 Soil 12-14 ft	Y-22 Soil 0-2 ft	Y-22(DL) Soil 0-2 ft	Y-23 Soil 2-4 ft	Y-24 Soil 6-10 ft	Y-26 Soil 2-4 ft	Y-27 Soil 4-6 ft
Semivolatiles (ppm)																	
Dibenzo(a,h)anthracene		2.6	4.3 ^D	--	--	0.68	0.66	0.17 ^J	0.087 ^J	2.1 ^J	0.053 ^J	1.7	1.8 ^D	--	0.097 ^J	--	--
Dibenzofuran		1.1	1.1 ^{OU}	1.4 ^J	--	--	--	--	0.068 ^J	8.5	--	0.085 ^J	--	--	0.043 ^J	--	--
Dimethoate		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-Butylphthalate		--	--	--	--	--	0.056 ^J	--	0.12 ^J	--	0.041 ^J	--	--	--	--	--	--
Di-n-Octylphthalate		--	--	--	0.084 ^J	--	0.05 ^J	0.038 ^J	--	--	--	--	--	--	--	--	--
Diphenylamine		--	--	--	--	--	--	--	--	4.8	--	--	--	--	--	--	--
1,2-Dichlorobenzene		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene		--	--	1.7 ^J	--	--	--	--	--	0.6 ^J	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3,3'-Dimethylbenzidine		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3,3'-Dimethoxybenzidine		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene		--	--	5.4 ^J	--	--	--	--	--	2.5 ^J	--	--	--	--	--	--	--
2,4-Dimethylphenol		--	--	--	--	--	--	--	0.055 ^J	--	--	--	--	--	--	--	--
7,12-Dimethylbenzanthracene		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene		2.4	2.3 ^{DU}	2.2 ^J	--	--	0.042 ^J	--	0.08 ^J	13	--	0.11 ^J	--	--	0.052 ^J	--	--
Fluoranthene		23 ^F	32 ^D	4.5 ^J	--	3.2	4	1.5	0.42	44	0.24 ^J	12 ^E	6.0 ^D	0.083 ^J	0.85	--	--
Heptachlorodibenzodioxin		--	NA	0.0028	--	--	--	--	--	0.00098 (-)	--	--	NA	--	--	--	--

(See Notes on Page 10)

TABLE 4-4
(Cont'd)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	Y-1 Soil 0-10 ft	Y-2 Soil 6-8 ft	Y-2(DL) Soil 6-8 ft	Y-2 (Dup.) Soil 6-8 ft	Y-2 (Dup.)DL Soil 6-8 ft	Y-3 Soil 8-10 ft	Y-4 Soil 4-6 ft	Y-5 Soil 4-6 ft	Y-5(DL) Soil 4-6 ft	Y-6 Soil 4-6 ft	Y-7 Soil 4-6 ft	Y-8 Soil 2-4 ft	Y-9 Soil 4-6 ft	Y-10 Soil 2-4 ft	Y-11 Soil 2-4 ft	Y-12 Soil 2-4 ft	Y-13 Soil 2-4 ft
<u>Semivolatiles (ppm)</u>																		
Heptachlorodibenzofuran		0.0288	0.0360 (0.0428)	NA	0.0264	NA	0.0025	- (-) (-)	-	NA	-	-	0.00028	0.0028	0.00025	-	-	0.00067
Hexachlorodibenzodioxin		-	0.0077 (0.0109)	NA	0.0071	NA	M	- (-) (-)	-	NA	-	-	-	0.0006	-	-	-	-
Hexachlorodibenzofuran		0.087	0.0662 (0.0741)	NA	0.0516	NA	0.0062	-	0.0047	NA	-	M	0.0013	0.0064	0.00088	0.00041	M	0.0023
Indeno(1,2,3-cd)pyrene		.11	6.4	4.9 ^{DJ}	6	7.6 ^{DJ}	1.5	13	39	46 ^{DJ}	0.062 ^J	1.1	1.1	0.39	0.7	0.3 ^J	-	1.8
Isophorone		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methapyrene		-	-	-	-	-	-	-	-	-	-	-	-	0.61 ^J	-	-	-	-
3-Methylcholanthrene		-	-	-	-	-	-	-	-	-	-	0.098 ^J	-	-	-	-	-	-
1-Methylnaphthalene		-	0.54 ^J	-	0.56 ^J	0.54 ^{DJ}	0.1 ^J	2.1 ^J	29	34 ^{DJ}	-	0.083 ^J	0.081 ^J	1	0.12 ^J	-	-	0.1 ^J
2-Methylnaphthalene		-	0.35 ^J	-	0.41 ^J	-	-	1.1 ^J	18	16 ^{DJ}	-	-	0.049 ^J	0.6	0.086 ^J	-	-	0.068 ^J
2-Methylphenol		-	-	-	-	-	-	0.63 ^J	-	-	-	-	-	0.042 ^J	-	-	-	-
3-Methylphenol		1 ^X	-	-	-	-	-	1.5 ^{XK}	-	-	-	-	0.046 ^{XK}	0.051 ^{XK}	0.36 ^{XK}	-	-	-
4-Methylphenol		1 ^X	-	-	-	-	-	1.5 ^{XK}	-	-	-	-	0.046 ^{XK}	0.051 ^{XK}	0.36 ^{XK}	-	-	-
Naphthalene		1.5	1.6	1.2 ^{DJ}	1.7	1.7 ^{DJ}	0.14 ^J	2.4 ^J	66	72 ^{DJ}	-	0.12 ^J	0.066 ^J	0.46	0.098 ^J	0.003 ^J	-	0.005 ^J
N-Nitrosodiphenylamine(t)		-	-	-	-	-	-	-	-	-	-	-	-	1.1	-	-	-	-
Nitrobenzene		-	-	-	-	-	-	-	-	-	0.1 ^J	-	-	-	-	-	-	-
4-Nitrophenol		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(See Notes on Page 10)

TABLE 4-4
(Cont'd)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	Y-14 Soil 4-6 ft	Y-14(DL) Soil 4-6 ft	Y-15 Soil 2-4 ft	Y-16 Soil 8-10 ft	Y-17 Soil 2-4 ft	Y-18 Soil 2-4 ft	Y-18 (Dup.) Soil 2-4 ft	Y-19 Soil 10-12 ft	Y-20 Soil 4-6 ft	Y-21 Soil 12-14 ft	Y-22 Soil 0-2 ft	Y-22(DL) Soil 0-2 ft	Y-23 Soil 2-4 ft	Y-24 Soil 8-10 ft	Y-26 Soil 2-4 ft	Y-27 Soil 4-6 ft
Semivolatiles (ppm)																	
Haptachlorodibenzofuran		0.0005	NA	M	--	--	--	0.00043	--	0.0053 (0.0048)	--	--	NA	M	-- (-)	--	--
Hexachlorodibenzodioxin		--	NA	--	--	--	--	--	--	0.0012 (-)	--	--	NA	--	-- (-)	--	--
Hexachlorodibenzofuran		0.0022	NA	0.0026	--	M	0.00053	0.0019	M	0.0156 (0.0152)	--	M	NA	0.0013	-- (0.00017)	--	--
Indeno(1,2,3-cd)pyrene		4.6	7.5 ^o	--	--	1.3	1.4	0.39	0.14 ^f	3.9	0.11 ^f	3.3	4 ^o	0.045 ^f	0.21 ^f	--	--
Ianthrone		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methapyrene		--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.15 ^f	--
3-Methylcholanthrene		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene		0.68 ^f	0.6 ^{oa}	1.4 ^f	--	--	--	--	0.32 ^f	7.3	--	0.08 ^f	--	--	--	--	--
2-Methylnaphthalene		0.25 ^f	--	0.78 ^f	--	--	--	--	0.19 ^f	5.2	--	0.048 ^f	--	--	--	--	--
2-Methylphenol		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3-Methylphenol		--	--	--	--	--	--	--	0.088 ^{rx}	0.58 ^{rx}	--	--	--	--	--	--	--
4-Methylphenol		--	--	--	--	--	--	--	0.088 ^{rx}	0.58 ^{rx}	--	--	--	--	--	--	--
Naphthalene		0.088 ^f	--	2.1 ^f	--	--	0.051 ^f	--	0.089 ^f	8.5	--	0.051 ^f	--	--	--	--	--
N-Nitrosodiphenylamine(1)		--	--	--	--	--	--	--	--	4.8	--	--	--	--	--	--	--
Nitrobenzene		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Nitrophenol		0.18 ^f	T	--	--	--	--	--	--	--	--	--	--	--	--	--	--

(See Notes on Page 10)

TABLE 4-4
(Cont'd)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	Y-1 Soil 8-10 ft	Y-2 Soil 6-8 ft	Y-2(DL) Soil 6-8 ft	Y-2 (Dup.) Soil 6-8 ft	Y-2 (Dup.)DL Soil 6-8 ft	Y-3 Soil 8-10 ft	Y-4 Soil 4-6 ft	Y-5 Soil 4-6 ft	Y-5(DL) Soil 4-6 ft	Y-6 Soil 4-6 ft	Y-7 Soil 4-6 ft	Y-8 Soil 2-4 ft	Y-9 Soil 4-6 ft	Y-10 Soil 2-4 ft	Y-11 Soil 2-4 ft	Y-12 Soil 2-4 ft	Y-13 Soil 2-4 ft
Semivolatiles (ppm)																		
Octachlorodibenzodioxin		--	0.0023 (0.0058)	NA	0.0035	NA	0.00047	0.00094 (-) (-)	--	NA	--	--	0.00029	0.00067	--	--	--	0.00053
Octachlorodibenzofuran		0.0252	0.0154 (0.0192)	NA	0.0105	NA	0.0016	-- (-) (-)	--	NA	--	--	--	0.00085	--	--	--	--
p-Dimethylaminoazobenzene		--	--	--	--	--	--	--	--	--	--	--	--	0.39	--	--	--	--
Pentachlorobenzene		--	--	--	--	--	0.076 ^d	--	--	--	--	--	--	--	0.10 ^d	--	--	--
Pentachlorodibenzodioxin		--	0.0025 (0.0030)	NA	0.0039	NA	--	-- (-) (-)	--	NA	--	--	--	--	--	--	--	--
Pentachlorodibenzofuran		0.117	0.0619 (0.0929)	NA	0.0713	NA	0.008	-- (-) (-)	M	NA	--	M	0.0013	0.0053	M	0.00025	M	0.0018
Pentachloronitrobenzene		--	--	--	--	--	--	--	--	--	--	--	--	0.16 ^d	--	--	--	--
Pentachlorophenol		--	--	--	--	--	--	--	--	--	--	--	--	0.3 ^d	--	--	--	--
Phenacetic acid		--	--	--	--	--	--	--	--	--	--	--	--	0.050 ^d	--	--	--	--
Phenanthrene		8.1	25 ^e	35 ^d	15 ^e	21 ^d	4.5	64	270 ^e	500 ^d	0.08 ^d	2.6	0.8	2.2	6.1	0.53	--	1.4
Phenol		4.1	--	--	--	--	--	--	--	--	--	--	--	0.053 ^d	0.13 ^d	--	--	--
Pronamide		--	--	--	--	--	--	--	--	--	--	--	--	0.21 ^d	--	--	--	--
Pyrene		21	38 ^e	48 ^d	22 ^e	33 ^d	4.4	54	180 ^e	320 ^d	0.21 ^d	4.4	2.6	1.6	4	1.1	--	2.2
Tetrachlorodibenzodioxin		--	M (0.0013)	NA	0.0014	NA	--	-- (-) (-)	--	NA	--	--	--	--	--	--	--	--

(See Notes on Page 10)

TABLE 4-4
(Cont'd)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	Y-14 Soil 4-6 ft	Y-14(DL) Soil 4-6 ft	Y-15 Soil 2-4 ft	Y-16 Soil 8-10 ft	Y-17 Soil 2-4 ft	Y-18 Soil 2-4 ft	Y-18 (Dup.) Soil 2-4 ft	Y-19 Soil 10-12 ft	Y-20 Soil 4-6 ft	Y-21 Soil 12-14 ft	Y-22 Soil 0-2 ft	Y-22(DL) Soil 0-2 ft	Y-23 Soil 2-4 ft	Y-24 Soil 8-10 ft	Y-25 Soil 2-4 ft	Y-27 Soil 4-6 ft
Semivolatiles (ppm)																	
Octachlorodibenzodioxin		0.00017	NA	0.009	--	0.00028	0.0012	0.0003	--	0.001 (0.0015)	--	0.00064	NA	--	-- (-)	--	--
Octachlorodibenzofuran		--	NA	--	--	--	--	--	--	0.0019 (0.0018)	--	--	NA	--	-- (-)	--	--
p-Dimethylaminoazobenzene		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pentachlorobenzene		0.27 ^J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pentachlorodibenzodioxin		--	NA	--	--	--	--	--	--	M (-)	--	--	NA	--	-- (-)	--	--
Pentachlorodibenzofuran		0.0015	NA	M	--	M	0.00055	0.0016	--	0.0114 (0.0160)	--	M	NA	0.0009	-- (0.00015)	--	--
Pentachloronitrobenzene		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pentachlorophenol		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenacolin		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene		11	10 ^D	8.4	--	0.88	1.1	0.39	0.42	47	0.087 ^J	4.6	3.4 ^D	--	0.48	--	--
Phenol		--	--	2.8 ^J	--	--	0.047 ^J	--	0.066 ^J	13	--	--	--	--	--	--	--
Pronamide		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene		16 ^E	25 ^D	4.6 ^J	--	2.1	3.2	1.6	0.46	27	0.17 ^J	7 ^L	7.3 ^D	0.082 ^J	0.63	--	--
Tetrachlorodibenzodioxin		--	NA	--	--	--	--	--	--	--	--	--	NA	--	-- (-)	--	--

(See Notes on Page 10)

TABLE 4-4
(Cont'd)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

SEMIVOLATILE ORGANICS

Location: Sample Matrix: Parameter: Depth:	Y-1 Soil 8-10 ft	Y-2 Soil 6-8 ft	Y-2(DL) Soil 6-8 ft	Y-2 (Dup.) Soil 6-8 ft	Y-2 (Dup.)DL Soil 6-8 ft	Y-3 Soil 8-10 ft	Y-4 Soil 4-6 ft	Y-5 Soil 4-6 ft	Y-5(DL) Soil 4-6 ft	Y-6 Soil 4-6 ft	Y-7 Soil 4-6 ft	Y-8 Soil 2-4 ft	Y-9 Soil 4-6 ft	Y-10 Soil 2-4 ft	Y-11 Soil 2-4 ft	Y-12 Soil 2-4 ft	Y-13 Soil 2-4 ft
Semivolatiles (ppm)																	
Tetrachlorodibenzofuran	0.0757	0.083 (0.104)	NA	0.0796	NA	0.0052	- (-) (-)	0.00093	NA	-	-	M	0.0042	M	-	-	0.00021
1,2,4,5-Tetrachlorobenzene	0.96 ^k	-	-	-	-	0.18 ^{pk}	-	-	-	-	-	-	0.097 ^{pk}	-	-	-	-
1,2,3,4-Tetrachlorobenzene	0.88	0.18 ^j	-	0.31 ^j	-	0.2 ^j	-	-	-	-	-	-	0.18 ^j	0.3 ^j	-	-	-
1,2,3,5-Tetrachlorobenzene	0.96 ^k	-	-	-	-	0.18 ^{pk}	-	-	-	-	-	-	0.097 ^{pk}	-	-	-	-
2,3,7,8-Tetrachlorodibenzofuran	0.0147	0.0177 (0.0233)	NA	0.0178	NA	0.001	- (-) (-)	0.00093	NA	-	-	-	0.00084	0.00016	-	-	0.000096
1,2,4-Trichlorobenzene	3.7	0.42 ^j	-	0.71 ^j	0.81 ^{pk}	0.12 ^j	-	-	-	-	-	-	0.35 ^j	0.29 ^j	-	-	-
1,3,5-Trichlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-	0.12 ^j	-	-	-
1,2,3-Trichlorobenzene	0.02	0.12 ^j	-	0.2 ^j	-	-	-	-	-	-	-	-	0.25 ^j	0.063 ^j	-	-	-
1,3,5-Trinitrobenzene	-	-	-	-	-	-	-	-	-	-	-	-	0.1 ^j	-	-	-	-
Total Phenols	0.95	0.27	NA	0.38	NA	0.27	0.2	14	NA	-	-	1.1	0.23	7.3	-	-	0.21

(See Notes on Page 10)

TABLE 4-4
(Cont'd)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	Y-14 Soil 4-6 ft	Y-14(DL) Soil 4-6 ft	Y-15 Soil 2-4 ft	Y-16 Soil 8-10 ft	Y-17 Soil 2-4 ft	Y-18 Soil 2-4 ft	Y-18 (Dup.) Soil 2-4 ft	Y-19 Soil 10-12 ft	Y-20 Soil 4-6 ft	Y-21 Soil 12-14 ft	Y-22 Soil 0-2 ft	Y-22(DL) Soil 0-2 ft	Y-23 Soil 2-4 ft	Y-24 Soil 8-10 ft	Y-26 Soil 2-4 ft	Y-27 Soil 4-6 ft
Semivolatiles (ppm)																	
Tetrachlorodibenzofuran		--	NA	--	--	--	--	0.00032	--	0.0057 (0.0114)	--	--	NA	M	-- (-)	--	--
1,2,4,5-Tetrachlorobenzene		0.15 ^d	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3,4-Tetrachlorobenzene		1.2	1.1 ^{DU}	1.5 ^d	--	--	--	--	--	0.7 ^d	--	--	--	--	--	--	--
1,2,3,5-Tetrachlorobenzene		0.15 ^d	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,3,7,8-Tetrachlorodibenzofuran		--	NA	--	--	--	--	0.000083	--	0.0017 (0.0029)	--	--	NA	M	-- (-)	--	--
1,2,4-Trichlorobenzene		0.46 ^d	0.40 ^{DU}	2.0 ^d	--	--	--	--	0.15 ^d	1.4 ^d	--	--	--	--	--	--	--
1,3,5-Trichlorobenzene		--	--	--	--	--	--	--	--	0.62 ^d	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene		0.31 ^d	--	0.82 ^d	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3,5-Trinitrobenzene		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Phenols		0.75	NA	16	--	--	--	--	--	10	0.19	--	NA	--	--	--	--

Notes:

Samples were collected between June 5 and 24, 1991 and submitted to Compuchem Laboratories, Inc. for analysis of Appendix IX+3 semivolatiles constituents.

Only detected constituents are shown.

DL - Dilution of sample.

ppm - Parts per million - dry weight.

-- Indicates not detected at or above the detection level.

^D - Compounds identified at a secondary dilution factor.

^d - Value indicates an estimated value less than the CLP required quantitation limit.

^E - The compound concentrations exceed calibration range of the GC/MS instrument for that specific analysis.

^x - Coeluting isomers were noted by the laboratory.

^A - The analyte was also detected in the associated blank.

NA - Not analyzed.

(-) - Re-analysis of dioxin/furan compounds for a sample result

M - Indicates a presence was noted but not at a level that the laboratory could provide a definite identification or quantity.

(1) - Cannot be separated from Diphenylamine.

Dup. - Indicates duplicate sample.

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

INORGANICS

Parameter:	Location: Sample Matrix: Depth:	Y-1 Soil 0-10 ft	Y-2 Soil 0-5 ft	Y-2 (Dup) Soil 0-10 ft	Y-3 Soil 0-10 ft	Y-4 Soil 4-6 ft	Y-5 Soil 4-6 ft	Y-6 Soil 4-6 ft	Y-7 Soil 4-6 ft	Y-8 Soil 2-4 ft	Y-9 Soil 4-6 ft	Y-10 Soil 2-4 ft	Y-11 Soil 2-4 ft	Y-12 Soil 2-4 ft	Y-13 Soil 2-4 ft
Inorganics (ppm)															
Aluminum		8,350	8,090	8,870	7,880	8,340	6,030	8,360	19,300	9,670	8,310	2,980	9,780	8,260	13,800
Arsenic		9.1	—	7.3	5.9	22.3	10.1	3.6	6.3	10.1	22.0	76.5	5.6	10.5	4.9
Antimony		19.5	170	36.3	—	—	—	—	—	—	—	13 ¹	—	—	—
Barium		505	271	162	115	8,720	135	61.7	94.2	61.5	225	66.4	38.2	58.4	49.6
Beryllium		0.26 ¹	0.27 ¹	0.29 ¹	0.29 ¹	0.60	0.24 ¹	0.27 ¹	0.50 ¹	0.28 ¹	0.13 ¹	—	0.31 ¹	0.23 ¹	0.37 ¹
Cadmium		2.2	4.4	4.7	1.3	2.0	3.1	0.59 ¹	1.2	5.4	2.5	2.5	—	0.56	0.93
Calcium		14,600	11,500	10,100	14,500	40,500	18,100	8,560	44,700	4,460	33,900	12,700	3,600	11,400	17,500
Chromium		75.4	66.7	78.8	41.8	17.2	30.8	16.2	14.2	13.5	29.6	366	12.0	12.2	19.4
Cobalt		12.5	11.2	9.3	8.1	7.2	5.9 ¹	9.1	8.1	10.9	29.4	33.9	9.7	10	8.0
Copper		939	860	607	331	237	527	126	191	86.2	1,500	1,370	15.5	117	206
Iron		34,200 ¹	27,900 ¹	21,000 ¹	21,900 ¹	17,700 ¹	18,700 ¹	26,800 ¹	23,000 ¹	24,600 ¹	66,700 ¹	273,000 ¹	18,500 ¹	29,300 ¹	22,000 ¹
Lead		1,420	1,490	1,040	610	140	769	695	90.2	56.6	654	522	40.4	91.8	67.6
Magnesium		7,460	8,760	8,570	10,000	7,560	4,520	6,170	24,800	3,760	18,300	1,630	4,480	5,920	11,000
Manganese		574	574	406	373	291	250	303	1,530	364	728	7,490	219	650	454
Mercury		0.67	0.35	0.44	0.62	—	0.14	—	—	—	0.21	1.7	0.14	—	—
Nickel		49.4 ¹	47.1 ¹	41.8 ¹	30.7 ¹	19.0 ¹	20.6 ¹	18.0 ¹	12.0 ¹	12.2 ¹	53.6 ¹	346	14.3 ¹	14.2 ¹	16.5 ¹
Potassium		643	487 ¹	650	580	715	408 ¹	634	2,240	928	911	383 ¹	694	663	1,100
Selenium		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Silver		2.0	2.7	1.3	—	—	—	—	—	—	—	—	—	—	—
Sodium		170 ¹	180 ¹	164 ¹	115 ¹	195 ¹	157 ¹	194 ¹	664	141 ¹	201 ¹	807 ¹	204 ¹	180 ¹	168 ¹
Vanadium		16.2	14.8	15.5	12.4	20.5	18.3	14.9	25.0	21.6	22.8	21.1	13.8	18.0	23.7
Zinc		2,070	1,870	1,350	548	2,090	656	178	140	232	1,240	434	79.4	109	209
Total Cyanide		—	—	—	—	—	0.78 ¹	—	—	—	—	0.61 ¹	—	—	—
Total Sulfide		166	16	18.3	—	180	189	—	274	—	57.2	30.1	—	—	—

(See notes on Page 2)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

Parameter:	Location: Sample Matrix: Depth:	Y-14 Soil 4-6 ft	Y-15 Soil 2-4 ft	Y-16 Soil 8-10 ft	Y-17 Soil 2-4 ft	Y-18 Soil 2-4 ft	Y-18 (Dup.) Soil 2-4 ft	Y-19 Soil 10-12 ft	Y-20 Soil 4-6 ft	Y-21 Soil 12-14 ft	Y-22 Soil 0-2 ft	Y-23 Soil 2-4 ft	Y-24 Soil 8-10 ft	Y-26 Soil 2-4 ft	Y-27 Soil 4-6 ft
Inorganics (ppm)															
Aluminum		12,400	5,160	1,670	8,630	7,890	2,610	5,150	11,500	16,100	7,760	7,630	12,200	15,100	11,400
Arsenic		12.5	14.4	7.6	5.9	13.1	8.4	4.3 ^u	13.5	11.9	13.3	9.8 ^u	5.1	5.7	8.5
Antimony		40.3	--	--	--	--	--	--	--	--	--	--	--	--	--
Barium		48.3	106	10.0 ^u	32.4 ^u	39.9 ^u	11.8 ^u	38.1	71.7	27.5 ^u	36.2 ^u	87	35.7 ^u	44.2 ^u	23.3 ^u
Beryllium		0.18 ^u	--	--	0.32 ^u	0.35 ^u	0.11 ^u	0.15 ^u	0.63 ^u	--	0.31 ^u	0.42 ^u	0.32 ^u	0.34 ^u	--
Cadmium		1.1	1.9	--	1.5	--	--	--	1.4	--	--	--	--	--	--
Calcium		27,900	10,900	14,900	11,100	14,300	1,720	2,930	49,200	1,880	5,430	2,600	3,560	2,470	785 ^u
Chromium		33.6	212	3.2	9.9	17.3	5.4	8	8,810	17.8	12.2	82.9	13.7	15.4	11.3
Cobalt		34.8	11.9	1.9 ^u	5.2 ^u	7.6 ^u	2.6 ^u	10.2	14.8	14.6	7.3 ^u	12.8	14.5	12.7	11.8
Copper		288	348	193	578	236	46.1	86.3	1,710	208	124	188	32.4	36.9	24.6
Iron		34,400 ^l	81,700	6,830 ^l	20,900	24,100	19,100	14,300	50,800	33,200	34,500	34,200	28,500	28,700	25,800
Lead		208	989	43.5	79.6	63	73.4	70.7	34,400	19.8	64.7	181	32.5	36.9	17.1
Magnesium		16,000	3,170	8,650	6,590	8,490	1,140	2,580	11,400	6,680	3,130	2,490	6,720	5,360	5,280
Manganese		982	968	90.7	357	749	199	607	1,760	891	481	696	693	913	670
Mercury		2.0	2.2	--	--	5.3	0.16	0.29	2.6	--	0.16	0.62	--	--	--
Nickel		37.0 ^l	102	4.5 ^u	0.8	12.8	4.7	11.8	153	27.9	9.9	183	23.3	24	21
Potassium		583 ^u	250 ^u	--	1,040 ^u	731 ^u	225 ^u	342 ^u	1,000 ^u	739 ^u	648 ^u	703 ^u	621 ^u	802 ^u	495 ^u
Selenium		0.44 ^u	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver		--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sodium		162 ^u	323 ^u	136 ^u	345 ^u	454 ^u	137 ^u	238 ^u	430 ^u	223 ^u	317 ^u	425 ^u	313 ^u	319 ^u	316 ^u
Vanadium		18.7	13.9	2.4 ^u	16.8	15.9	8.4	6.2	27.8	14.5	18.8	13.4	12.3	15	9.9 ^u
Zinc		282	617	75.5	683	212	128	83.3	4,800	89.4	75.8	217	88	107	50.4
Total Cyanide		--	1.1	--	--	--	--	--	2.1	--	--	--	--	--	--
Total Sulfide		--	113	21.3	--	--	--	--	20.7	--	--	--	--	--	--

Notes:

Samples were collected between June 5 and 24, 1991 and submitted to Compuchem Laboratories, Inc. for analysis of Appendix IX+3 inorganic constituents.

Only detected constituents are shown.

ppm - parts per million - dry weight.

-- Indicates not detected at or above the detection level.

^u - Indicates an estimated value between the CLP required detection limit and the instrument detection limit.

^l - A chemical or physical interference effect was encountered during the analysis of the flagged analyte.

Dup. - Indicates duplicate sample.

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

PESTICIDES/PCBs/HERBICIDES

Location:	Y-1	Y-2	Y-2 (Dup.)	Y-3	Y-4	Y-5	Y-6	Y-7	Y-8	Y-9	Y-10	Y-11	Y-12	Y-15
Sample Matrix:	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Depth:	8-10 ft	6-8 ft	6-8 ft	8-10 ft	4-6 ft	4-6 ft	4-6 ft	4-6 ft	2-4 ft	4-6 ft	2-4 ft	2-4 ft	2-4 ft	4-6 ft
Parameter:														
<u>Pesticides/PCBs/Herbicides</u> (ppm)														
PCB-1254	220	77	98	34	--	240	2.0	1.6	3.9	60	--	13	43	--
PCB-1260	--	20	20	22	--	--	0.68	0.87	7.3	36	48	15	--	1.7
Total PCBs	220	97	118	56	--	240	2.68	2.47	11.2	105	48	28	43	1.7
Delta-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aldrin	--	--	--	--	0.26	--	--	--	--	--	--	--	--	--
Dieldrin	--	--	--	--	--	--	--	--	--	--	--	--	--	--
p',p'-Methoxychlor	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Location:	Y-14	Y-15	Y-16	Y-17	Y-18	Y-18 (Dup.)	Y-19	Y-20	Y-21	Y-22	Y-23	Y-24	Y-26	Y-27
Sample Matrix:	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Depth:	4-6 ft	2-4 ft	8-10 ft	2-4 ft	2-4 ft	2-4 ft	10-12 ft	4-6 ft	12-14 ft	0-2 ft	2-4 ft	8-10 ft	2-4 ft	4-6 ft
Parameter:														
<u>Pesticides/PCBs/Herbicides</u> (ppm)														
PCB-1254	19	100	0.1	7.3	7.7	--	42	--	--	--	0.62	2.7	--	--
PCB-1260	10	39	--	--	3.9	3.1	4.7	54	0.5	--	0.68	0.85	--	--
Total PCBs	29	139	0.1	7.3	11.6	3.1	46.7	54	0.5	--	1.3	3.55	--	--
Delta-BHC	--	--	--	--	--	--	--	0.16	--	--	--	--	--	--
Aldrin	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dieldrin	--	--	--	--	--	--	--	--	--	0.0052	--	--	--	--
p',p'-Methoxychlor	--	--	--	--	--	--	--	--	--	0.024	--	--	--	--

Notes:

Samples were collected between June 5 and 24, 1991 and submitted to Compuchem Laboratories, Inc. for analysis of Appendix IX+3 Pesticide, PCB, and herbicide constituents.

Only detected constituents are shown.

ppm - Parts per million - dry weight.

-- Indicates not detected at or above the detection level.

Dup. - Indicates duplicate sample.

GENERAL ELECTRIC COMPANY – PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF USEPA AREA 4 SOIL BORING DATA

SEMIVOLATILE ORGANICS

LOCATION:	RF-1	RF-2	RF-3	RF-4	RF-4 Dup.	RF-16	RF-16 Dup.
SAMPLE MATRIX:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
DEPTH:	(12-14 FT.)	(0-2 FT.)	(8-10 FT.)	(10-12 FT.)	(10-12 FT.)	(4-6 FT.)	(4-6 FT.)
SEMIVOLATILES (PPM)							
Acenaphthylene	--	0.42	--	0.17J	0.047J	--	--
Anthracene	--	0.27J	--	0.082J	--	--	--
Benzo(a)Anthracene	--	3.7	0.28J	0.86	0.029J	--	--
Benzo(b)Fluoranthene	0.078JX	4.5	0.35J	1.2	0.22J	--	--
Benzo(k)Fluoranthene	0.078JX	2.4	0.16J	2.1	0.33J	--	--
Benzo(g,h,i)Perylene	--	1.9	0.13J	0.29J	0.13J	--	--
Benzo(a)Pyrene	0.078J	4	0.26J	0.77	0.29J	--	--
Benzoic Acid	--	--	--	0.041J	--	--	--
Bis(2-Ethylhexyl)Phthalate	--	0.11J	--	0.37BJ	0.28BJ	0.052J	0.33J
Butylbenzylphthalate	--	--	--	0.57	--	--	--
Chrysene	--	3.6	0.3J	0.8	0.27J	0.081J	--
Dibenz(a,h)Anthracene	--	0.61	--	0.12J	--	--	--
Di-n-Butylphthalate	--	--	--	0.064J	--	--	--
Di-n-Octyl Phthalate	--	--	--	--	--	--	0.046J
Dibenzofuran	--	--	--	--	--	0.23J	--
Fluoranthene	--	5.3	0.45	1.1	0.34J	0.94	--
Fluorene	--	0.049J	--	0.051J	0.051J	--	--
Indeno(1,2,3-cd)Pyrene	--	2	0.13J	0.25J	0.10J	--	--
Naphthalene	--	0.095J	--	--	--	--	--
Phenanthrene	--	1.1	0.2J	0.47	0.23J	3.5	--
Pyrene	--	4.9	0.4	1.2	0.56	0.084J	--
1-Methylnaphthalene	--	--	--	--	0.046J	--	--

Notes:

Samples were collected from borings RF-1, RF-2, RF-3, and RF-16 between October 22 and 25, 1991. Samples were collected from boring RF-4 on June 11, 1991.

All samples were submitted to CompuChem Laboratories for analysis of Appendix IX+3 semivolatile constituents.

Only detected constituents are shown.

Dup. = Indicates duplicate sample.

ppm = Parts per million.

-- = Indicates not detected at or above the detection level.

J = Value indicates an estimated value less than the CLP required quantitation limit.

X = Coeluting isomers were noted by the laboratory.

B = The analyte was also detected in the associated blank.

TABLE 4-17

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

VOLATILE ORGANICS

RAP 4

Parameter:	Location: Sample Matrix: Depth:	X-1 Soil 2-4 ft	X-4 Soil 4-6 ft	X-5 Soil 8-10 ft	X-6 Soil 4-6 ft	X-7 Soil 6-8 ft	X-8 Soil 2-4 ft	X-8 (Dup.) Soil 2-4 ft	X-9 Soil 8-10 ft	X-10 Soil 2-4 ft	X-10(RE) Soil 2-4 ft
Volatiles (ppm)											
Acetone		0.01 ^J	--	--	0.02	0.16 ^A	0.018 ^A	0.040 ^A	0.023 ^B	0.01 ^{BJ}	0.024 ^{BD}
Benzene		--	--	--	--	0.025 ^J	--	--	0.003 ^J	0.001 ^J	--
Chlorobenzene		0.12	92	2.9	--	0.73	--	--	0.004 ^J	0.35 ^E	0.06 ^{EX}
Chloroform		--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane		--	--	0.31 ^J	--	--	--	--	--	--	--
Ethylbenzene		--	5.9	--	--	0.14	0.019	0.025	0.002 ^J	0.007	0.01 ^{BJ}
Methylene chloride		0.011 ^{BJ}	0.61 ^J	1.5 ^J	0.035 ^B	0.1 ^B	0.016 ^B	0.027 ^B	0.02 ^B	0.02 ^B	0.039 ^{BD}
Styrene		--	--	--	--	--	0.002 ^J	0.001 ^J	--	--	--
Toluene		--	--	0.34 ^J	--	0.009 ^J	0.001 ^J	0.002 ^{BJ}	--	--	--
Trichloroethane		--	--	0.48 ^J	--	--	--	--	--	--	--
Trichlorofluoromethane		--	--	--	--	--	--	--	--	--	0.003 ^{BJ}
1,1,2-Trichloro-1,2,2-trifluoroethane		--	--	--	--	0.019 ^{BJ}	0.005 ^{BJ}	0.003 ^{BJ}	0.005 ^{BJ}	--	--
Xylenes (total)		0.004 ^J	32	1 ^J	--	0.28	0.008	0.008	--	0.015	0.024 ^D

(See Notes on Page 2)

TABLE 4-17
(Cont'd.)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

VOLATILE ORGANICS

Parameter:	Location:	X-11	X-12	X-13	X-14	X-15	X-16	X-17	X-18	X-19	X-20
	Sample Matrix: Depth:	Soil 4-8 ft	Soil 8-10 ft	Soil 0-2 ft	Soil 4-6 ft	Soil 8-10 ft	Soil 8-10 ft	Soil 0-2 ft	Soil 14-16 ft	Soil 8-10 ft	Soil 10-12 ft
<u>Volatiles (ppm)</u>											
Acetone		0.028 ^a	0.23	--	0.000 ^{BJ}	0.000 ^{BJ}	0.01 ^f	--	0.029	--	--
Benzene		--	--	--	--	--	--	--	0.001 ^f	100	--
Chlorobenzene		--	--	--	--	--	--	--	--	--	--
Chloroform		--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane		--	--	--	--	--	--	--	--	--	--
Ethylbenzene		--	--	--	--	--	--	--	0.003 ^f	41	0.64 ^f
Methylene chloride		0.024 ^a	0.09 ^b	0.000 ^{BJ}	0.016 ^a	0.012 ^{BJ}	0.011 ^{BJ}	0.01 ^{BJ}	0.014 ^a	0.3 ^{BJ}	0.8 ^{BJ}
Styrene		--	--	--	0.002 ^f	--	--	--	--	160	1.0
Toluene		--	--	--	--	--	--	--	--	240	--
Trichloroethene		--	--	--	--	--	--	--	--	--	--
Trichlorofluoromethane		--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane		0.004 ^{BJ}	--	--	--	--	--	--	--	--	--
Xylenes (total)		--	--	--	--	--	--	--	--	200	4.2

Notes:

Samples were collected between June 25 and July 10, 1991 and submitted to Compuchem Laboratories, Inc. for analysis of Appendix IX+3 volatile constituents.

Only detected constituents are shown.

RE - Indicates re-extraction of sample.

ppm - Parts per million.

-- Indicates not detected at or above the detection level.

^f - Value indicates an estimated value less than the CLP required quantitation limit.

^a - The analyte was also detected in the associated blank.

^b - Compounds identified at a secondary dilution factor.

^c - The compound concentrations exceeded the calibration range of the GC/MS instrument for that specific analysis.

Dup. - Indicates duplicate sample.

TABLE 4-18

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	X-1 Soil 2-4 ft	X-4 Soil 4-6 ft	X-5 Soil 8-10 ft	X-6 Soil 4-6 ft	X-7 Soil 6-8 ft	X-7(DL) Soil 6-8 ft	X-8 Soil 2-4 ft	X-8 (Dup.) Soil 2-4 ft	X-8DL (Dup.) Soil 2-4 ft	X-9 Soil 8-10 ft	X-10 Soil 2-4 ft	X-11 Soil 4-6 ft	X-12 Soil 8-10 ft
Semivolatiles (ppm)														
Acenaphthene		1.8 ^J	0.81 ^J	0.40 ^J	0.33 ^J	50	32 ^D	1.6 ^J	2.3	2.1 ^{DJ}	0.11 ^J	--	--	--
Acephenone		--	--	--	--	--	--	0.38 ^J	0.45 ^J	0.31 ^{DJ}	--	--	--	--
Aconaphthylene		--	0.36 ^J	--	1.6 ^J	15	10 ^{DJ}	3.9	3.2	3.3 ^D	0.14 ^J	0.93 ^J	--	--
Aniline		0.94 ^J	17	6.7	--	--	--	--	--	--	--	--	--	--
Anthracene		2 ^J	1.5 ^J	0.67 ^J	0.84 ^J	32	10 ^D	5.5	2.9	3.0 ^D	0.42 ^J	--	--	--
Benzo(a)anthracene		2.6 ^J	4.5	2.2 ^J	3.2	24	14 ^D	13	8.8	8 ^D	0.73	2.2 ^J	0.054 ^J	--
Benzo(b)fluoranthene		4.4 ^K	8.7 ^K	5.3 ^J	7.1	32 ^X	17 ^{DX}	23 ^X	18 ^{EX}	10 ^D	1.1 ^X	2.1 ^J	0.099 ^{DX}	--
Benzo(k)fluoranthene		4.4 ^K	8.7 ^K	5.3 ^X	7.1	32 ^X	17 ^{DX}	23 ^X	18 ^{EX}	10 ^{DX}	1.1 ^X	3.1 ^J	0.099 ^{DX}	--
Benzoic Acid		--	--	--	--	--	--	--	3.1 ^J	--	--	--	--	--
Benzo(g,h,i)perylene		--	1.5 ^J	1 ^J	2.3	7.1	4.8 ^{DJ}	5.2	3	2.4 ^{DJ}	0.29 ^J	1.3 ^J	--	--
Benzo(a)pyrene		1.0 ^J	4	2.1 ^J	4.5	22	12 ^D	11	7.2	8.2 ^{DX}	0.64	2.5 ^J	0.046 ^J	--
Benzyl Chloride		--	--	--	--	--	--	--	0.09 ^J	--	--	--	--	--
Bis(2-Ethylhexyl)phthalate		0.64 ^J	0.73 ^{KJ}	--	0.32 ^{KJ}	2.2 ^{DJ}	--	0.51 ^{KJ}	0.24 ^{KJ}	0.34 ^{KDJ}	0.22 ^J	0.40 ^J	0.11 ^J	--
Butylbenzylphthalate		--	1.4 ^J	--	1.1 ^J	1.9 ^J	--	--	--	--	--	--	--	--
2-Chlorophenol		0.95 ^J	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene		2.5 ^J	4.6	2.6 ^J	3.8	25	14 ^D	11	6.5	--	0.65	2.6 ^J	--	--
Dibenzo(a,h)anthracene		--	0.88 ^J	--	0.92 ^J	3.5 ^J	2.4 ^{DJ}	1.4 ^J	0.98	0.75 ^{DS}	0.083 ^J	--	--	--
Dibenzofuran		0.72 ^J	0.78 ^J	0.41 ^J	--	4.6 ^J	2.7 ^{DJ}	2.6 ^J	0.92	0.87 ^{DJ}	0.054 ^J	--	--	--
Di-n-Butylphthalate		2.8 ^J	4.1	--	--	--	--	1.2 ^J	0.46 ^J	0.47 ^{DJ}	--	--	--	--
Di-n-Octyl Phthalate		--	--	--	--	--	--	--	--	7.5 ^D	--	--	--	--

(See Notes on Page 8)

TABLE 4-18
(Cont'd.)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	X-13 Soil 0-2 ft	X-14 Soil 4-6 ft	X-14(DL) Soil 4-6 ft	X-15 Soil 8-10 ft	X-16 Soil 8-10 ft	X-17 Soil 0-2 ft	X-18 Soil 14-16 ft	X-18(DL) Soil 14-16 ft	X-19 Soil 8-10 ft	X-19(DL) Soil 8-10 ft	X-20 Soil 10-12 ft	X-20(DL) Soil 10-12 ft
<u>Semivolatiles (ppm)</u>													
Acenaphthene		--	0.7	--	--	--	--	9.8	11 ^D	1,600	2,500 ^{DJ}	2.4	--
Acetophenone		--	21	--	0.059 ^J	--	--	--	--	--	--	--	--
Acenaphthylene		0.045 ^J	23	--	0.35 ^J	--	--	4.9	5.3 ^D	12,000 ^E	16,000 ^D	17 ^K	12 ^{DJ}
Aniline		--	--	--	--	--	--	--	--	--	--	--	--
Anthracene		--	12	--	0.24 ^J	--	--	4.4	7.4 ^D	6,200	8,200 ^D	6.8	5.5 ^{DJ}
Benzo(a)anthracene		0.18 ^I	66	580 ^D	0.91	0.053 ^J	--	5.2	5.5 ^D	4,100	4,500 ^{DJ}	7.3	6.2 ^{DJ}
Benzo(b)fluoranthene		0.5 ^X	120 ^{DX}	--	1.2 ^X	0.045 ^{XK}	--	5.2 ^X	5.8 ^{DX}	3,600	4,200 ^{DXK}	6.9 ^X	2.7 ^{DJ}
Benzo(k)fluoranthene		0.5 ^X	120 ^{DX}	--	1.2 ^X	0.045 ^{XK}	--	5.2 ^X	5.8 ^{DX}	3,600	4,200 ^{DXK}	6.9 ^X	--
Benzoic Acid		0.084 ^{IJ}	6.9 ^{DJ}	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene		0.16 ^J	45	--	0.47	--	--	2.4	1.8 ^{DJ}	1,100	950 ^{DJ}	1.9	--
Benzo(a)pyrene		0.23 ^J	21	--	0.66	0.048 ^J	--	4.8	5.3 ^D	3,300	4,000 ^{DJ}	4.9	3.2 ^{DJ}
Benzyl Chloride		--	--	--	--	--	--	--	--	--	--	--	--
Bis(2-Ethylhexyl)phthalate		0.15 ^J	--	--	0.2 ^J	0.15 ^{IJ}	0.088 ^{IJ}	0.28 ^{IJ}	--	--	--	--	--
Butylbenzylphthalate		--	--	--	--	--	--	--	--	--	--	--	--
2-Chlorophenol		--	--	--	--	--	--	--	--	--	--	--	--
Chrysene		0.23 ^J	86 ^E	510 ^D	0.77	0.063 ^J	--	5	5.4 ^D	2,800	4,100 ^{DJ}	6.2	4.1 ^{DJ}
Dibenzo(a,h)anthracene		--	11	--	0.11 ^J	--	--	0.7 ^J	0.52 ^{DJ}	350 ^J	--	0.37 ^J	--
Dibenzofuran		--	14	--	--	--	--	0.79	0.81 ^{DJ}	1,500	1,700 ^{DJ}	1.3	--
Di-n-Butylphthalate		--	--	--	--	--	--	--	--	--	--	--	--
Di-n-Octyl Phthalate		0.06 ^J	--	--	--	--	--	--	--	--	--	--	--

(See Notes on Page 8)

TABLE 4-18
(Cont'd.)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	X-1 Soil 2-4 ft	X-4 Soil 4-6 ft	X-5 Soil 8-10 ft	X-6 Soil 4-6 ft	X-7 Soil 6-8 ft	X-7(DL) Soil 6-8 ft	X-8 Soil 2-4 ft	X-8 (Dup.) Soil 2-4 ft	X-8DL (Dup.) Soil 2-4 ft	X-9 Soil 8-10 ft	X-10 Soil 2-4 ft	X-11 Soil 4-6 ft	X-12 Soil 8-10 ft
<u>Semivolatiles (ppm)</u>														
Diphenylamine		--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene		1.6 ^f	0.54 ^f	3 ^f	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene		2.4 ^f	5.2	9.8	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene		6.2	14	54	--	1.8 ^f	--	--	--	--	--	--	--	1.4 ^f
2,4-Dimethylphenol		--	1.1 ^f	1.4 ^f	--	--	--	0.099 ^f	--	--	--	--	--	--
Fluorene		1.2 ^f	1.5 ^f	0.8 ^f	0.76 ^f	45	27 ^D	3.4 ^f	3.7	3.6 ^f	0.35 ^f	--	--	--
Fluoranthene		5.3 ^f	8.6	2.6 ^f	3.8	47	27 ^D	20	10	12 ^D	1.3	4.2	0.058 ^f	--
Heptachlorodibenzofuran		0.0034	0.00084	0.201 (0.167)	0.0202	0.00079 (-)	NA	--	--	NA	--	--	--	--
Heptachlorodibenzodioxin		0.001	--	0.0398 (0.0363)	--	(-)	NA	--	--	NA	--	--	--	--
Hexachlorodibenzodioxin		--	--	0.0199 (M)	--	(-)	NA	--	--	NA	--	--	--	--
Hexachlorodibenzofuran		0.0087	0.0011	0.582 (0.458)	0.0144	0.00093 (-)	NA	0.002	0.0016	NA	0.00043	M	--	--
Indeno(1,2,3-cd)pyrene		--	1.6 ^f	0.98 ^f	1.8 ^f	6.3	4.3 ^{DJ}	4.3	2.6	2.2 ^{DJ}	0.25 ^f	0.95 ^f	--	--
1-Methylnaphthalene		0.88 ^f	0.65 ^f	0.48 ^f	1.2 ^f	120 ^E	73 ^D	2.7 ^f	9.3	8.3 ^D	0.58	--	--	--
2-Methylnaphthalene		--	0.47 ^f	--	0.61 ^f	71	47 ^D	1.4 ^f	0.89	0.73 ^{DJ}	0.28 ^f	--	--	--
2-Methylphenol		--	0.52 ^f	--	--	--	--	--	--	--	--	--	--	--

(See Notes on Page 8)

TABLE 4-18
(Cont'd.)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Metrc: Depth:	X-13 Soil 0-2 ft	X-14 Soil 4-6 ft	X-14(DL) Soil 4-6 ft	X-15 Soil 8-10 ft	X-16 Soil 8-10 ft	X-17 Soil 0-2 ft	X-18 Soil 14-16 ft	X-18(DL) Soil 14-16 ft	X-19 Soil 8-10 ft	X-19(DL) Soil 8-10 ft	X-20 Soil 10-12 ft	X-20(DL) Soil 10-12 ft
Semivolatiles (ppm)													
Diphenylamine		--	--	--	--	--	--	--	--	100 ^M	--	--	--
1,2-Dichlorobenzene		--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene		--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene		--	--	--	--	--	--	0.62 ^J	0.58 ^{LU}	--	--	--	--
2,4-Dimethylphenol		--	--	--	--	--	--	--	--	--	--	--	--
Fluorene		--	57	--	0.14 ^J	--	--	6.6	11 ^D	9,000	10,000 ^D	12	8 ^{LU}
Fluoranthene		0.32 ^J	180 ^E	1,100 ^D	0.95	0.091 ^J	--	10	11 ^D	5,800	7,400 ^D	12	7.6 ^{LU}
Heptachlorodibenzofuran		0.0012	--	NA	--	--	--	--	NA	--	NA	--	NA
Heptachlorodibenzodioxin		M	--	NA	--	--	--	--	NA	--	NA	--	NA
Hexachlorodibenzodioxin		--	--	NA	--	--	--	--	NA	--	NA	--	NA
Hexachlorodibenzofuran		0.00082	--	NA	--	--	--	--	NA	--	NA	--	NA
Indeno(1,2,3-cd)pyrene		0.12 ^J	29	--	0.34 ^J	--	--	1.5	1.3 ^{LU}	810	--	1.5	--
1-Methylnaphthalene		--	350 ^E	2,700 ^D	0.13 ^J	--	--	26 ^E	30 ^D	59,000 ^E	67,000 ^D	140 ^K	130 ^D
2-Methylnaphthalene		--	260 ^E	1,800 ^D	0.049 ^J	--	--	12	14 ^D	29,000 ^E	39,000 ^D	89 ^E	100 ^D
2-Methylphenol		--	--	--	--	--	--	--	--	--	--	--	--

(See Notes on Page 8)

TABLE 4-18
(Cont'd.)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	X-1 Soil 2-4 ft	X-4 Soil 4-6 ft	X-5 Soil 8-10 ft	X-6 Soil 4-6 ft	X-7 Soil 6-8 ft	X-7 (DL) Soil 6-8 ft	X-8 Soil 2-4 ft	X-8 (Dup.) Soil 2-4 ft	X-8DL (Dup.) Soil 2-4 ft	X-9 Soil 8-10 ft	X-10 Soil 2-4 ft	X-11 Soil 4-6 ft	X-12 Soil 6-10 ft
Semivolatiles (ppm)														
3-Methylphenol		--	1.0 ^X	1.5 ^{AX}	--	--	--	--	--	--	--	--	--	--
4-Methylphenol		--	1.0 ^X	1.5 ^{AX}	--	--	--	--	--	--	--	--	--	--
Naphthalene		0.74 ^I	2.2	0.53 ^J	0.84 ^J	110 ^E	81 ^D	2.2 ^J	1.7	1.5 ^{DJ}	0.97	--	--	1.1 ^J
N-Nitroso-Di-n-propylamine		0.96 ^I	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine(1)		--	--	--	--	--	--	--	--	--	--	--	--	--
Octachlorodibenzodioxin		0.00096	M	0.17 (0.157)	--	0.00032 (-)	NA	--	--	NA	--	M	--	--
Octachlorodibenzofuran		0.0034	0.0112	0.133 (0.0966)	0.0401	0.00079 (-)	NA	--	--	NA	--	--	--	--
Pentachlorobenzene		2.6 ^I	2.6	0.52 ^J	--	--	--	--	--	--	--	--	--	--
Pentachlorodibenzodioxin		--	--	0.008 (M)	--	-- (-)	NA	--	--	NA	--	--	--	--
Pentachlorodibenzofuran		0.0079	0.00098	0.454 0.504	M	0.00025 (-)	NA	--	0.00086	NA	0.00032	M	--	--
Phenanthrene		--	6.5	2.8 ^J	2.1	88	64 ^D	26	20 ^F	20 ^D	1.9	2.7 ^J	--	--
Phenol		2.2 ^J	5.8	4	--	--	--	0.69 ^J	0.33 ^J	--	--	--	--	0.64 ^J
Total Phenols		4.8	NA	7.7	3.0	0.64	NA	0.67	0.64	NA	0.18	0.98	--	0.1
Pyrene		6.9	6.6	3.5 ^J	4.6	58	28 ^D	20	18 ^E	20 ^D	1.6	6.2	0.052 ^J	--

(See Notes on Page 8)

TABLE 4-18
(Cont'd.)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	X-13 Soil 0-2 ft	X-14 Soil 4-6 ft	X-14(DL) Soil 4-8 ft	X-15 Soil 8-10 ft	X-16 Soil 8-10 ft	X-17 Soil 0-2 ft	X-18 Soil 14-16 ft	X-18(DL) Soil 14-16 ft	X-19 Soil 8-10 ft	X-19(DL) Soil 8-10 ft	X-20 Soil 10-12 ft	X-20(DL) Soil 10-12 ft
Semivolatiles (ppm)													
3-Methylphenol		--	--	--	--	--	--	--	--	--	--	--	--
4-Methylphenol		--	--	--	--	--	--	--	--	--	--	--	--
Naphthalena		--	1,100 ^E	45,000 ^D	0.093 ^J	--	--	20 ^E	41 ^D	35,000 ^F	79,000 ^D	130 ^E	380 ^D
N-Nitroso Di-n-propylamine		--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine(1)		--	--	--	--	--	--	--	190 ^M	--	--	--	--
Octachlorodibenzodioxin		0.0011	--	NA	--	--	--	--	NA	--	NA	--	NA
Octachlorodibenzofuran		0.00035	--	NA	--	--	--	--	NA	--	NA	--	NA
Pentachlorobenzene		--	--	--	--	--	--	--	--	--	--	--	--
Pentachlorodibenzodioxin		--	--	NA	--	--	--	--	NA	--	NA	--	NA
Pentachlorodibenzofuran		0.0004	--	NA	--	--	--	--	NA	--	NA	--	NA
Phenanthrene		0.21 ^J	290 ^E	3,500 ^D	0.56	0.052 ^J	--	20 ^F	32 ^D	23,000 ^E	33,000 ^D	34 ^E	26 ^D
Phenol		--	--	--	--	--	--	--	0.43 ^{OU}	--	--	--	--
Total Phenols		0.61	0.87	NA	0.12	--	--	--	NA	22	NA	1.4	NA
Pyrene		0.32 ^J	260 ^E	2,600 ^D	1.8	0.18 ^J	--	12 ^E	21 ^D	14,000 ^E	16,000 ^D	21 ^E	10 ^{OU}

(See Notes on Page 8)

TABLE 4-18
(Cont'd.)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	X-1 Soil 2-4 ft	X-4 Soil 4-6 ft	X-5 Soil 6-10 ft	X-6 Soil 4-6 ft	X-7 Soil 6-8 ft	X-7(DL) Soil 6-8 ft	X-8 Soil 2-4 ft	X-8 (Dup.) Soil 2-4 ft	X-8DL (Dup.) Soil 2-4 ft	X-9 Soil 6-10 ft	X-10 Soil 2-4 ft	X-11 Soil 4-6 ft	X-12 Soil 6-10 ft
<u>Semivolatiles (ppm)</u>														
Tetrachlorodibenzofuran		0.0041	0.001	0.255 (0.283)	M	- (-)	NA	--	--	NA	--	--	--	--
1,2,3,4-Tetrachlorobenzene		5.8 ¹	9.8	2.6 ¹	--	--	--	--	--	--	--	--	--	--
1,2,3,5-Tetrachlorobenzene		--	1.1 ^{2X}	1.1 ^{2X}	--	--	--	--	--	--	--	--	--	--
1,2,4,5-Tetrachlorobenzene		--	1.1 ^{2X}	1.1 ^{2X}	--	--	--	--	--	--	--	--	--	--
2,3,7,8-Tetrachlorodibenzofuran		0.0011	0.00025	0.0546 (0.0476)	M	- (-)	NA	--	--	NA	--	--	--	--
1,2,4-Trichlorobenzene		2.4 ¹	9.4	8.7	--	0.91 ¹	--	--	--	--	--	--	--	--
1,3,5-Trichlorobenzene		0.99 ¹	1.1 ¹	3 ¹	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene		0.88 ¹	--	1.6 ¹	--	--	--	--	--	--	--	--	--	--

(See Notes on Page 8)

TABLE 4-18
(Cont'd.)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	X-13 Soil 0-2 ft	X-14 Soil 4-6 ft	X-14(DL) Soil 4-8 ft	X-15 Soil 8-10 ft	X-16 Soil 8-10 ft	X-17 Soil 0-2 ft	X-18 Soil 14-16 ft	X-18(DL) Soil 14-16 ft	X-19 Soil 8-10 ft	X-19(DL) Soil 8-10 ft	X-20 Soil 10-12 ft	X-20(DL) Soil 10-12 ft
Semivolatiles (ppm)													
Tetrachlorodibenzofuran		M	--	NA	--	--	--	--	NA	--	NA	--	NA
1,2,3,4-Tetrachlorobenzene		--	--	--	--	--	--	--	--	--	--	--	--
1,2,3,5-Tetrachlorobenzene		--	--	--	--	--	--	--	--	--	--	--	--
1,2,4,5-Tetrachlorobenzene		--	--	--	--	--	--	--	--	--	--	--	--
2,3,7,8-Tetrachlorodibenzofuran		M	--	NA	--	--	--	--	NA	--	NA	--	NA
1,2,4-Trichlorobenzene		--	--	--	--	--	--	0.11 ^f	--	--	--	--	--
1,3,5-Trichlorobenzene		--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene		--	--	--	--	--	--	--	--	--	--	--	--

Notes:

Samples were collected between June 25 and July 10, 1991 and submitted to Compuchem Laboratories, Inc. for analysis of Appendix IX+3 semivolatile constituents.

Only detected constituents are shown.

DL - Dilution of sample.

parts per million - dry weight.

-- Indicates not detected at or above the detection level.

^f - Value indicates an estimated value less than the CLP required quantitation limit.

^o - Compounds identified at a secondary dilution factor.

^e - The compound concentrations exceed calibration range of the GC/MS instrument for that specific analysis.

^x - Coeluting isomers were noted by the laboratory.

^a - The analyte was also detected in the associated blank.

NA - Not analyzed.

M - Indicates a presence was noted, but not at a level that the laboratory could provide a definitive identification or quantity.

() - Re-analysis of dioxin/furan compounds for a sample result.

(f) - Cannot be separated from Diphenylamine.

Dup. - Indicates duplicate sample.

TABLE 4-19

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

INORGANICS

Parameter:	Location: Sample Matrix: Depth:	X-1 Soil 2-4 ft	X-4 Soil 4-6 ft	X-5 Soil 5-10 ft	X-6 Soil 4-6 ft	X-7 Soil 6-8 ft	X-8 Soil 2-4 ft	X-8 (Dup.) Soil 2-4 ft	X-9 Soil 6-10 ft	X-10 Soil 2-4 ft	X-11 Soil 4-6 ft
Inorganics (ppm)											
Aluminum		11,100	6,090	8,700	9,500	3,860	7,410	7,250	5,330	7,190	11,200
Antimony		-	-	128	-	-	-	-	-	-	-
Arsenic		14.5	6.3	16	6.4	2.7	0.77 ^u	0.1	3.7	5.5	11.9
Barium		46.9	359	423	47.6	14.5 ^u	53.9	41.6	19.3 ^u	33.6	43.6
Beryllium		0.2 ^u	-	0.3 ^u	0.33 ^u	-	0.22 ^u	0.17 ^u	0.15 ^u	0.21 ^u	-
Cadmium		7	-	19.3	-	-	0.63	0.47 ^u	-	0.63	-
Calcium		16,800 ^l	26,800	20,400	11,600	2,500	28,300 ^l	15,200 ^l	19,300 ^l	18,100 ^l	10,100
Chromium		54.2	31.7	286	23.3	5.3	13.8	14.1	6.9	8.9	24.8
Cobalt		15.8	8.5 ^u	22.3	9.1 ^u	3.4 ^u	7.7	7.9	6.2 ^u	7.3	14.2
Copper		289	469	4,930	120	23.3	67.1	60.6	13.9	32.2	222
Iron		39,800 ^l	20,500	71,400	22,500	8,880	28,600 ^l	23,300 ^l	13,500 ^l	24,200 ^l	38,900
Lead		142	206	4,410	161	19	176	73.1	2.8	66.2	177
Magnesium		18,500	5,560	11,700	9,120	2,620	8,560	8,150	10,700	8,460	6,530
Manganese		1,940	1,680	1,480	393	148	419	285	270	540	766
Mercury		5.5	94.8	4.1	0.46	0.37	0.7	0.81	-	0.61	1.8
Nickel		72.4	17.2	185	26	7.8	19.2	19.2	11.5	16	38.7
Potassium		1,050	426 ^u	652 ^u	480 ^u	229 ^u	393 ^u	388 ^u	285 ^u	453 ^u	472 ^u
Selenium		-	-	-	-	-	-	0.69	-	-	-
Silver		-	-	131	-	-	-	-	-	-	-
Sodium		185 ^u	242 ^u	512 ^u	604 ^u	69.4 ^u	129 ^u	121 ^u	129 ^u	115 ^u	335 ^u
Thallium		-	-	-	-	-	-	-	-	-	-
Vanadium		29.4	16.9	19.6	44.1	6	16.1	18.3	6.8	14	14.6
Zinc		257 ^l	294	4,190	261	32.9	141 ^l	91.6 ^l	50.7 ^l	98.8 ^l	142
Total Cyanide		-	NA	-	-	1.3	11	10	1.0	1.1	0.14
Total Sulfide		-	NA	24.1	53.6	-	-	-	-	-	-

(See Notes on Page 2)

TABLE 4-19
(Cont'd)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

INORGANICS

Parameter:	Location: Sample Matrix: Depth:	X-12 Soil 6-10 ft	X-13 Soil 0-2 ft	X-14 Soil 4-6 ft	X-15 Soil 8-10 ft	X-16 Soil 8-10 ft	X-17 Soil 0-2 ft	X-18 Soil 14-18 ft	X-19 Soil 8-10 ft	X-20 Soil 10-12 ft
Inorganics (ppm)										
Aluminum		10,300	10,600	3,460	11,500	17,300	13,400	6,040	1,250	13,200
Antimony		--	--	--	--	--	--	--	--	--
Arsenic		10.3	35.7	32.2	11.5	9.9	11.9	3.6	17.6	5.2
Barium		73.1	59	43.6	22.8 ²	91.2	26.4	26.6	29.9 ²	10.6 ²
Beryllium		0.38 ²	0.29 ²	--	0.22 ²	0.68	0.22 ²	0.23 ²	0.22 ²	0.15 ²
Cadmium		--	--	--	--	--	--	--	1	--
Calcium		11,700 ¹	7,410 ¹	13,700 ¹	42,500 ¹	6,730 ¹	1,400 ¹	5,910 ¹	6,830 ¹	27,800 ¹
Chromium		20.7	19.3	8.6	17.7	18.1	13	8.1	8.6	12.3
Cobalt		10.9	10	2 ²	12.2	16.2	13.7	6	3 ²	13
Copper		115	87.3	14.5	45.4	22.9	35	9.1	153	25.5
Iron		41,700 ¹	33,300 ¹	40,300 ¹	35,200 ¹	39,400 ¹	28,200 ¹	13,800 ¹	10,700 ¹	28,900 ¹
Lead		191	105	95.3	4	1.8	38.9	1.8	363	2.2
Magnesium		8,260	7,320	4,510	25,600	7,220	4,950	5,190	1,840	18,700
Manganese		634	540	282	711	2,040	915	199	113	694
Mercury		2.4	0.38	1.4	--	--	--	--	2	--
Nickel		24.6	23.7	1.9 ²	28.4	24.3	23.1	10.7	16.4	29.8
Potassium		755	536 ²	502 ²	406 ²	612 ²	335 ²	289 ²	279 ²	313 ²
Selenium		--	--	--	--	--	--	--	--	--
Silver		--	--	--	--	--	--	--	--	--
Sodium		164 ²	163 ²	257 ²	108 ²	113 ²	96.1 ²	110 ²	200 ²	94 ²
Thallium		--	--	--	--	--	--	--	4.8	--
Vanadium		25.6	25.4	14.7	10	22	12.4	8.1	8.2 ²	9.9
Zinc		199 ¹	133 ¹	111 ¹	76.6 ¹	80.2 ¹	74.3 ¹	43.2 ¹	348 ¹	77.6 ¹
Total Cyanide		7.8	28	4.8	1.7	--	--	22	82	--
Total Sulfide		--	--	82.1	--	--	--	--	31.9	17.7

Notes:

Samples were collected between June 25 and July 10, 1991 and submitted Compuchem Laboratories, Inc. for analysis of Appendix IX+3 inorganic constituents. Only detected constituents are shown.
ppm - Parts per million - dry weight.
--Indicates not detected at or above the detection level.

² - Indicates an estimated value between the CLP required detection limit and the instrument detection limit.

¹ - A chemical or physical interference effect was encountered during the analysis.

NA - Not analyzed.

Dup. - Indicates duplicate sample.

TABLE 4-21

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

PESTICIDES/PCBs/HERBICIDES

Parameter:	Location: Sample Matrix: Depth:	X-1 Soil 2-4 ft	X-4 Soil 4-6 ft	X-5 Soil 6-10 ft	X-6 Soil 4-6 ft	X-7 Soil 6-8 ft	X-8 Soil 2-4 ft	X-8 (Dup.) Soil 2-4 ft	X-9 Soil 6-10 ft	X-10 Soil 2-4 ft	X-11 Soil 4-6 ft
Pesticides/PCBs (ppm)											
PCB-1248		--	22	--	--	--	--	--	NA	--	NA
PCB-1254		--	--	4,600	--	--	--	--	NA	--	NA
PCB-1260		740	57	880	3.1	9.3	28	10	NA	42	NA
Total PCBs		740	79	5,480	3.1	9.3	28	10	NA	42	NA
Aldrin		12	--	--	--	--	--	--	NA	--	NA
4,4'-DDE		--	--	--	--	--	--	--	NA	--	NA
Herbicides (ppm)											
2,4,5-T		--	--	--	--	0.069	--	--	--	--	--
2,4-D		--	--	--	--	--	--	--	--	--	--
2,4,5-TP (Silvex)		--	--	--	--	--	--	--	--	--	--

(See Notes on Page 2)

TABLE 4-21
(Cont'd.)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

PESTICIDES/PCBs/HERBICIDES

Parameter:	Location: Sample Matrix: Depth:	X-12 Soil 0-10 ft	X-13 Soil 0-2 ft	X-14 Soil 4-6 ft	X-15 Soil 8-10 ft	X-16 Soil 8-10 ft	X-17 Soil 0-2 ft	X-18 Soil 14-16 ft	X-19 Soil 8-10 ft	X-20 Soil 10-12 ft
<u>Pesticides/PCBs (ppm)</u>										
PCB-1248		--	--	--	--	--	--	--	NA	--
PCB-1254		--	--	--	--	--	--	--	NA	--
PCB-1260		7.7	1.7	--	--	--	--	0.37	NA	0.28
Total PCBs		7.7	1.7	--	--	--	--	0.37	NA	0.28
Aldrin		--	--	--	--	--	--	--	NA	0.002
4,4'-DDE		--	--	--	0.0052	--	--	--	NA	--
<u>Herbicides (ppm)</u>										
2,4,5-T		--	--	--	0.047	0.07	--	--	--	--
2,4-D		--	--	--	0.16	0.28	--	--	--	--
2,4,5-TP (Silvex)		--	--	--	0.038	0.072	--	--	--	--

Notes:

Samples were collected between June 25 and July 10, 1991 and submitted to Compuchem Laboratories, Inc. for analysis of Appendix IX+3 pesticide, PCB, and herbicide constituents. Only detected constituents are shown.
 ppm - Parts per million - dry weight.
 -- Indicates not detected at or above the detection level.
 Dup. - Indicates duplicate sample.
 NA - Not analyzed.

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

Matrix: Subsurface Soil

Parameter	Sample Point 201B1214		Sample Point 202B0608		Sample Point 203B1214		Sample Point 204B0810		Sample Point 205B0810	
	Lab ID: 786587		Lab ID: 784266		Lab ID: 790063		Lab ID: 790082		Lab ID: 784085	
	Borehole: 95-01		Borehole: 95-02		Borehole: 95-03		Borehole: 95-04		Borehole: 95-05	
	Depth: 12'-14'		Depth: 6'-8'		Depth: 12'-14'		Depth: 8'-10'		Depth: 8'-10'	
	Date Sampled: 2/27/96		Date Sampled: 2/15/96		Date Sampled: 3/12/96		Date Sampled: 3/11/96		Date Sampled: 2/12/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Vinyl Chloride	ND		ND		ND		ND		ND	
Chloroethane	ND		ND		ND		ND		ND	
Methylene Chloride	0.47	J	ND		0.016	JB	0.015	JB	ND	
Acetone	ND		ND		0.025	JB	0.019	JB	ND	
Carbon Disulfide	ND		ND		ND		ND		ND	
1,1-Dichloroethene	ND		ND		ND		ND		ND	
1,1-Dichloroethane	ND		ND		ND		ND		ND	
Chloroform	ND		ND		ND		ND		ND	
1,2-Dichloroethane	ND		ND		ND		ND		ND	
2-Butanone	ND		ND		ND		ND		ND	
1,1,1-Trichloroethane	ND		ND		ND		ND		ND	
Trichloroethene	ND		ND		ND		ND		ND	
1,1,2-Trichloroethane	ND		ND		ND		ND		ND	
Benzene	ND		ND		ND		ND		ND	
4-Methyl-2-Pentanone	ND		ND		ND		ND		ND	
2-Hexanone	ND		ND		ND		ND		ND	
Tetrachloroethene	ND		ND		ND		ND		ND	
1,1,2,2-Tetrachloroethane	ND		ND		ND		ND		ND	
Toluene	ND		ND		ND		ND		ND	
Chlorobenzene	ND		ND		0.002	J	0.16		ND	
Ethylbenzene	1.9		ND		ND		ND		ND	
Total Xylenes	1.7	J	ND		ND		0.003	J	0.004	J
Acetonitrile	ND		0.006	J	ND		ND		0.014	J
Isobutyl alcohol	ND		ND		ND		ND		ND	
1,4-Dioxane	33	J	ND		ND		ND		ND	
1,2-Dibromo-3-chloropropane (DBCP)	ND		ND		ND		ND		ND	

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

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

Matrix: Subsurface Soil

Parameter	Sample Point 205B1618		Sample Point 206B1416		Sample Point 207B0204		Sample Point 207B1820		Sample Point 208B1618	
	Lab ID: 784089		Lab ID: 787570		Lab ID: 786072		Lab ID: 786075		Lab ID: 787918	
	Borehole: 95-05		Borehole: 95-06		Borehole: 95-07		Borehole: 95-07		Borehole: 95-08	
	Depth: 16'-18'		Depth: 14'-16'		Depth: 2'-4'		Depth: 18'-20'		Depth: 16'-18'	
	Date Sampled: 2/12/96		Date Sampled: 2/29/96		Date Sampled: 2/23/96		Date Sampled: 2/23/96		Date Sampled: 2/29/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Vinyl Chloride	ND		ND		ND		ND		ND	
Chloroethane	ND		ND		ND		ND		ND	
Methylene Chloride	ND		0.32	J	ND		ND		0.012	JB
Acetone	ND		ND		ND		ND		ND	
Carbon Disulfide	ND		ND		0.006	J	ND		ND	
1,1-Dichloroethene	ND		ND		ND		ND		ND	
1,1-Dichloroethane	ND		ND		ND		ND		ND	
Chloroform	ND		ND		ND		ND		ND	
1,2-Dichloroethane	ND		ND		ND		ND		ND	
2-Butanone	ND		ND		ND		ND		ND	
1,1,1-Trichloroethane	ND		ND		ND		ND		ND	
Trichloroethene	ND		ND		ND		ND		ND	
1,1,2-Trichloroethane	ND		ND		ND		ND		ND	
Benzene	ND		ND		0.11		ND		ND	
4-Methyl-2-Pentanone	ND		ND		ND		ND		ND	
2-Hexanone	ND		0.62	J	ND		ND		ND	
Tetrachloroethene	ND		ND		ND		ND		ND	
1,1,2,2-Tetrachloroethane	ND		ND		0.001	J	ND		ND	
Toluene	ND		ND		0.14		ND		ND	
Chlorobenzene	0.069		7.3		ND		17		0.034	
Ethylbenzene	ND		0.22	J	0.039		ND		ND	
Total Xylenes	0.032	J	1.6	J	0.22	J	ND		0.002	J
Acetonitrile	0.011	J	ND		ND		ND		ND	
Isobutyl alcohol	0.011	J	ND		ND		ND		ND	
1,4-Dioxane	ND		17	J	ND		ND		ND	
1,2-Dibromo-3-chloropropane (DBCP)	ND		ND		ND		ND		ND	

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

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

Matrix: Subsurface Soil

Parameter	Sample Point 208B1618D		Sample Point 208B1618DDL		Sample Point 209B1820		Sample Point 210B1416		Sample Point 211B2022	
	Lab ID: 787919		Lab ID: 787919		Lab ID: 788292		Lab ID: 788889		Lab ID: 788882	
	Borehole: 95-08D		Borehole: 95-08DDL		Borehole: 95-09		Borehole: 95-10		Borehole: 95-11	
	Depth: 16'-18'		Depth: 16'-18'		Depth: 18'-20'		Depth: 14'-16'		Depth: 20'-22'	
	Date Sampled: 3/1/96		Date Sampled: 3/1/96		Date Sampled: 3/4/96		Date Sampled: 3/7/96		Date Sampled: 3/6/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Vinyl Chloride	ND		ND		ND		ND		ND	
Chloroethane	ND		ND		ND		ND		ND	
Methylene Chloride	0.44	J	0.51	DJ	0.009	JB	0.011	JB	0.35	J
Acetone	ND		ND		ND		ND		ND	
Carbon Disulfide	ND		ND		ND		ND		ND	
1,1-Dichloroethene	ND		ND		ND		ND		ND	
1,1-Dichloroethane	ND		ND		ND		ND		ND	
Chloroform	ND		ND		ND		ND		ND	
1,2-Dichloroethane	ND		ND		ND		ND		ND	
2-Butanone	ND		ND		ND		ND		ND	
1,1,1-Trichloroethane	ND		ND		ND		ND		ND	
Trichloroethene	ND		ND		ND		ND		ND	
1,1,2-Trichloroethane	ND		ND		ND		ND		ND	
Benzene	14		16	D	ND		ND		ND	
4-Methyl-2-Pentanone	ND		ND		ND		ND		ND	
2-Hexanone	ND		ND		ND		ND		ND	
Tetrachloroethene	ND		ND		ND		ND		ND	
1,1,2,2-Tetrachloroethane	ND		ND		ND		ND		ND	
Toluene	15		18	D	ND		ND		ND	
Chlorobenzene	ND		ND		ND		0.14		5.2	
Ethylbenzene	41	E	51	D	ND		ND		ND	
Total Xylenes	56	E	70	DE	ND		ND		ND	
Acetonitrile	ND		ND		ND		ND		ND	
Isobutyl alcohol	ND		ND		ND		ND		ND	
1,4-Dioxane	ND		14	DJ	ND		ND		ND	
1,2-Dibromo-3-chloropropane (DBCP)	ND		ND		ND		ND		ND	

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

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

Matrix: Subsurface Soil

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

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

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

Matrix: Subsurface Soil

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

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

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

Matrix: Subsurface Soil

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

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

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

Matrix: Subsurface Soil

Parameter	Sample Point 226B2022		Sample Point 227B1416		Sample Point 228B3032	
	Lab ID: 786071		Lab ID: 787569		Lab ID: 790058	
	Borehole: 95-26		Borehole: 95-27		Borehole: 95-28	
	Depth: 20'-22'		Depth: 14'-16'		Depth: 30'-32'	
	Date Sampled: 2/22/96		Date Sampled: 2/29/96		Date Sampled: 3/11/96	
	Result	Qual	Result	Qual	Result	Qual
Vinyl Chloride	0.011	J	ND		ND	
Chloroethane	0.002	J	ND		ND	
Methylene Chloride	ND		0.019	JB	0.015	JB
Acetone	ND		0.035	J	0.019	JB
Carbon Disulfide	ND		ND		ND	
1,1-Dichloroethene	0.005	J	ND		ND	
1,1-Dichloroethane	0.055		ND		ND	
Chloroform	0.024		ND		ND	
1,2-Dichloroethane	0.22		ND		ND	
2-Butanone	ND		ND		ND	
1,1,1-Trichloroethane	0.16		ND		ND	
Trichloroethene	0.039		ND		ND	
1,1,2-Trichloroethane	0.005	J	ND		ND	
Benzene	0.002	J	ND		ND	
4-Methyl-2-Pentanone	0.002	J	ND		ND	
2-Hexanone	ND		ND		ND	
Tetrachloroethene	0.003	J	ND		ND	
1,1,2,2-Tetrachloroethane	0.008	J	ND		ND	
Toluene	0.064		ND		ND	
Chlorobenzene	0.008	J	0.021	J	ND	
Ethylbenzene	0.016	J	ND		ND	
Total Xylenes	0.038	J	ND		ND	
Acetonitrile	ND		ND		ND	
Isobutyl alcohol	ND		ND		ND	
1,4-Dioxane	ND		ND		ND	
1,2-Dibromo-3-chloropropane (DBCP)	ND		ND		ND	

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

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

Matrix: Subsurface Soil Rinsate Blank

Parameter	Sample Point AREA2RB01		Sample Point AREA2RB04	
	Lab ID: 784224		Lab ID: 786255	
	Borehole: RB-01		Borehole: RB-04	
	Depth: Area 2		Depth: Area 2	
	Date Sampled: 2/14/96		Date Sampled: 2/26/96	
	Result	Qual	Result	Qual
Vinyl Chloride	ND		ND	
Chloroethane	ND		ND	
Methylene Chloride	0.001	JB	0.001	JB
Acetone	ND		ND	
Carbon Disulfide	ND		ND	
1,1-Dichloroethene	ND		ND	
1,1-Dichloroethane	ND		ND	
Chloroform	ND		ND	
1,2-Dichloroethane	ND		ND	
2-Butanone	ND		ND	
1,1,1-Trichloroethane	ND		ND	
Trichloroethene	ND		ND	
1,1,2-Trichloroethane	ND		ND	
Benzene	ND		ND	
4-Methyl-2-Pentanone	ND		ND	
2-Hexanone	ND		ND	
Tetrachloroethene	ND		ND	
1,1,2,2-Tetrachloroethane	ND		ND	
Toluene	ND		ND	
Chlorobenzene	ND		ND	
Ethylbenzene	ND		ND	
Total Xylenes	ND		ND	
Acetonitrile	ND		ND	
Isobutyl alcohol	ND		ND	
1,4-Dioxane	0.54	JB	ND	
1,2-Dibromo-3-chloropropane (DBCP)	ND		ND	

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

SUMMARY OF APPENDIX IX+3 DETECTIONS IN SUBSURFACE SOIL

Matrix: Subsurface Soil

EAST STREET AREA 2 / USEPA AREA 4
SEMIVOLATILE ORGANIC COMPOUNDS

Parameter	Sample Point 201B1214		Sample Point 201B1214DL		Sample Point 202B0608		Sample Point 203B1214		Sample Point 204B0810	
	Lab ID: 786592		Lab ID: 786592		Lab ID: 784263		Lab ID: 790069		Lab ID: 790068	
	Borehole: 95-01		Borehole: 95-01		Borehole: 95-02		Borehole: 95-03		Borehole: 95-04	
	Depth: 12'-14'		Depth: 12'-14'		Depth: 6'-8'		Depth: 12'-14'		Depth: 8'-10'	
	Date Sampled: 2/27/96		Date Sampled: 2/27/96		Date Sampled: 2/15/96		Date Sampled: 3/12/96		Date Sampled: 3/11/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2-Picoline	ND		ND		ND		ND		ND	
Phenol	ND		ND		ND		ND		ND	
Aniline	ND		ND		ND		ND		ND	
1,3-Dichlorobenzene	ND		ND		ND		ND		0.8	
1,4-Dichlorobenzene	ND		ND		ND		ND		1.2	
Benzyl alcohol	ND		ND		ND		ND		ND	
1,2-Dichlorobenzene	ND		ND		ND		ND		0.25	J
Acetophenone	ND		ND		ND		ND		ND	
2,4-Dimethylphenol	ND		ND		ND		ND		ND	
1,2,4-Trichlorobenzene	ND		ND		ND		ND		ND	
Naphthalene	54	E	76	D	ND		ND		0.74	
2-Methylnaphthalene	58	E	77	D	ND		ND		0.37	J
1,2,4,5-Tetrachlorobenzene	ND		ND		ND		ND		ND	
Acenaphthylene	3.3	J	4	DJ	ND		ND		ND	
Acenaphthene	55	E	77	D	ND		ND		1.4	
Pentachlorobenzene	ND		ND		ND		ND		ND	
Dibenzofuran	9.2		11	DJ	ND		ND		ND	
Fluorene	36		49	D	ND		ND		ND	
Hexachlorobenzene	ND		ND		ND		ND		ND	
4-Aminobiphenyl	ND		ND		ND		ND		ND	
Phenanthrene	110	E	140	D	ND		0.13	J	2.5	
Anthracene	36		44	D	ND		ND		0.63	J
Di-n-butylphthalate	ND		ND		ND		ND		ND	
Fluoranthene	54	E	76	D	ND		0.3	J	0.57	J
Benzidine	ND		ND		ND		ND		ND	
Pyrene	55	E	81	D	ND		0.23	J	0.98	
Butylbenzylphthalate	ND		ND		ND		ND		ND	
bis(2-Ethylhexyl)Phthalate	ND		ND		0.066	J	0.69	J	0.18	J
Benzo(a)Anthracene	28		31	D	ND		0.11	J	0.38	J
Chrysene	23		25	D	ND		0.13	J	0.35	J
7,12-Dimethylbenzanthracene	0.78	J	2.3	DJ	ND		ND		ND	
Benzo(b)Fluoranthene	20	X	23	DXJ	ND		0.22	XJ	0.33	XJ
Benzo(k)Fluoranthene	21	X	24	DX	ND		0.21	XJ	0.32	XJ
Benzo(a)Pyrene	17		21	D	ND		0.11	J	0.32	J
Indeno(1,2,3-cd)Pyrene	5		6.8	DJ	ND		0.063	J	0.16	J
Dibenz(a,h)Anthracene	1.5	J	1.5	DJ	ND		ND		ND	
Benzo(g,h,i)Perylene	5.8		6.9	DJ	ND		0.063	J	0.22	J

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

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

Matrix: Subsurface Soil

Parameter	Sample Point 205B0810		Sample Point 205B1618		Sample Point 206B1416		Sample Point 207B0204		Sample Point 207B1820	
	Lab ID: 784080		Lab ID: 784084		Lab ID: 787572		Lab ID: 786079		Lab ID: 786080	
	Borehole: 95-05		Borehole: 95-05		Borehole: 95-06		Borehole: 95-07		Borehole: 95-07	
	Depth: 8'-10'		Depth: 16'-18'		Depth: 14'-16'		Depth: 2'-4'		Depth: 18'-20'	
	Date Sampled: 2/12/96		Date Sampled: 2/12/96		Date Sampled: 2/29/96		Date Sampled: 2/23/96		Date Sampled: 2/23/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2-Picoline	ND		ND		ND		ND		ND	
Phenol	ND		ND		ND		ND		ND	
Aniline	ND		ND		ND		ND		ND	
1,3-Dichlorobenzene	3.2		0.12	J	ND		ND		0.52	J
1,4-Dichlorobenzene	9		0.3	J	ND		ND		1	J
Benzyl alcohol	ND		ND		ND		ND		ND	
1,2-Dichlorobenzene	0.47	J	0.04	J	ND		ND		ND	
Acetophenone	ND		ND		ND		ND		ND	
2,4-Dimethylphenol	ND		ND		ND		ND		ND	
1,2,4-Trichlorobenzene	0.42	J	ND		ND		ND		ND	
Naphthalene	2.7		0.59	J	ND		590		0.65	J
2-Methylnaphthalene	0.48	J	0.18	J	ND		690		ND	
1,2,4,5-Tetrachlorobenzene	ND		ND		ND		ND		ND	
Acenaphthylene	ND		ND		ND		110		ND	
Acenaphthene	ND		0.37	J	1.8	J	37	J	ND	
Pentachlorobenzene	ND		ND		ND		ND		ND	
Dibenzofuran	ND		ND		ND		30	J	ND	
Fluorene	0.74	J	0.29	J	0.84	J	230		ND	
Hexachlorobenzene	ND		ND		ND		ND		ND	
4-Aminobiphenyl	ND		ND		ND		6.8	J	ND	
Phenanthrene	1.9		0.92		0.71	J	580		0.61	J
Anthracene	0.48	J	0.25	J	ND		120		ND	
Di-n-butylphthalate	ND		ND		0.72	J	ND		1.2	J
Fluoranthene	0.81	J	0.27	J	ND		260		ND	
Benzidine	ND		ND		ND		ND		ND	
Pyrene	1.5		0.38	J	0.69	J	500		ND	
Butylbenzylphthalate	ND		ND		ND		ND		0.29	J
bis(2-Ethylhexyl)Phthalate	ND		ND		ND		ND		0.5	J
Benzo(a)Anthracene	0.46	J	0.14	J	ND		160		ND	
Chrysene	0.41	J	0.12	J	ND		160		ND	
7,12-Dimethylbenzanthracene	ND		ND		ND		7.5	J	ND	
Benzo(b)Fluoranthene	0.43	JN	0.13	JN	ND		150	JN	ND	
Benzo(k)Fluoranthene	0.42	JN	0.12	JN	ND		160	JN	ND	
Benzo(a)Pyrene	0.38	J	0.11	J	ND		120		ND	
Indeno(1,2,3-cd)Pyrene	0.14	J	ND		ND		44	J	ND	
Dibenz(a,h)Anthracene	0.047	J	ND		ND		16	J	ND	
Benzo(g,h,i)Perylene	0.17	J	0.044	J	ND		54	J	ND	

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

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

Matrix: Subsurface Soil

Parameter	Sample Point 208B1618		Sample Point 208B1618D		Sample Point 209B1820		Sample Point 210B1416		Sample Point 211B2022	
	Lab ID: 787920		Lab ID: 787925		Lab ID: 788299		Lab ID: 788693		Lab ID: 788890	
	Borehole: 95-08		Borehole: 95-08D		Borehole: 95-09		Borehole: 95-10		Borehole: 95-11	
	Depth: 16'-18'		Depth: 16'-18'		Depth: 18'-20'		Depth: 14'-16'		Depth: 20'-22'	
	Date Sampled: 2/29/96		Date Sampled: 3/1/96		Date Sampled: 3/4/96		Date Sampled: 3/7/96		Date Sampled: 3/8/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2-Picoline	ND		0.079	J	ND		ND		ND	
Phenol	ND		ND		ND		ND		ND	
Aniline	ND		ND		ND		ND		ND	
1,3-Dichlorobenzene	ND		0.073	J	0.052	J	ND		ND	
1,4-Dichlorobenzene	0.055	J	0.18	J	0.73		0.052	J	ND	
Benzyl alcohol	ND		ND		ND		ND		ND	
1,2-Dichlorobenzene	ND		ND		0.048	J	ND		ND	
Acetophenone	ND		ND		ND		ND		ND	
2,4-Dimethylphenol	ND		ND		ND		ND		ND	
1,2,4-Trichlorobenzene	ND		ND		3.1		ND		ND	
Naphthalene	ND		4		ND		0.18	J	ND	
2-Methylnaphthalene	ND		0.18	J	ND		0.091	J	ND	
1,2,4,5-Tetrachlorobenzene	ND		ND		0.23	J	ND		ND	
Acenaphthylene	ND		ND		ND		ND		ND	
Acenaphthene	ND		0.065	J	ND		ND		ND	
Pentachlorobenzene	ND		ND		0.3	J	ND		ND	
Dibenzofuran	ND		ND		ND		ND		ND	
Fluorene	ND		0.069	J	ND		ND		ND	
Hexachlorobenzene	ND		ND		ND		ND		ND	
4-Aminobiphenyl	ND		ND		ND		ND		ND	
Phenanthrene	ND		0.089	J	ND		ND		ND	
Anthracene	ND		ND		ND		ND		ND	
Di-n-butylphthalate	1.5		1.6		ND		ND		ND	
Fluoranthene	ND		0.051	J	ND		ND		ND	
Benzidine	ND		ND		ND		ND		ND	
Pyrene	ND		0.065	J	ND		ND		ND	
Butylbenzylphthalate	ND		ND		ND		ND		ND	
bis(2-Ethylhexyl)Phthalate	0.054	J	0.078	J	ND		0.1	J	0.05	J
Benzo(a)Anthracene	ND		ND		ND		ND		ND	
Chrysene	ND		ND		ND		ND		ND	
7,12-Dimethylbenzanthracene	ND		ND		ND		ND		ND	
Benzo(b)Fluoranthene	ND		ND		ND		ND		ND	
Benzo(k)Fluoranthene	ND		ND		ND		ND		ND	
Benzo(a)Pyrene	ND		ND		ND		ND		ND	
Indeno(1,2,3-cd)Pyrene	ND		ND		ND		ND		ND	
Dibenz(a,h)Anthracene	ND		ND		ND		ND		ND	
Benzo(g,h,i)Perylene	ND		ND		ND		ND		ND	

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

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

Matrix: Subsurface Soil

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

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

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

Matrix: Subsurface Soil

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

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

**SUMMARY OF APPENDIX IX+J DETECTIONS IN SUBSURFACE SOIL
EAST STREET AREA 2 / USEPA AREA 4
SEMIVOLATILE ORGANIC COMPOUNDS**

Matrix: Subsurface Soil

Parameter	Sample Point 220B1416D		Sample Point 223B0002		Sample Point 223B1214		Sample Point 225B0810		Sample Point 226B1012	
	Lab ID: 784262		Lab ID: 788891		Lab ID: 788892		Lab ID: 786598		Lab ID: 786077	
	Borehole: 95-20D		Borehole: 95-23		Borehole: 95-23		Borehole: 95-25		Borehole: 95-26	
	Depth: 14'-16'		Depth: 0'-2'		Depth: 12'-14'		Depth: 8'-10'		Depth: 10'-12'	
	Date Sampled: 2/15/96		Date Sampled: 3/7/96		Date Sampled: 3/7/96		Date Sampled: 2/27/96		Date Sampled: 2/22/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2-Picolina	ND		ND		ND		ND		ND	
Phenol	ND		ND		ND		ND		ND	
Aniline	ND		ND		ND		ND		ND	
1,3-Dichlorobenzene	ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	ND		ND		ND		ND		ND	
Benzyl alcohol	ND		ND		ND		ND		ND	
1,2-Dichlorobenzene	ND		ND		ND		ND		ND	
Acetophenone	ND		ND		ND		ND		ND	
2,4-Dimethylphenol	ND		ND		0.1	J	ND		ND	
1,2,4-Trichlorobenzene	ND		ND		ND		ND		ND	
Naphthalene	ND		0.048	J	ND		ND		ND	
2-Methylnaphthalene	ND		ND		ND		ND		ND	
1,2,4,5-Tetrachlorobenzene	ND		ND		ND		ND		ND	
Acenaphthylene	ND		ND		ND		ND		ND	
Acenaphthene	ND		0.078	J	ND		ND		ND	
Pentachlorobenzene	ND		ND		ND		ND		ND	
Dibenzofuran	ND		0.048	J	ND		ND		ND	
Fluorene	ND		0.069	J	ND		ND		ND	
Hexachlorobenzene	ND		ND		ND		ND		ND	
4-Aminobiphenyl	ND		ND		ND		ND		ND	
Phenanthrene	ND		0.74	J	ND		ND		ND	
Anthracene	ND		0.16	J	ND		ND		ND	
Di-n-butylphthalate	ND		ND		ND		1.4		ND	
Fluoranthene	ND		0.84	J	ND		ND		ND	
Benzidine	ND		ND		ND		ND		ND	
Pyrene	ND		0.67	J	ND		ND		ND	
Butylbenzylphthalate	ND		ND		ND		ND		ND	
bis(2-Ethylhexyl)Phthalate	0.062	J	ND		ND		0.16	J	0.5	J
Benzo(a)Anthracene	ND		0.33	J	ND		ND		ND	
Chrysene	ND		0.32	J	ND		ND		ND	
7,12-Dimethylbenzanthracene	ND		ND		ND		ND		ND	
Benzo(b)Fluoranthene	ND		0.57	XJ	ND		ND		ND	
Benzo(k)Fluoranthene	ND		0.49	XJ	ND		ND		ND	
Benzo(a)Pyrene	ND		0.3	J	ND		ND		ND	
Indeno(1,2,3-cd)Pyrene	ND		0.18	J	ND		ND		ND	
Dibenz(a,h)Anthracene	ND		ND		ND		ND		ND	
Benzo(g,h,i)Perylene	ND		0.16	J	ND		ND		ND	

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

SUMMARY OF APPENDIX IX+3 DETECTIONS IN SUBSURFACE SOIL

EAST STREET AREA 2 / USEPA AREA 4

SEMIVOLATILE ORGANIC COMPOUNDS

Matrix: Subsurface Soil

Parameter	Sample Point 226B2022		Sample Point 227B1416		Sample Point 228B3032		Sample Point		Sample Point	
	Lab ID: 786078		Lab ID: 787571		Lab ID: 790064		Lab ID:		Lab ID:	
	Borehole: 95-26		Borehole: 95-27		Borehole: 95-28		Borehole:		Borehole:	
	Depth: 20'-22'		Depth: 14'-16'		Depth: 30'-32'		Depth:		Depth:	
	Date Sampled: 2/22/96		Date Sampled: 2/29/96		Date Sampled: 3/11/96		Date Sampled:		Date Sampled:	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2-Picoline	ND		ND		ND					
Phenol	ND		ND		ND					
Aniline	ND		ND		ND					
1,3-Dichlorobenzene	ND		ND		ND					
1,4-Dichlorobenzene	ND		ND		ND					
Benzyl alcohol	ND		ND		ND					
1,2-Dichlorobenzene	ND		ND		ND					
Acetophenone	ND		ND		ND					
2,4-Dimethylphenol	ND		ND		ND					
1,2,4-Trichlorobenzene	ND		ND		ND					
Naphthalene	ND		ND		0.5	J				
2-Methylnaphthalene	ND		ND		ND					
1,2,4,5-Tetrachlorobenzene	ND		ND		ND					
Acenaphthylene	ND		ND		0.045	J				
Acenaphthene	ND		0.48	J	ND					
Pentachlorobenzene	ND		ND		ND					
Dibenzofuran	ND		ND		ND					
Fluorene	ND		0.19	J	ND					
Hexachlorobenzene	ND		ND		ND					
4-Aminobiphenyl	ND		ND		ND					
Phenanthrene	ND		0.61	J	0.099	J				
Anthracene	ND		0.082	J	ND					
Di-n-butylphthalate	ND		1.6		ND					
Fluoranthene	ND		0.15	J	ND					
Benzidine	ND		ND		ND					
Pyrene	ND		0.12	J	ND					
Butylbenzylphthalate	ND		ND		ND					
bis(2-Ethylhexyl)Phthalate	0.12	J	0.19	J	0.09	J				
Benzo(a)Anthracene	ND		0.068	J	ND					
Chrysene	ND		0.062	J	ND					
7,12-Dimethylbenzanthracene	ND		ND		ND					
Benzo(b)Fluoranthene	ND		0.1	XJ	ND					
Benzo(k)Fluoranthene	ND		0.1	XJ	ND					
Benzo(a)Pyrene	ND		0.062	J	ND					
Indeno(1,2,3-cd)Pyrene	ND		ND		ND					
Dibenz(a,h)Anthracene	ND		ND		ND					
Benzo(g,h,i)Perylene	ND		ND		ND					

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

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

Matrix: Subsurface Soil Rinse Blank

Parameter	Sample Point AREA2R801		Sample Point AREA2R804		Sample Point		Sample Point		Sample Point	
	Lab ID: 784225		Lab ID: 786256		Lab ID:		Lab ID:		Lab ID:	
	Borehole: RB-01		Borehole: RB-04		Borehole:		Borehole:		Borehole:	
	Depth: Area 2		Depth: Area 2		Depth:		Depth:		Depth:	
	Date Sampled: 2/14/96		Date Sampled: 2/26/96		Date Sampled:		Date Sampled:		Date Sampled:	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2-Picoline	ND		ND							
Phenol	ND		ND							
Aniline	ND		ND							
1,3-Dichlorobenzene	ND		ND							
1,4-Dichlorobenzene	ND		ND							
Benzyl alcohol	ND		ND							
1,2-Dichlorobenzene	ND		ND							
Acetophenone	ND		ND							
2,4-Dimethylphenol	ND		ND							
1,2,4-Trichlorobenzene	ND		ND							
Naphthalene	ND		ND							
2-Methylnaphthalene	ND		ND							
1,2,4,5-Tetrachlorobenzene	ND		ND							
Acenaphthylene	ND		ND							
Acenaphthene	ND		ND							
Pentachlorobenzene	ND		ND							
Dibenzofuran	ND		ND							
Fluorene	ND		ND							
Hexachlorobenzene	ND		ND							
4-Aminobiphenyl	ND		ND							
Phenanthrene	ND		ND							
Anthracene	ND		ND							
Di-n-butylphthalate	ND		ND							
Fluoranthene	ND		ND							
Benzidine	ND		ND							
Pyrene	ND		ND							
Butylbenzylphthalate	ND		ND							
bis(2-Ethylhexyl)Phthalate	ND		ND							
Benzo(a)Anthracene	ND		ND							
Chrysene	ND		ND							
7,12-Dimethylbenzanthracene	ND		ND							
Benzo(b)Fluoranthene	ND		ND							
Benzo(k)Fluoranthene	ND		ND							
Benzo(a)Pyrene	ND		ND							
Indeno(1,2,3-cd)Pyrene	ND		ND							
Dibenz(a,h)Anthracene	ND		ND							
Benzo(g,h,i)Perylene	ND		ND							

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

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

Matrix: Subsurface Soil

Parameter	Sample Point 201B1214		Sample Point 202B0608		Sample Point 203B1214		Sample Point 204B0810		Sample Point 205B0810	
	Lab ID: 0002		Lab ID: 0006		Lab ID: 0007		Lab ID: 0006		Lab ID: 0001	
	Borehole: 95-01		Borehole: 95-02		Borehole: 95-03		Borehole: 95-04		Borehole: 95-05	
	Depth: 12'-14'		Depth: 6'-8'		Depth: 12'-14'		Depth: 8'-10'		Depth: 8'-10'	
	Date Sampled: 960227		Date Sampled: 960215		Date Sampled: 960311		Date Sampled: 960311		Date Sampled: 960212	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TCDFs (total)	ND		ND		ND		0.0004		0.00029	
2,3,7,8-TCDF	ND		ND		ND		0.000046		0.000011	
PeCDFs (total)	ND		ND		ND		0.0002		0.0018	
1,2,3,7,8-PeCDF	ND		ND		ND		0.000013		0.0000083	
2,3,4,7,8-PeCDF	ND		ND		ND		0.000016		0.000019	
HxCDFs (total)	ND		ND		ND		0.00017		0.0019	
1,2,3,4,7,8-HxCDF	ND		ND		ND		0.000062		0.000037	
1,2,3,6,7,8-HxCDF	ND		ND		ND		0.000011		0.000065	
2,3,4,6,7,8-HxCDF	ND		ND		ND		0.000015		0.00023	
HpCDFs (total)	ND		ND		ND		0.0003		0.00064	
1,2,3,4,6,7,8-HpCDF	ND		ND		ND		0.0001		0.00021	
1,2,3,4,7,8,9-HpCDF	ND		ND		ND		0.00005		0.000029	
OCDF	ND		ND		ND		0.00052		0.00012	
TCDDs (total)	ND		ND		ND		0.000013		0.0000015	
HxCDDs (total)	ND		ND		ND		ND		0.000027	
HpCDDs (total)	ND		ND		ND		0.000023		0.000056	
1,2,3,4,6,7,8-HpCDD	ND		ND		ND		0.000011		0.000027	
OCDD	ND		ND		ND		0.00006		0.00015	

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

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

Matrix: Subsurface Soil

Parameter	Sample Point 205B1618		Sample Point 206B1416		Sample Point 207B0204		Sample Point 207B1820		Sample Point 208B1618	
	Lab ID: 0004		Lab ID: 0002		Lab ID: 0008		Lab ID: 0009		Lab ID: 0003	
	Borehole: 95-05		Borehole: 95-06		Borehole: 95-07		Borehole: 95-07		Borehole: 95-08	
	Depth: 16'-18'		Depth: 14'-16'		Depth: 2'-4'		Depth: 18'-20'		Depth: 16'-18'	
	Date Sampled: 960212		Date Sampled: 960222		Date Sampled: 960223		Date Sampled: 960223		Date Sampled: 960229	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TCDFs (total)	ND		ND		0.000098		0.0039		ND	
2,3,7,8-TCDF	ND		ND		0.000014		ND		ND	
PeCDFs (total)	ND		ND		ND		0.0011		ND	
1,2,3,7,8-PeCDF	ND		ND		ND		ND		ND	
2,3,4,7,8-PeCDF	ND		ND		ND		ND		ND	
HxCDFs (total)	ND		ND		ND		0.00084		ND	
1,2,3,4,7,8-HxCDF	ND		ND		ND		ND		ND	
1,2,3,6,7,8-HxCDF	ND		ND		ND		ND		ND	
2,3,4,6,7,8-HxCDF	ND		ND		ND		ND		ND	
HpCDFs (total)	ND		0.00026		ND		0.00074		ND	
1,2,3,4,6,7,8-HpCDF	ND		ND		ND		0.00027	J	ND	
1,2,3,4,7,8,9-HpCDF	ND		ND		ND		0.00014	J	ND	
OCDF	ND		0.00083		ND		0.0011		ND	
TCDDs (total)	ND		ND		ND		ND		ND	
HxCDDs (total)	ND		ND		ND		ND		ND	
HpCDDs (total)	ND		ND		ND		ND		ND	
1,2,3,4,6,7,8-HpCDD	ND		ND		ND		ND		ND	
OCDD	ND		ND		ND		0.0004	J	ND	

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

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

Matrix: Subsurface Soil

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

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

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

Matrix: Subsurface Soil

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

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

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

Matrix: Subsurface Soil

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

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

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

Matrix: Subsurface Soil

Parameter	Sample Point 223B0002		Sample Point 223B1214		Sample Point 225B0810		Sample Point 226B1012		Sample Point 226B2022	
	Lab ID: 0002		Lab ID: 0003		Lab ID: 0003		Lab ID: 0006		Lab ID: 0007	
	Borehole: 95-23		Borehole: 95-23		Borehole: 95-25		Borehole: 95-26		Borehole: 95-26	
	Depth: 0'-2'		Depth: 12'-14'		Depth: 8'-10'		Depth: 10'-12'		Depth: 20'-22'	
	Date Sampled: 960307		Date Sampled: 960307		Date Sampled: 960227		Date Sampled: 960222		Date Sampled: 960222	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TCDFs (total)	0.000075		ND		ND		ND		ND	
2,3,7,8-TCDF	0.0000062		ND		ND		ND		ND	
PeCDFs (total)	0.000055		ND		ND		ND		ND	
1,2,3,7,8-PeCDF	ND		ND		ND		ND		ND	
2,3,4,7,8-PeCDF	ND		ND		ND		ND		ND	
HxCDFs (total)	0.000075		ND		ND		ND		ND	
1,2,3,4,7,8-HxCDF	0.00001		ND		ND		ND		ND	
1,2,3,6,7,8-HxCDF	ND		ND		ND		ND		ND	
2,3,4,6,7,8-HxCDF	0.0000087		ND		ND		ND		ND	
HpCDFs (total)	0.000041		ND		ND		ND		ND	
1,2,3,4,6,7,8-HpCDF	0.000024		ND		ND		ND		ND	
1,2,3,4,7,8,9-HpCDF	ND		ND		ND		ND		ND	
OCDF	0.000014		ND		ND		ND		ND	
TCDDs (total)	0.0000012		ND		ND		ND		ND	
HxCDDs (total)	ND		ND		ND		ND		ND	
HpCDDs (total)	0.000023		ND		ND		ND		ND	
1,2,3,4,6,7,8-HpCDD	0.000011		ND		ND		ND		ND	
OCDD	0.000075		ND		ND		ND		ND	

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

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

Matrix: Subsurface Soil

Parameter	Sample Point 227B1416		Sample Point 228B3032		Sample Point		Sample Point		Sample Point	
	Lab ID: 0001		Lab ID: 0005		Lab ID:		Lab ID:		Lab ID:	
	Borehole: 95-27		Borehole: 95-28		Borehole:		Borehole:		Borehole:	
	Depth: 14'-16'		Depth: 30'-32'		Depth:		Depth:		Depth:	
	Date Sampled: 960229		Date Sampled: 960311		Date Sampled:		Date Sampled:		Date Sampled:	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TCDFs (total)	ND		ND							
2,3,7,8-TCDF	ND		ND							
PeCDFs (total)	ND		ND							
1,2,3,7,8-PeCDF	ND		ND							
2,3,4,7,8-PeCDF	ND		ND							
HxCDFs (total)	ND		ND							
1,2,3,4,7,8-HxCDF	ND		ND							
1,2,3,6,7,8-HxCDF	ND		ND							
2,3,4,6,7,8-HxCDF	ND		ND							
HpCDFs (total)	ND		ND							
1,2,3,4,6,7,8-HpCDF	ND		ND							
1,2,3,4,7,8,9-HpCDF	ND		ND							
OCDF	ND		ND							
TCDDs (total)	ND		ND							
HxCDDs (total)	ND		ND							
HpCDDs (total)	ND		ND							
1,2,3,4,6,7,8-HpCDD	ND		ND							
OCDD	ND		ND							

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

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

Matrix: Subsurface Soil Rinsate Blank

Parameter	Sample Point AREA2RB01		Sample Point AREA2RB04		Sample Point		Sample Point		Sample Point	
	Lab ID: 0003		Lab ID: 0001		Lab ID:		Lab ID:		Lab ID:	
	Borehole: RB-01		Borehole: RB-04		Borehole:		Borehole:		Borehole:	
	Depth: Area 2		Depth: Area 2		Depth:		Depth:		Depth:	
	Date Sampled: 960214		Date Sampled: 960226		Date Sampled:		Date Sampled:		Date Sampled:	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TCDFs (total)	ND		ND							
2,3,7,8-TCDF	ND		ND							
PeCDFs (total)	ND		ND							
1,2,3,7,8-PeCDF	ND		ND							
2,3,4,7,8-PeCDF	ND		ND							
HxCDFs (total)	ND		ND							
1,2,3,4,7,8-HxCDF	ND		ND							
1,2,3,6,7,8-HxCDF	ND		ND							
2,3,4,6,7,8-HxCDF	ND		ND							
HpCDFs (total)	ND		ND							
1,2,3,4,6,7,8-HpCDF	ND		ND							
1,2,3,4,7,8,9-HpCDF	ND		ND							
OCDF	ND		ND							
TCDDs (total)	ND		ND							
HxCDDs (total)	ND		ND							
HpCDDs (total)	ND		ND							
1,2,3,4,6,7,8-HpCDD	ND		ND							
OCDD	ND		ND							

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

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

Matrix: Subsurface Soil

Parameter	Sample Point 201B1214		Sample Point 202B0608		Sample Point 203B1214		Sample Point 204B0810		Sample Point 205B0810	
	Lab ID: 786582		Lab ID: 784272		Lab ID: 790057		Lab ID: 790058		Lab ID: 784092	
	Borehole: 95-01		Borehole: 95-02		Borehole: 95-03		Borehole: 95-04		Borehole: 95-05	
	Depth: 12'-14'		Depth: 6'-8'		Depth: 12'-14'		Depth: 8'-10'		Depth: 8'-10'	
	Date Sampled: 2/27/96		Date Sampled: 2/15/96		Date Sampled: 3/12/96		Date Sampled: 3/11/96		Date Sampled: 2/12/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Antimony	3.1	BN	ND		ND		ND		1.1	J
Arsenic	16.1		2	J	0.92	B	1.3		2.4	J
Barium	174		55.8	J	5.9	B	17	B	37	J
Beryllium	0.91		0.31	J	ND		0.08	B	0.36	J
Cadmium	0.56	B	ND		ND		ND		ND	
Chromium	119		12.8	J	6.7		8.9		19	J
Cobalt	8.3		4.8	J	9.3		5.5	B	7.5	J
Copper	268		5.7		20.1	E	12.2	E	69.4	
Lead	2620	*	7.6		7.5		8.6		204	
Mercury	0.22		ND		ND		ND		0.84	
Nickel	51.3		11.3	J	20.9		8.8		14.8	J
Selenium	ND		0.54	J	0.46	B	0.43	B	0.58	J
Silver	0.23	B	ND		ND		ND		0.1	
Thallium	ND		ND		ND		ND		ND	
Vanadium	89.1		10.8	J	3.4	B	5.8		16.3	J
Zinc	350	N	60.9	J	50.4		49.3		166	J
Tin	146		ND		1.1	B	1.2	B	41.8	J
Cyanide	ND		ND		ND		ND		ND	
Sulfide	218		ND		ND		ND		ND	

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

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

Matrix: Subsurface Soil

Parameter	Sample Point 205B1618		Sample Point 206B1416		Sample Point 207B0204		Sample Point 207B1820		Sample Point 208B1618	
	Lab ID: 784100		Lab ID: 787568		Lab ID: 786068		Lab ID: 786069		Lab ID: 787916	
	Borehole: 95-05		Borehole: 95-06		Borehole: 95-07		Borehole: 95-07		Borehole: 95-08	
	Depth: 16'-18'		Depth: 14'-16'		Depth: 2'-4'		Depth: 18'-20'		Depth: 16'-18'	
	Date Sampled: 2/12/96		Date Sampled: 2/29/96		Date Sampled: 2/23/96		Date Sampled: 2/23/96		Date Sampled: 2/29/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Antimony	0.28	J	0.41	BN	0.38	J	ND		ND	
Arsenic	3.1	J	7.6		2.6	J	0.44	J	1.4	
Barium	10	J	18.2	B	9	J	13.5	J	26.3	B
Beryllium	0.11	J	0.18	B	0.06	J	0.11	J	0.33	B
Cadmium	ND		ND		ND		ND		ND	
Chromium	7	J	12		5.2	J	8.5	J	9.8	
Cobalt	6.4	J	13.1		1.4	J	3.9	J	7	
Copper	14.3		30.5		26.2		ND		13.5	
Lead	6.3		7.8	*	18.7		ND		8.4	*
Mercury	ND		ND		0.58		ND		ND	
Nickel	11.9	J	23.2		7.6	J	7.1	J	12.6	
Selenium	0.61	J	0.5	BN	0.49	J	0.39	J	0.52	BN
Silver	ND		ND		ND		ND		ND	
Thallium	ND		ND		ND		ND		ND	
Vanadium	5	J	6.9		6.7	J	3.8	J	10.4	
Zinc	38.4	J	78.6	N	14.5	J	27.8	J	48.5	N
Tin	ND		ND		1.9	J	1.8	J	ND	
Cyanide	ND		ND		13.3	J	ND		1.3	
Sulfide	ND		ND		ND		ND		ND	

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

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

Matrix: Subsurface Soil

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

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

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

Matrix: Subsurface Soil

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

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

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

Matrix: Subsurface Soil

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

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

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

Matrix: Subsurface Soil

Parameter	Sample Point 223B0002		Sample Point 223B1214		Sample Point 225B0810		Sample Point 226B1012		Sample Point 226B2022	
	Lab ID: 788866		Lab ID: 788870		Lab ID: 786586		Lab ID: 786066		Lab ID: 786067	
	Borehole: 95-23		Borehole: 95-23		Borehole: 95-25		Borehole: 95-26		Borehole: 95-26	
	Depth: 0'-2'		Depth: 12'-14'		Depth: 8'-10'		Depth: 10'-12'		Depth: 20'-22'	
	Date Sampled: 3/7/96		Date Sampled: 3/7/96		Date Sampled: 2/27/96		Date Sampled: 2/22/96		Date Sampled: 2/22/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Antimony	0.26	B	ND		0.26	BN	0.25	J	ND	
Arsenic	6.2		9.9		1.6		ND		2.7	J
Barium	50.8		20.6	B	23.4	B	15.7	J	10	J
Beryllium	0.21	B	0.09	B	0.42	B	0.2	J	0.13	J
Cadmium	0.04	B	0.17	B	ND		ND		ND	
Chromium	11.5		10.4		11.8		8	J	3.8	J
Cobalt	9.6		15.4		7.7		5.9	J	5	J
Copper	55.1		950		19.5		13.4		12.4	
Lead	40.6		10.8		11.6	*	5.6		5.3	
Mercury	ND		ND		ND		ND		0.58	
Nickel	15.9		72.7		18		11.5	J	7.9	J
Selenium	0.49	B	0.4	B	ND		ND		ND	
Silver	ND		ND		ND		ND		ND	
Thallium	ND		ND		ND		ND		ND	
Vanadium	9.5		7.7		10.3		6.4	J	3	J
Zinc	85.5		347		59.5	N	36	J	22.4	J
Tin	2.1	B	0.82	B	4.1	B	ND		ND	
Cyanide	ND		ND		ND		ND		ND	
Sulfide	ND		ND		ND		ND		ND	

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

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

Matrix: Subsurface Soil

Parameter	Sample Point 227B1416		Sample Point 228B3032	
	Lab ID: 787567		Lab ID: 790051	
	Borehole: 95-27		Borehole: 95-28	
	Depth: 14'-16'		Depth: 30'-32'	
	Date Sampled: 2/29/96		Date Sampled: 3/11/96	
	Result	Qual	Result	Qual
Antimony	ND		ND	
Arsenic	0.87		1.4	
Barium	23.8	B	11	B
Beryllium	0.23	B	0.07	B
Cadmium	ND		ND	
Chromium	8.2		6.9	
Cobalt	5.6	B	4.6	B
Copper	13.4		9.8	E
Lead	8.6	*	4	
Mercury	ND		ND	
Nickel	10		8.4	
Selenium	0.59	BN	ND	
Silver	ND		ND	
Thallium	ND		ND	
Vanadium	6.5	B	4.6	B
Zinc	46	N	27	
Tin	1.6	B	1.1	B
Cyanide	ND		ND	
Sulfide	ND		ND	

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

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

Matrix: Subsurface Soil Rinse Blank

Parameter	Sample Point AREA2RB01		Sample Point AREA2RB04	
	Lab ID: 784233		Lab ID: 786269	
	Borehole: RB-01		Borehole: RB-04	
	Depth: Area 2		Depth: Area 2	
	Date Sampled: 2/14/96		Date Sampled: 2/26/96	
	Result	Qual	Result	Qual
Antimony	ND		ND	
Arsenic	ND		ND	
Barium	ND		0.0022	B
Beryllium	ND		ND	
Cadmium	ND		ND	
Chromium	ND		ND	
Cobalt	ND		0.00073	B
Copper	0.0045	B	ND	
Lead	0.0019	B	0.0022	B
Mercury	ND		ND	
Nickel	ND		ND	
Selenium	ND		ND	
Silver	ND		ND	
Thallium	ND		ND	
Vanadium	ND		ND	
Zinc	ND		ND	
Tin	ND		ND	
Cyanide	ND		ND	
Sulfide	ND		ND	

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

TABLE 2-3

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSIMMEDIATE RESPONSE ACTION PLAN
FOR THE BUILDING 68 AREASUMMARY OF SOILS/SEDIMENT APPENDIX IX-3 VOLATILES DATA
(Results Presented in Dry-Weight Parts Per Million ppm)

Sample Media	River Sediment			Riverbank Soil										
	3-6C-3(07-3-4) 08/09/98	3-6C-4(07-2-5) 08/09/98	58S-1(10-12) 08/07/98	58S-3(8-8) 08/07/98	58S-3(8-10) 08/09/98	58S-4(07-2) 08/08/98	58S-4(7-4) 08/08/98	58S-4(4-6) 08/08/98	58S-4(6-8) 08/08/98	58S-4(6-10) 08/08/98	3-6C-EB-4(6-8) 08/05/98	3-6C-EB-5(6-8) 08/05/98	3-6C-EB-1(4-6) 08/05/98	
Volatiles Organics														
Methylene Chloride	0.037 JB	0.005 JB	0.068 JB	ND(0.4)	0.068 JB	0.605 JB	0.003 JB	0.003 JB	0.008 JB	ND(1.9)(0.028 JB)	0.007 JB	0.029 JB	0.018 JB	
Acetone	0.32 JB	0.006 JB	0.006 JB	ND(0.9)	0.1 JB	0.008 JB	0.007 JB	0.006 JB	0.021 JB	ND(1.8)(0.027 JB)	0.048 JB	0.01 JB	0.068 JB	
2-Butanone	ND(0.26)	ND(0.045)	ND(0.045)	ND(0.4)	ND(0.22)	ND(0.038)	ND(0.04)	ND(0.041)	ND(0.044)	ND(1.2)(0.006 J)	0.01 J	ND(0.054)	ND(0.047)	
1,1,1-Trichloroethane	ND(0.15)	ND(0.028)	ND(0.028)	ND(0.9)	ND(0.13)	ND(0.022)	ND(0.023)	ND(0.023)	0.009 J	ND(1.9)(ND(0.026))	ND(0.027)	ND(0.031)	ND(0.027)	
1,2-Dichloropropane	ND(0.15)	ND(0.028)	ND(0.028)	ND(0.85)	ND(0.13)	ND(0.022)	ND(0.023)	ND(0.023)	ND(0.025)	ND(1.2)(ND(0.026))	ND(0.027)	ND(0.031)	ND(0.027)	
Trichloroethene	ND(0.15)	ND(0.028)	ND(0.028)	ND(4.3)	ND(0.13)	ND(0.022)	ND(0.023)	ND(0.023)	ND(0.025)	ND(1.1)(ND(0.026))	0.008 J	ND(0.031)	ND(0.027)	
Tetrachloroethene	ND(0.11)	ND(0.019)	ND(0.019)	ND(4.2)	ND(0.095)	ND(0.016)	ND(0.017)	ND(0.017)	0.002 J	ND(1.1)(ND(0.019))	0.004 J	ND(0.023)	ND(0.023)	
Toluene	ND(0.11)	ND(0.019)	ND(0.019)	ND(7.4)	ND(0.095)	ND(0.016)	0.006 J	0.002 J	ND(0.019)	ND(1.8)(ND(0.019))	0.004 J	ND(0.023)	ND(0.023)	
Chlorobenzene	0.57	ND(0.019)	0.029	0.15	ND(0.016)	ND(0.017)	0.002 J	0.004 J	ND(0.017)	232.7 (0.5)	0.15	0.024	0.004 J	
Ethylbenzene	ND(0.11)	ND(0.019)	ND(0.019)	0.68 J	ND(0.095)	ND(0.016)	0.002 J	0.002 J	ND(0.017)	ND(1.4)(ND(0.019))	ND(0.021)	ND(0.023)	ND(0.02)	
Xylenes (total)	ND(0.15)	ND(0.028)	ND(0.028)	1.27	ND(0.13)	ND(0.022)	0.002 J	0.002 J	ND(0.025)	ND(2.9)(ND(0.026))	ND(0.027)	ND(0.031)	ND(0.027)	
Trichlorofluoromethane	ND(0.15)	ND(0.028)	ND(0.028)	ND(1.1)	ND(0.13)	ND(0.022)	ND(0.023)	ND(0.023)	ND(0.025)	ND(2.9)(ND(0.026))	ND(0.027)	ND(0.031)	ND(0.027)	
Acetophenone	ND(1.5)	ND(0.26)	ND(0.26)	ND(1.10)	ND(1.3)	ND(0.22)	ND(0.23)	ND(0.25)	0.019 J	ND(2.7)(0.032 J)	0.01 JB	ND(0.31)	0.02 JB	
1,2-Dibromo-3-Chloropropane	ND(0.17)	ND(0.065)	ND(0.064)	ND(15)	ND(0.32)	ND(0.054)	ND(0.057)	ND(0.058)	0.001 JB	ND(3.8)(ND(0.044))	ND(0.068)	ND(0.072)	ND(0.068)	
Dichlorodifluoromethane	ND(0.074)	ND(0.013)	ND(0.013)	ND(0.0)	ND(0.063)	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.013)	ND(0.014)	ND(0.014)	ND(0.015)	ND(0.014)	

Sample Media	Riverbank Soil												
	3-6C-EB-1(6-8) 09/05/98	3-6C-EB-10(4-6) 09/04/98	3-6C-EB-10(6-8) 09/04/98	3-6C-EB-13(7.5-9.4)** 09/05/98	3-6C-EB-13(16.9-18.8)** 09/05/98	3-6C-EB-13(18.8-20.7)** 09/05/98	3-6C-EB-13(20.7-22.6)** 09/05/98	3-6C-EB-13(22.6-24.4)** 09/05/98	3-6C-EB-13(24.4-26.3)** 09/05/98	3-6C-EB-13(28.3-28.2)** 09/05/98	3-6C-EB-13(28.3-30.1)** 09/05/98	3-6C-EB-13(30.1-32.0)** 09/05/98	3-6C-EB-13(32.0-33.8)** 09/05/98
Volatiles Organics													
Methylene Chloride	0.012 JB	0.024 JB	0.022 JB(0.019 JB)	0.013 JB	0.012 JB(0.015 JB)	0.014 JB	0.43 JB	0.01 JB	0.012 JB	0.008 JB	0.01 JB	0.012 JB	0.016 JB
Acetone	0.048 JB	0.057 JB	0.046 JB(0.032 JB)	0.029 JB	0.031 JB(0.027 JB)	0.038 JB	ND(1.6)	0.02 JB	0.024 JB	0.019 JB	0.028 JB	0.029 JB	0.015 JB
2-Butanone	0.004 J	ND(0.047)	ND(0.048)(ND(0.045))	ND(0.044)	ND(0.039)(ND(0.04))	ND(0.042)	ND(1.1)	ND(0.041)	ND(0.04)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.038)
1,1,1-Trichloroethane	ND(0.027)	ND(0.027)	ND(0.027)(ND(0.026))	ND(0.025)	ND(0.022)(ND(0.023))	ND(0.024)	0.31 J	ND(0.023)	ND(0.023)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)
1,2-Dichloropropane	ND(0.027)	ND(0.027)	ND(0.027)(ND(0.026))	ND(0.025)	ND(0.022)(ND(0.023))	ND(0.024)	ND(0.2)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.022)
Trichloroethene	ND(0.027)	ND(0.027)	ND(0.027)(ND(0.026))	ND(0.025)	ND(0.022)(ND(0.023))	ND(0.024)	ND(1.0)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.022)	ND(0.022)	ND(0.022)
Tetrachloroethene	ND(0.027)	ND(0.027)	ND(0.027)(ND(0.026))	ND(0.019)	ND(0.017)(ND(0.017))	ND(0.018)	ND(0.98)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.016)
Toluene	ND(0.02)	ND(0.02)	ND(0.021)(ND(0.019))	ND(0.019)	ND(0.017)(ND(0.017))	ND(0.018)	ND(1.7)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.016)
Chlorobenzene	0.07	0.079	0.018 JB(0.024)	0.11	0.11(0.073)	0.11	17	0.078	0.002 J	0.002 J	0.002 J	0.002 J	0.002 J
Ethylbenzene	ND(0.02)	ND(0.02)	ND(0.021)(ND(0.019))	ND(0.019)	0.002 J(ND(0.017))	0.001 J	0.27 J	0.002 J	0.002 J	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.022)
Xylenes (total)	ND(0.027)	ND(0.027)	ND(0.027)(ND(0.026))	ND(0.025)	ND(0.022)(ND(0.023))	ND(0.024)	ND(2.6)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.022)
Trichlorofluoromethane	0.001 J	0.001 J	ND(0.027)(0.001 J)	ND(0.023)	ND(0.022)(ND(0.023))	0.001 J	ND(2.6)	0.001 JB	0.001 JB	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.022)
Acetophenone	0.019 JB	0.02 JB	0.023 JB(0.024 JB)	0.021 JB	0.016 JB(0.016 JB)	0.019 JB	ND(24)	0.021 JB	0.021 JB	0.016 JB	0.016 JB	0.016 JB	0.014 JB
1,2-Dibromo-3-Chloropropane	ND(0.067)	ND(0.068)	ND(0.068)(ND(0.064))	ND(0.062)	ND(0.056)(ND(0.057))	ND(0.056)	ND(3.4)	ND(0.058)	ND(0.057)	ND(0.058)	ND(0.058)	ND(0.055)	ND(0.055)
Dichlorodifluoromethane	ND(0.013)	ND(0.014)	ND(0.014)(0.052 E)	0.02 E	0.003 J(ND(0.011))	0.008 J	ND(0.0)	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)

Notes:

1. Samples were collected by Blastand, Botick & Lee, Inc., and submitted to CompuChem Environmental Corporation for analysis of Appendix IX-3 volatile organic compounds. Only those compounds detected in at least one sample are presented.
2. ND(0.32) - Compound was analyzed for but not detected. The number in parenthesis is the Practical Quantitation Limit (PQL).
3. [] - Field duplicate analysis.
4. J - Indicates an estimated value less than the CLP - required quantitation limit.
5. D - Analysis was performed at a secondary dilution factor.
6. B - Indicates the compound was found in the associated blank as well as in the sample.
7. E - Compound exceeded calibration range.
8. ** - Represents depth penetrated beneath floor of building 68, adjusted for 20 degree angle for boring installation.

GENERAL CONTRACTOR
PITTSFIELD, MASSACHUSETTS

IMMEDIATE RESPONSE ACTION PLAN
FOR THE BUILDING 68 AREA

SUMMARY OF SOILS/SEDIMENT APPENDIX IX+3 SEMIVOLATILES DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

Sample Media:	River Sediment				Riverbank Soil			
Location ID:	3-6C-2(0'-3.2')	3-6C-3(0'-3.4')	3-6C-4(0'-2.5')	3-6C-11(0'-2.3')	68S-3(8'-10')	68S-4(0'-2')	3-6C-EB-13(7.5'-9.4')**	3-6C-EB-13(18.8'-20.7')**
Date Sampled:	09/04/96	08/09/96	08/09/96	09/04/96	08/07/96	08/08/96	09/05/96	09/05/96
Semi-Volatile Organics								
Aniline	ND(0.74)	0.14 J	ND(0.72)	ND(0.76)	0.19 J	0.77 J	ND(0.7)	ND(0.66)
1,3-Dichlorobenzene	2.1	54 D	0.12 J	0.64 J	0.72	ND(2.8)	ND(0.64)	0.2 J
1,4-Dichlorobenzene	16 D	170 D	1.5	2.8	3.3	ND(2.8)	ND(0.65)	0.85
1,2-Dichlorobenzene	1.1	5.6	ND(0.76)	0.093 J	0.17 J	ND(3.2)	ND(0.74)	0.15 J
1,2,4-Trichlorobenzene	28 D	7.7 DJ	5.7	4.8	1.4	3.6	0.19 J	62 D
Naphthalene	ND(0.87)	0.18 J	ND(0.85)	ND(0.9)	0.076 J	0.25 J	ND(0.82)	ND(0.78)
1,2,3-Trichlorobenzene	--	--	--	--	--	--	0.053 J	--
N-Nitroso-di-n-butylamine	ND(1.8)	ND(2.1)	ND(1.8)	ND(1.9)	0.15 J	ND(7.6)	ND(1.8)	ND(1.7)
1,2,4,5-Tetrachlorobenzene	5.0	3.5	7.4 DJ	1.9	0.14 J	3.0 J	ND(1.6)	4.5
Acenaphthylene	0.045 J	ND(0.98)	ND(0.86)	ND(0.91)	ND(0.85)	ND(3.6)	ND(0.84)	ND(0.8)
Acenaphthene	0.76 J	3.0	0.74	ND(0.9)	0.26 J	0.36 J	ND(0.82)	ND(0.78)
Pentachlorobenzene	25 D	8.0 DJ	21 D	3.3	0.38 J	14	ND(0.82)	5.7
Dibenzofuran	ND(0.91)	0.33 J	ND(0.88)	ND(0.94)	0.16 J	0.24 J	ND(0.86)	ND(0.82)
Fluorene	0.34 J	1.3	0.48 J	ND(0.94)	0.25 J	0.38 J	ND(0.86)	ND(0.82)
Hexachlorobenzene	0.7 J	0.81 J	0.26 J	ND(1.1)	ND(0.97)	3.3 J	ND(0.96)	0.22 J
Phenanthrene	0.092 J	1.1	ND(0.79)	ND(0.85)	1.5	3.8	ND(0.78)	ND(0.74)
Anthracene	0.058 J	0.18 J	0.045 J	ND(1.0)	0.3 J	1.3 J	ND(0.92)	ND(0.88)
Di-n-butylphthalate	ND(1.0)	ND(1.1)	ND(0.99)	ND(1.1)	0.16 J	ND(4.2)	ND(0.96)	ND(0.91)
Fluoranthene	0.13 J	1.5	0.34 J	0.28 J	1.7	10	ND(1.2)	ND(1.1)
Pyrene	0.21 J	1.4	0.27 J	0.32 J	1.2	6.4	ND(0.91)	ND(0.87)
Bis(2-ethylhexyl)Phthalate	ND(0.99)	ND(1.1)	ND(0.96)	0.054 J	ND(0.95)	ND(4.0)	0.058 J	ND(0.89)
Benzo (a) Anthracene	0.052 J	ND(0.97)	ND(0.85)	0.15 J	0.56 J	ND(3.6)	ND(0.82)	ND(0.78)
Benzo (b) fluoranthene	0.13 XJ	1.1 X	ND(0.99)	0.26 XJ	1.0 X	ND(4.2) R	ND(0.96)	ND(0.91)
Benzo (k) fluoranthene	0.11 XJ	1.3 X	ND(0.79)	0.22 XJ	1.3 X	ND(3.3) R	ND(0.78)	ND(0.74)
Benzo (a) pyrene	0.052 J	0.33 J	ND(0.85)	0.14 J	0.59 J	ND(3.6) R	ND(0.82)	ND(0.78)
Indeno (1,2,3-c,d) pyrene	ND(0.61)	ND(0.67)	ND(0.59)	0.078 J	0.3 J	ND(2.5)R	ND(0.58)	ND(0.55)
Benzo (g,h,i) perylene	ND(0.82)	ND(0.91)	ND(0.79)	0.1 J	0.17 J	ND(3.3) R	ND(0.78)	ND(0.74)
Chrysene	0.062 J	ND(0.79)	ND(0.69)	0.16 J	0.89	ND(2.9) R	ND(0.68)	ND(0.64)

(See Notes on Page 2 of 2)

TABLE 2-4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

IMMEDIATE RESPONSE ACTION PLAN
FOR THE BUILDING 68 AREA

SUMMARY OF SOILS/SEDIMENT APPENDIX IX+3 SEMIVOLATILES DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to CompuChem Environmental Corporation for analysis of Appendix IX+3 semivolatile organic compounds. Only those compounds detected in at least one sample are presented.
2. ND(0.32) - Compound was analyzed for, but not detected. The number in parenthesis is the Practical Quantitation Limit(PQL).
3. [] - Field duplicate analysis.
4. J - Indicates an estimated value less than the CLP - required quantitation limit.
5. D - Analysis was performed at a secondary dilution factor.
6. X - data has been manually integrated.
7. R - Indicates that the previously reported detection limit or sample result has been rejected due to a major deficiency in the data generation procedure. The data should not be used for any qualitative or quantitative purposes.
8. -- = Analyte not reported by analytical laboratory.
9. **Represents depth penetrated beneath floor of building 68, adjusted for 20 degree angle for boring installation.

TABLE 2-5

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

IMMEDIATE RESPONSE ACTION PLAN
FOR THE BUILDING 68 AREA

SUMMARY OF SOILS/SEDIMENT APPENDIX IX+3 INORGANICS DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

Sample Media:	River Sediment				Riverbank Soil	
	3-6C-3(0'-3.2')	3-6C-4(0'-3.4')	68S-3(8'-10')	68S-4(0'-2')	3-6C-EB-13(7.5'-9.4')**	3-6C-EB-13(18.8'-20.7')**
Location ID:	3-6C-3(0'-3.2')	3-6C-4(0'-3.4')	68S-3(8'-10')	68S-4(0'-2')	3-6C-EB-13(7.5'-9.4')**	3-6C-EB-13(18.8'-20.7')**
Date Sampled	08/09/96	08/09/96	08/07/96	08/08/96	09/05/96	09/05/96
Metals						
Antimony	0.74 J*N	ND(0.29) N	0.39 J*N	7.2 N	0.31 J*N	ND(0.25) N
Arsenic	3.0	1.1 J*	5.1	12	2.4	1.1 J*
Barium	50.4	26.2	35.4	169	41.5	19.7 J*
Beryllium	0.24 J*	0.16 J*	0.34 J*	0.39 J*	0.38 J*	0.16 J*
Cadmium	0.34 J*	ND(0.04)	0.18 J*	2.7	ND(0.04)	ND(0.04)
Chromium	20	6.0	11.2	47.7	12.6 S	9.2 S
Cobalt	6.2 J*	4.3 J*	6.9	7.8	7.8	5.7 J*
Copper	62.3 S	7.7 S	218 S	1400 S	61.6 S	13.7 S
Lead	82.4 NS	4.7 NS	193 NS	1010 NS	20.3 S	6.2 S
Nickel	14.7	9.2	14.4	69.4	18.9	10.5
Selenium	ND(0.44) N	ND(0.39) N	ND(0.38) N	ND(0.33) N	0.52 J*N	ND(0.36) N
Silver	0.33 J*	ND(0.08)	ND(0.08)	3.8	ND(0.08) N	ND(0.07) N
Thallium	ND(0.46)	ND(0.4)	0.47 J*	0.45 J*	ND(0.39)	ND(0.37)
Vanadium	8.9	5.6 J*	11.6	16.3	11.8	5.4 J*
Zinc	116	32.3	93.6	1190	80.9	35.6
Tin	9.1	3.0 J*	7.2	132	3.9 J*	2.1 J*
Mercury	0.19 N	ND(0.13) N	0.26 N	6.1 N	0.14	ND(0.12)

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to CompuChem Environmental Corporation for analysis of Appendix IX+3 inorganic compounds. Only those compounds detected in at least one sample are presented.
2. NA - Not analyzed.
3. ND(0.32) - Compound was analyzed for, but not detected. The number in parenthesis is the detection limit.
4. [] - Field duplicate analysis.
5. N - Spiked sample recovery is not within control limits.
6. J* - The reported value is less than the Contract Required Detection limit(CRDL) but greater than the Instrument Detection Limit(IDL).
7. S - Duplicate analysis is not within control limits.
8. **Represents depth penetrated beneath floor of building 68, adjusted for 20 degree angle for boring installation.

TABLE 2-6

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSIMMEDIATE RESPONSE ACTION PLAN
FOR THE BUILDING 68 AREASUMMARY OF SOILS/SEDIMENT APPENDIX IX+3 DIOXINS/FURANS DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

Sample Media:	River Sediment			Riverbank Soil		
	3-6C-3(0'-3.2')	3-6C-4(0'-3.4')	68S-3(8'-10')	68S-4(0'-2')	3-6C-EB-13(7.5'-9.4')**	3-6C-EB-13(18.8'-20.7')**
Location ID:						
Date Sampled:	08/09/96	08/09/96	08/07/96	08/08/96	09/05/96	09/05/96
Dioxins						
CDDs(total)	0.00091	ND(0.0000083)	ND(0.00012)	0.00058	0.00005	ND(0.0005)
3,7,8-TCDD	0.000069	ND(0.0000037)	ND(0.00012)	0.000042	0.0000018 J	ND(0.0005)
PeCDDs(total)	0.000059	ND(0.00002)	ND(0.029)	0.00055	ND(0.000013)	ND(0.043)
HxCDDs(total)	0.00059	ND(0.0000069)	ND(0.0011)	0.00049	0.000021	ND(0.0017)
2,3,4,7,8-HxCDD	0.000033 J**	ND(0.0000014)	ND(0.000045)	0.00011	ND(0.000015)	ND(0.000046)
2,3,6,7,8-HxCDD	0.000043 J**	ND(0.0000014)	ND(0.000037)	0.00016	ND(0.000025)	ND(0.000047)
2,3,7,8,9-HxCDD	0.000078	ND(0.0000015)	ND(0.00004)	0.00022	ND(0.0000035)	ND(0.000043)
HpCDDs(total)	0.0014	ND(0.00001)	ND(0.000038)	0.0013	0.000024	ND(0.000092)
2,3,4,6,7,8-HpCDD	0.00053	ND(0.0000094)	ND(0.000017)	0.00056	0.000012 J	ND(0.000092)
OCDD	0.0029	0.000089 J**	ND(0.00004)	0.0011	0.000096	ND(0.000085)
Total PCDDs	0.00586	0.000089	ND	0.00402	0.000191	ND
Furans						
PCDFs(total)	0.002	0.0004	ND(0.00053)	0.038	0.0011	ND(0.0001)
3,7,8-TCDF	0.00021	0.000051	ND(0.000097)	0.0049	0.00027 J	ND(0.000046)
PeCDFs(total)	0.0022	0.00062	0.00077	0.037	0.00045	ND(0.00014)
2,3,7,8-PeCDF	0.00012	0.000042 J**	ND(0.000069)	0.0038	0.000054	ND(0.00014)
2,3,4,7,8-PeCDF	0.00022	0.000089 J**	ND(0.0001)	0.0048	0.000045	ND(0.00014)
HxCDFs(total)	0.0037	0.0011	0.00062	0.048	0.00024	0.00042
2,3,4,7,8-HxCDF	0.0016	0.00057	ND(0.00027)	0.023	0.000083	0.00036
2,3,6,7,8-HxCDF	ND(0.00064)	0.000054 J**	ND(0.000052)	0.0032	0.000025	ND(0.000069)
2,3,4,6,7,8-HxCDF	0.000094	ND(0.000027)	ND(0.000061)	0.0028	0.000011 J	ND(0.000072)
2,3,7,8,9-HxCDF	ND(0.0000098)	ND(0.0000051)	ND(0.000025)	0.00027	ND(0.0000031)	ND(0.000085)
HpCDFs(total)	0.005	0.0021	0.00069	0.054	0.00012	ND(0.00083)
2,3,4,6,7,8-HpCDF	0.0015	0.00043	0.00021	0.014	0.00006	ND(0.00023)
2,3,4,7,8,9-HpCDF	0.00077	0.00048	0.00013	0.01	0.000023	ND(0.00009)
OCDF	0.0089	0.005	0.00054	0.12	0.00011	0.0012
Total PCDFs	0.0218	0.00922	0.00262	0.297	0.00202	0.00162

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to Quanterra Environmental Services for analysis of Appendix IX+3 dioxins/furans. Only those compounds detected in at least one sample are presented.
2. ND(0.32) - Compound was analyzed for, but not detected. The number in parenthesis is the detection limit.
3. J** - Indicates an estimated value below the lower calibration limit, but above the target detection limit.
4. TBA - Data not yet available.
5. Total PCDDs/PCDFs determined as sum of total homolog concentrations; non-detect values considered to be zero.
6. ** - Represents depth penetrated beneath floor of building 68, adjusted for 20 degree angle for boring installation.

TABLE 2-7

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSIMMEDIATE RESPONSE ACTION PLAN
FOR THE BUILDING 68 AREASUMMARY OF GROUNDWATER APPENDIX IX+3 DATA
(Results Presented in Parts Per Million, ppm)

Location ID:	3-6C-EB-13(unfiltered)	3-6C-EB-13(filtered)
Date Sampled:	09/09/96	09/09/96
Volatile Organics		
Chlorobenzene	0.027	NA
Semi-Volatile Organics		
1,3-Dichlorobenzene	0.015	NA
1,4-Dichlorobenzene	0.054	NA
1,2-Dichlorobenzene	0.018	NA
1,2,4-Trichlorobenzene	1.2D	NA
N-Nitrosopiperdine	0.002J	NA
1,2,4,5-Tetrachlorobenzene	0.035	NA
Pentachlorobenzene	0.021	NA
Bis(2-Ethylhexyl)Phthalate	0.002BJ	NA
PCBs		
Aroclor 1254	ND(0.0062)	0.0011
Aroclor 1260	0.021	ND(0.00033)
Inorganics		
Barium	0.0133J*	0.0122J*
Cobalt	ND(0.0023)	0.0024J*
Copper	0.0024J*	0.0021J*
Thallium	0.0032J*	ND(0.0032)
Zinc	0.0122J*	0.0238
Mercury	ND(0.0002)	0.00052N
Dioxins/Furans		
OCDF	0.000061	NA

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to Quanterra Environmental Services for Appendix IX+3 analysis(excluding pesticide and herbicides). Only those compounds detected in at least one sample are presented.
2. ND(0.32) - Compound was analyzed for, but not detected. The number in parenthesis is the detection limit.
3. NA - Not analyzed.
4. J - Indicates an estimated value less than the CLP - required quantitation limit.
5. J* - The reported value is less than the Contract Required Detection limit(CRDL) greater than the Instrument Detection Limit(IDL).
6. D - Analysis was performed at a secondary dilution factor.
7. B - Indicates the compound was found in the associated method blank as well as the sample.
8. N - Spiked sample recovery is not within control limits.

TABLE 7

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

REVISED ADDENDUM TO MCP SUPPLEMENTAL PHASE II SCOPE OF WORK AND RCRA FACILITY INVESTIGATION OF
EAST STREET AREA 2 / USEPA AREA 4

SUMMARY OF 1997 SURFACE SOIL/SHALLOW SOIL APPENDIX IX-3 RESULTS (PPM, DRY WEIGHT)

Sample ID Sample Depth(feet) Date Collected	206S 0-0.5 9/17/97	207S 0-0.5 9/17/97	208S 0-0.5 9/17/97	209S 0-0.5 9/17/97	210S 0-0.5 9/17/97	211S 0-0.5 9/17/97	212S 0-0.5 9/17/97	213S 0-0.5 9/17/97
Volatile Organics								
1,1,1,2-Tetrachloroethane	ND(0.022)	ND(0.021)	ND(0.022)	ND(0.023) [ND(0.022)]	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)
1,1,1-Trichloroethane	ND(0.022)	ND(0.021)	ND(0.022)	ND(0.023) [ND(0.022)]	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)
1,1,2-Tetrachloroethane	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011) [ND(0.011)]	ND(0.011)	ND(0.010)	ND(0.012)	ND(0.012)
1,1,2-Trichloroethane	ND(0.017)	ND(0.016)	ND(0.017)	ND(0.017) [ND(0.017)]	ND(0.016)	ND(0.015)	ND(0.018)	ND(0.017)
1,1-Dichloroethane	ND(0.017)	ND(0.016)	ND(0.017)	ND(0.017) [ND(0.017)]	ND(0.016)	ND(0.015)	ND(0.018)	ND(0.017)
1,1-Dichloroethene	ND(0.022)	ND(0.021)	ND(0.022)	ND(0.023) [ND(0.022)]	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)
1,2,3-Trichloropropane	ND(0.022)	ND(0.021)	ND(0.022)	ND(0.023) [ND(0.022)]	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)
1,2-Dibromo-3-chloropropane	ND(0.056)	ND(0.053)	ND(0.056)	ND(0.057) [ND(0.056)]	ND(0.053)	ND(0.052)	ND(0.053)	ND(0.058)
1,2-Dibromoethane	ND(0.022)	ND(0.021)	ND(0.022)	ND(0.023) [ND(0.022)]	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)
1,2-Dichloroethane	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011) [ND(0.011)]	ND(0.011)	ND(0.010)	ND(0.012)	ND(0.012)
1,2-Dichloropropane	ND(0.022)	ND(0.021)	ND(0.022)	ND(0.023) [ND(0.022)]	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)
1,4-Dioxane	ND(57)	ND(54)	ND(57)	ND(58) [ND(57)]	ND(54)	ND(53)	ND(61)	ND(59)
2-Butanone	0.0030 JB	0.0050 JB	0.0040 JB	0.0020 JB [0.0050 JB]	0.0030 JB	0.0050 JB	0.0030 JB	0.0050 JB
2-Chloroethylvinylether	ND(0.017)	ND(0.016)	ND(0.017)	ND(0.017) [ND(0.017)]	ND(0.016)	ND(0.015)	ND(0.018)	ND(0.017)
2-Hexanone	ND(0.039)	ND(0.037)	ND(0.039)	ND(0.040) [ND(0.039)]	ND(0.037)	ND(0.036)	ND(0.042)	ND(0.041)
3-Chloropropene	ND(0.017)	ND(0.016)	ND(0.017)	ND(0.017) [ND(0.017)]	ND(0.016)	ND(0.015)	ND(0.018)	ND(0.017)
4-Methyl-2-pentanone	ND(0.028)	ND(0.027)	ND(0.028)	ND(0.028) [ND(0.028)]	ND(0.026)	ND(0.026)	ND(0.030)	ND(0.029)
Acetone	0.031 JB	0.037 JB	0.033 JB	0.027 JB [0.030 JB]	0.024 JB	0.031 JB	0.032 JB	0.028 JB
Acetonitrile	ND(0.22)	ND(0.21)	ND(0.22)	ND(0.23) [ND(0.22)]	ND(0.21)	0.0040 J	ND(0.21)	ND(0.21)
Acrolein	ND(0.26)	ND(0.24)	ND(0.26)	ND(0.26) [ND(0.26)]	ND(0.24)	ND(0.24)	ND(0.27)	ND(0.27)
Acrylonitrile	ND(0.23)	ND(0.22)	ND(0.23)	ND(0.24) [ND(0.24)]	ND(0.22)	ND(0.22)	ND(0.25)	ND(0.24)
Benzene	ND(0.017)	ND(0.016)	ND(0.017)	ND(0.017) [ND(0.017)]	ND(0.016)	ND(0.015)	ND(0.018)	ND(0.017)
Bromodichloromethane	ND(0.023)	ND(0.021)	ND(0.022)	ND(0.023) [ND(0.022)]	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)
Bromoform	ND(0.017)	ND(0.016)	ND(0.017)	ND(0.017) [ND(0.017)]	ND(0.016)	ND(0.015)	ND(0.018)	ND(0.017)
Bromomethane	ND(0.022)	ND(0.021)	ND(0.022)	ND(0.023) [ND(0.022)]	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)
Carbon Disulfide	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011) [ND(0.011)]	ND(0.011)	ND(0.010)	ND(0.012)	ND(0.012)
Carbon Tetrachloride	ND(0.017)	ND(0.016)	ND(0.017)	ND(0.017) [ND(0.017)]	ND(0.016)	ND(0.015)	ND(0.018)	ND(0.017)
Chlorobenzene	ND(0.017)	ND(0.016)	ND(0.017)	0.0020 J [ND(0.017)]	ND(0.016)	ND(0.015)	ND(0.018)	ND(0.017)
Chloroethane	ND(0.022)	ND(0.021)	ND(0.022)	ND(0.023) [ND(0.022)]	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)
Chloroform	ND(0.017)	ND(0.016)	ND(0.017)	ND(0.017) [ND(0.017)]	ND(0.016)	ND(0.015)	ND(0.018)	ND(0.017)
Chloromethane	ND(0.039)	ND(0.037)	ND(0.039)	ND(0.040) [ND(0.039)]	ND(0.037)	ND(0.036)	ND(0.042)	ND(0.041)
cis-1,3-Dichloropropene	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011) [ND(0.011)]	ND(0.011)	ND(0.010)	ND(0.012)	ND(0.012)
Dibromochloromethane	ND(0.017)	ND(0.016)	ND(0.017)	ND(0.017) [ND(0.017)]	ND(0.016)	ND(0.015)	ND(0.018)	ND(0.017)
Dibromomethane	ND(0.022)	ND(0.021)	ND(0.022)	ND(0.023) [ND(0.022)]	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)
Dichlorodifluoromethane	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011) [ND(0.011)]	ND(0.011)	ND(0.010)	ND(0.012)	ND(0.012)
Ethyl Methacrylate	ND(0.028)	ND(0.027)	ND(0.028)	ND(0.028) [ND(0.028)]	ND(0.026)	ND(0.026)	ND(0.030)	ND(0.029)
Ethylbenzene	0.0020 J	0.0010 J	0.0020 J	0.0020 J [ND(0.017)]	ND(0.016)	ND(0.015)	ND(0.018)	ND(0.017)
Iodomethane	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011) [ND(0.011)]	ND(0.011)	ND(0.010)	ND(0.012)	ND(0.012)
Isobutanol	ND(14)	ND(14)	ND(14)	ND(15) [ND(15)]	ND(14)	ND(13)	ND(15)	ND(15)
Methacrylonitrile	ND(0.022)	ND(0.021)	ND(0.022)	ND(0.023) [ND(0.022)]	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)
Methyl Methacrylate	ND(0.056)	ND(0.053)	ND(0.056)	ND(0.057) [ND(0.056)]	ND(0.053)	ND(0.052)	ND(0.060)	ND(0.058)
Methylene Chloride	0.072 B	0.014 JB	0.071 B	0.047 B [0.036 B]	0.022 B	0.013 JB	0.014 JB	0.014 JB
Propionitrile	ND(0.66)	ND(0.63)	ND(0.66)	ND(0.67) [ND(0.66)]	ND(0.62)	ND(0.61)	ND(0.70)	ND(0.69)
Styrene	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011) [ND(0.011)]	ND(0.011)	ND(0.010)	ND(0.012)	ND(0.012)
Tetrachloroethene	ND(0.017)	ND(0.016)	ND(0.017)	ND(0.017) [ND(0.017)]	ND(0.016)	ND(0.015)	ND(0.018)	ND(0.017)

TABLE 7

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

REVISED ADDENDUM TO MCP SUPPLEMENTAL PHASE II SCOPE OF WORK AND RCRA FACILITY INVESTIGATION OF
EAST STREET AREA 2 / USEPA AREA 4

SUMMARY OF 1997 SURFACE SOIL/SHALLOW SOIL APPENDIX IX (3) RESULTS (PPM, DRY WEIGHT)

Sample ID Sample Depth(feet) Date Collected	206S 0-0.5 9/17/97	207S 0-0.5 9/17/97	208S 0-0.5 9/17/97	209S 0-0.5 9/17/97	210S 0-0.5 9/17/97	211S 0-0.5 9/17/97	212S 0-0.5 9/17/97	213S 0-0.5 9/17/97	
Volatiles Organics									
Toluene	ND(0.017)	ND(0.016)	ND(0.017)	ND(0.017) [ND(0.017)]	ND(0.016)	ND(0.015)	ND(0.018)	ND(0.017)	
trans-1,2-Dichloroethene	ND(0.017)	ND(0.016)	ND(0.017)	ND(0.017) [ND(0.017)]	ND(0.016)	ND(0.015)	ND(0.018)	ND(0.017)	
trans-1,3-Dichloropropene	ND(0.017)	ND(0.016)	ND(0.017)	ND(0.017) [ND(0.017)]	ND(0.016)	ND(0.015)	ND(0.018)	ND(0.017)	
trans-1,4-Dichloro-2-butene	ND(0.022)	ND(0.021)	ND(0.022)	ND(0.023) [ND(0.022)]	ND(0.021)	ND(0.021)	ND(0.024)	ND(0.021)	
Trichloroethene	ND(0.022)	ND(0.021)	ND(0.022)	ND(0.023) [ND(0.022)]	ND(0.021)	ND(0.021)	ND(0.024)	ND(0.021)	
Trichlorofluoromethane	ND(0.022)	ND(0.021)	ND(0.022)	ND(0.023) [ND(0.022)]	ND(0.021)	ND(0.021)	ND(0.024)	ND(0.021)	
Vinyl Acetate	ND(0.022)	ND(0.021)	ND(0.022)	ND(0.023) [ND(0.022)]	ND(0.021)	ND(0.021)	ND(0.024)	ND(0.021)	
Vinyl Chloride	ND(0.022)	ND(0.021)	ND(0.022)	ND(0.023) [ND(0.022)]	ND(0.021)	ND(0.021)	ND(0.024)	ND(0.021)	
Xylenes (total)	0.0050 J	0.0040 J	0.0060 J	0.0040 J [ND(0.022)]	0.0010 J	0.0040 J	ND(0.024)	ND(0.021)	
Semivolatile Organics									
1,2,4,5-Tetrachlorobenzene	0.12 J	ND(1.4)	ND(1.5)	ND(1.5) [ND(1.5)]	ND(1.4)	ND(1.4)	ND(1.5)	ND(1.5)	
1,2,4-Trichlorobenzene	0.56 J	ND(0.58)	ND(6.2)	ND(0.63) [ND(0.62)]	ND(0.58)	ND(0.57)	ND(0.65)	ND(0.65)	
1,2-Dichlorobenzene	ND(0.61)	ND(0.62)	ND(6.6)	ND(0.67) [ND(0.67)]	ND(0.62)	ND(0.61)	ND(0.70)	ND(0.70)	
1,2-Diphenylhydrazine	ND(0.72)	ND(0.73)	ND(7.7)	ND(0.79) [ND(0.78)]	ND(0.73)	ND(0.72)	ND(0.82)	ND(0.81)	
1,3,5-Trinitrobenzene	ND(0.95)	ND(0.96)	ND(10)	ND(1.0) [ND(1.0)]	ND(0.96)	ND(0.95)	ND(1.1)	ND(1.1)	
1,3-Dichlorobenzene	ND(0.53)	ND(0.54)	ND(5.7)	ND(0.58) [ND(0.58)]	ND(0.54)	ND(0.53)	ND(0.60)	ND(0.60)	
1,3-Dinitrobenzene	ND(0.58)	ND(0.59)	ND(6.3)	ND(0.64) [ND(0.63)]	ND(0.59)	ND(0.58)	ND(0.66)	ND(0.66)	
1,4-Dichlorobenzene	ND(0.54)	ND(0.55)	ND(5.8)	ND(0.59) [ND(0.59)]	ND(0.55)	ND(0.54)	ND(0.62)	ND(0.61)	
1,4-Naphthoquinone	ND(1.7)	ND(1.7)	ND(18)	ND(1.8) [ND(1.8)]	ND(1.7)	ND(1.7)	ND(1.9)	ND(1.9)	
1-Naphthylamine	ND(1.5)	ND(1.5)	ND(16)	ND(1.6) [ND(1.6)]	ND(1.5)	ND(1.5)	ND(1.7)	ND(1.6)	
2,3,4,6-Tetrachlorophenol	ND(1.5)	ND(1.5)	ND(16)	ND(1.6) [ND(1.6)]	ND(1.5)	ND(1.5)	ND(1.7)	ND(1.6)	
2,4,5-Trichlorophenol	ND(1.4)	ND(1.4)	ND(15)	ND(1.5) [ND(1.5)]	ND(1.4)	ND(1.4)	ND(1.5)	ND(1.5)	
2,4,6-Trichlorophenol	ND(1.4)	ND(1.4)	ND(15)	ND(1.5) [ND(1.5)]	ND(1.4)	ND(1.4)	ND(1.5)	ND(1.5)	
2,4-Dichlorophenol	ND(0.57)	ND(0.58)	ND(6.2)	ND(0.63) [ND(0.62)]	ND(0.58)	ND(0.57)	ND(0.65)	ND(0.65)	
2,4-Dimethylphenol	ND(0.63)	ND(0.64)	1.4 J	ND(0.70) [ND(0.69)]	ND(0.64)	ND(0.63)	ND(0.72)	ND(0.72)	
2,4-Dinitrophenol	ND(1.8)	ND(1.8)	ND(19)	ND(1.9) [ND(1.9)]	ND(1.8)	ND(1.8)	ND(2.0)	ND(2.0)	
2,4-Dinitrotoluene	ND(0.69)	ND(0.70)	ND(7.4)	ND(0.75) [ND(0.75)]	ND(0.70)	ND(0.69)	ND(0.78)	ND(0.78)	
2,6-Dichlorophenol	ND(1.2)	ND(1.3)	ND(13)	ND(1.4) [ND(1.4)]	ND(1.3)	ND(1.2)	ND(1.4)	ND(1.4)	
2,6-Dinitrotoluene	ND(0.78)	ND(0.79)	ND(8.4)	ND(0.86) [ND(0.85)]	ND(0.79)	ND(0.78)	ND(0.89)	ND(0.88)	
2-Acetylaminofluorene	ND(0.74)	ND(0.75)	ND(8.0)	ND(0.81) [ND(0.80)]	ND(0.75)	ND(0.74)	ND(0.84)	ND(0.84)	
2-Chloronaphthalene	0.057 J	ND(1.0)	ND(11)	ND(1.1) [ND(1.1)]	ND(1.0)	ND(1.0)	ND(1.1)	ND(1.1)	
2-Chlorophenol	ND(0.65)	ND(0.67)	ND(7.1)	ND(0.72) [ND(0.71)]	ND(0.66)	ND(0.66)	ND(0.75)	ND(0.74)	
2-Methylnaphthalene	0.045 J	ND(0.89)	ND(9.4)	0.078 J [ND(0.95)]	ND(0.89)	ND(0.87)	ND(1.0)	ND(0.99)	
2-Methylphenol	0.072 J	ND(0.69)	3.1 J	ND(0.74) [ND(0.74)]	ND(0.69)	ND(0.68)	ND(0.77)	ND(0.77)	
2-Naphthylamine	ND(0.89)	ND(0.91)	ND(9.6)	ND(0.98) [ND(0.97)]	ND(0.91)	ND(0.90)	ND(1.0)	ND(1.0)	
2-Nitroaniline	ND(1.1)	ND(1.2)	ND(12)	ND(1.3) [ND(1.2)]	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.3)	
2-Nitrophenol	ND(0.64)	ND(0.65)	ND(6.9)	ND(0.71) [ND(0.70)]	ND(0.65)	ND(0.65)	ND(0.73)	ND(0.73)	
2-Proline	ND(1.2)	ND(1.3)	ND(13)	ND(1.4) [ND(1.4)]	ND(1.3)	ND(1.2)	ND(1.4)	ND(1.4)	
3,3'-Dichlorobenzidine	ND(0.52)	ND(0.53)	ND(5.6)	ND(0.57) [ND(0.57)]	ND(0.53)	ND(0.52)	ND(0.59)	ND(0.59)	
3,3'-Dimethylbenzidine	ND(1.0)	ND(1.0)	ND(11)	ND(1.1) [ND(1.1)]	ND(1.0)	ND(1.0)	ND(1.1)	ND(1.1)	
3-Methylcholanthrene	ND(0.63)	ND(0.64)	ND(6.8)	ND(0.70) [ND(0.69)]	ND(0.64)	ND(0.64)	ND(0.72)	ND(0.72)	
3-Methylphenol	0.094 J	ND(1.4)	2.1 J	ND(1.5) [ND(1.5)]	ND(1.4)	ND(1.4)	ND(1.5)	ND(1.5)	
3-Nitroaniline	ND(0.72)	ND(0.73)	ND(7.7)	ND(0.79) [ND(0.78)]	ND(0.72)	ND(0.72)	ND(0.82)	ND(0.81)	
4,6-Dinitro-2-methylphenol	ND(1.9)	ND(1.9)	ND(20)	ND(2.1) [ND(2.0)]	ND(1.9)	ND(1.9)	ND(2.1)	ND(2.1)	
4-Aminobiphenyl	ND(0.43)	ND(0.43)	ND(4.6)	ND(0.47) [ND(0.46)]	ND(0.43)	ND(0.43)	ND(0.49)	ND(0.48)	

TABLE 7

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

REVISED ADDENDUM TO MCP SUPPLEMENTAL PHASE II SCOPE OF WORK AND RCRA FACILITY INVESTIGATION OF
EAST STREET AREA 2 / USEPA AREA 4

SUMMARY OF 1997 SURFACE SOIL/SALLOW SOIL, APPENDIX IX-3 RESULTS (PPM, DRY WEIGHT)

Sample ID Sample Depth(feet) Date Collected	206S 0-0.5 9/17/97	207S 0-0.5 9/17/97	208S 0-0.5 9/17/97	209S 0-0.5 9/17/97	210S 0-0.5 9/17/97	211S 0-0.5 9/17/97	212S 0-0.5 9/17/97	213S 0-0.5 9/17/97
Volatile Organics								
1-Bromophenyl-phenylether	ND(0.78)	ND(0.79)	ND(8.4)	ND(0.86) [ND(0.85)]	ND(0.79)	ND(0.78)	ND(0.89)	ND(0.88)
1-Chloro-3-Methylphenol	ND(0.78)	ND(0.79)	ND(8.4)	ND(0.86) [ND(0.85)]	ND(0.79)	ND(0.78)	ND(0.89)	ND(0.88)
1-Chloroaniline	ND(0.72)	ND(0.73)	ND(7.7)	ND(0.79) [ND(0.78)]	ND(0.73)	ND(0.72)	ND(0.82)	ND(0.81)
1-Chlorobenzilate	ND(0.74)	ND(0.75)	ND(8.0)	ND(0.81) [ND(0.80)]	ND(0.75)	ND(0.74)	ND(0.84)	ND(0.84)
1-Chlorophenyl-phenylether	ND(0.62)	ND(0.63)	ND(6.7)	ND(0.69) [ND(0.68)]	ND(0.63)	ND(0.62)	ND(0.71)	ND(0.71)
1-Methylphenol	0.094 J	ND(1.4)	2.1 J	ND(1.5) [ND(1.5)]	ND(1.4)	ND(1.4)	ND(1.5)	ND(1.5)
1-Nitroaniline	ND(1.1)	ND(1.2)	ND(12)	ND(1.3) [ND(1.2)]	ND(1.2)	ND(1.1)	ND(1.3)	ND(1.3)
1-Nitrophenol	ND(4.7)	ND(4.8)	ND(50)	ND(5.1) [ND(5.1)]	ND(4.8)	ND(4.7)	ND(5.1)	ND(5.1)
1-Nitroquinoline-1-oxide	ND(5.0)	ND(5.1)	ND(54)	ND(5.5) [ND(5.4)]	ND(5.1)	ND(5.0)	ND(5.7)	ND(5.7)
4-Phenylenediamine	ND(0.69)	ND(0.70)	ND(7.4)	ND(0.75) [ND(0.75)]	ND(0.70)	ND(0.69)	ND(0.78)	ND(0.78)
5-Nitro-o-toluidine	ND(1.0)	ND(1.1)	ND(11)	ND(1.1) [ND(1.1)]	ND(1.1)	ND(1.0)	ND(1.2)	ND(1.2)
7,12-Dimethylbenz(a)anthracene	ND(0.43)	ND(0.43)	ND(4.6)	ND(0.47) [ND(0.46)]	ND(0.43)	ND(0.43)	ND(0.49)	ND(0.48)
Acenaphthene	ND(0.69)	ND(0.70)	ND(7.4)	ND(0.75) [ND(0.75)]	ND(0.70)	ND(0.69)	ND(0.78)	ND(0.78)
Acenaphthylene	ND(0.70)	ND(0.71)	ND(7.5)	0.46 J [0.15 J]	ND(0.71)	ND(0.70)	ND(0.79)	ND(0.79)
Acetophenone	0.22 J	ND(0.70)	ND(7.4)	0.11 J [0.058 J]	ND(0.70)	ND(0.69)	ND(0.78)	ND(0.78)
Aniline	ND(0.58)	0.056 J	150 D	ND(0.64) [0.048 J]	ND(0.59)	ND(0.58)	0.091 J	ND(0.66)
Anthracene	0.058 J	ND(0.78)	ND(8.3)	0.16 J [0.057 J]	ND(0.78)	0.039 J	0.11 J	ND(0.87)
Aromatic	ND(0.69)	ND(0.70)	ND(7.4)	ND(0.75) [ND(0.75)]	ND(0.70)	ND(0.69)	ND(0.78)	ND(0.78)
Benzidine	ND(1.7)	ND(1.7)	ND(18)	ND(1.8) [ND(1.8)]	ND(1.7)	ND(1.7)	ND(1.9)	ND(1.9)
Benzo(a)anthracene	0.29 J	0.038 J	0.68 J	1.5 [0.44 J]	0.090 J	0.12 J	0.62 J	0.24 J
Benzo(a)pyrene	0.36 JB	0.036 J	0.73 JB	2.0 B [0.50 JB]	0.097 JB	0.10 JB	0.66 JB	0.21 JB
Benzo(b)fluoranthene	0.67 J	0.054 J	1.1 J	2.3 [0.57 J]	0.12 J	0.12 J	0.84 J	0.25 J
Benzo(g,h,i)perylene	0.23 J	ND(0.65)	0.56 J	1.2 [0.62 J]	0.057 J	0.079 J	0.40 J	0.12 J
Benzo(k)fluoranthene	0.23 JB	ND(0.65)	0.43 JB	0.74 B [0.22 JB]	0.062 JB	0.060 JB	0.40 JB	0.12 JB
Benzyl Alcohol	ND(0.57)	ND(0.58)	ND(6.2)	ND(0.63) [ND(0.62)]	ND(0.58)	ND(0.57)	ND(0.65)	ND(0.65)
bis(2-Chloroethoxy)methane	ND(0.70)	ND(0.71)	ND(7.5)	ND(0.77) [ND(0.76)]	ND(0.71)	ND(0.70)	ND(0.79)	ND(0.79)
bis(2-Chloroethyl)ether	ND(0.61)	ND(0.62)	ND(6.6)	ND(0.67) [ND(0.67)]	ND(0.62)	ND(0.61)	ND(0.70)	ND(0.70)
bis(2-Chloroisopropyl)ether	ND(0.68)	ND(0.69)	ND(7.3)	ND(0.74) [ND(0.74)]	ND(0.69)	ND(0.68)	ND(0.77)	ND(0.77)
bis(2-Ethylhexyl)phthalate	0.26 J	0.075 J	1.3 J	0.087 J [ND(0.85)]	0.18 J	ND(0.78)	0.20 J	0.13 J
Borybenzylphthalate	ND(0.71)	ND(0.72)	ND(7.6)	ND(0.78) [ND(0.77)]	ND(0.72)	ND(0.71)	ND(0.81)	ND(0.80)
Chrysene	0.30 JB	0.049 JB	0.97 JB	1.8 B [0.55 JB]	0.10 JB	0.12 JB	0.61 JB	0.21 JB
Di-n-Butylphthalate	0.94	ND(0.81)	ND(8.6)	ND(0.88) [ND(0.87)]	ND(0.81)	0.050 J	ND(0.91)	ND(0.91)
Di-n-Octylphthalate	ND(0.50)	ND(0.51)	ND(5.4)	ND(0.55) [ND(0.54)]	ND(0.51)	ND(0.50)	ND(0.57)	ND(0.57)
Diallate	ND(0.69)	ND(0.70)	ND(7.4)	ND(0.75) [ND(0.75)]	ND(0.70)	ND(0.69)	ND(0.78)	ND(0.78)
Dibenz(a,h)anthracene	ND(0.45)	ND(0.45)	ND(4.8)	0.33 J [0.12 J]	ND(0.45)	ND(0.45)	0.085 J	ND(0.51)
Dibenzofuran	ND(0.72)	ND(0.73)	ND(7.7)	ND(0.79) [ND(0.78)]	ND(0.73)	ND(0.72)	ND(0.82)	ND(0.81)
Diethylphthalate	ND(0.75)	ND(0.76)	ND(8.1)	ND(0.82) [ND(0.81)]	ND(0.76)	ND(0.75)	ND(0.85)	ND(0.85)
Dimethylphthalate	ND(1.0)	ND(1.0)	ND(11)	ND(1.1) [ND(1.1)]	ND(1.0)	ND(1.0)	ND(1.1)	ND(1.1)
Diphenylamine	0.061 J	ND(1.5)	ND(16)	ND(1.6) [ND(1.6)]	ND(1.5)	ND(1.5)	ND(1.7)	ND(1.6)
Ethyl Methanesulfonate	ND(0.62)	ND(0.63)	ND(6.7)	ND(0.69) [ND(0.68)]	ND(0.63)	ND(0.62)	ND(0.71)	ND(0.71)
Fluoranthene	0.66 J	0.086 J	1.6 J	1.7 [0.51 J]	0.15 J	0.28 J	1.2	0.12 J
Fluorene	ND(0.72)	ND(0.73)	ND(7.7)	0.071 J [ND(0.78)]	ND(0.73)	ND(0.72)	ND(0.82)	ND(0.81)
Hexachlorobenzene	0.051 J	ND(0.81)	ND(8.6)	ND(0.88) [ND(0.87)]	ND(0.81)	ND(0.80)	ND(0.91)	ND(0.91)
Hexachlorobutadiene	ND(0.58)	ND(0.59)	ND(6.3)	ND(0.64) [ND(0.63)]	ND(0.59)	ND(0.58)	ND(0.66)	ND(0.66)
Hexachlorocyclopentadiene	ND(0.69)	ND(0.70)	ND(7.4)	ND(0.75) [ND(0.75)]	ND(0.70)	ND(0.69)	ND(0.78)	ND(0.78)

TABLE 7

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

REVISED ADDENDUM TO MCP SUPPLEMENTAL PHASE II SCOPE OF WORK AND RCRA FACILITY INVESTIGATION OF
EAST STREET AREA 2 / USEPA AREA 4

SUMMARY OF 1997 SURFACE SOIL/SHALLOW SOIL APPENDIX IX-1 RESULTS (PPM, DRY WEIGHT)

Sample ID Sample Depth(feet) Date Collected	206S 0-0.5 9/17/97	207S 0-0.5 9/17/97	208S 0-0.5 9/17/97	209S 0-0.5 9/17/97	210S 0-0.5 9/17/97	211S 0-0.5 9/17/97	212S 0-0.5 9/17/97	213S 0-0.5 9/17/97
Volatiles Organics								
Hexachloroethane	ND(0.62)	ND(0.63)	ND(6.7)	ND(0.69) [ND(0.68)]	ND(0.63)	ND(0.62)	ND(0.71)	ND(0.71)
Hexachloropropene	ND(0.59)	ND(0.60)	ND(6.4)	ND(0.65) [ND(0.64)]	ND(0.60)	ND(0.59)	ND(0.68)	ND(0.67)
Indeno(1,2,3-cd)pyrene	0.22 J	ND(0.49)	0.52 J	1.1 [0.43 J]	0.056 J	0.056 J	0.10 J	0.11 J
Isodrin	ND(0.96)	ND(0.97)	ND(10)	ND(1.1) [ND(1.0)]	ND(0.97)	ND(0.96)	ND(1.1)	ND(1.1)
Isophorone	ND(0.71)	ND(0.72)	ND(7.6)	ND(0.78) [ND(0.77)]	ND(0.72)	ND(0.71)	ND(0.81)	ND(0.80)
Isosafrole	ND(1.4)	ND(1.4)	ND(15)	ND(1.5) [ND(1.5)]	ND(1.4)	ND(1.4)	ND(1.5)	ND(1.5)
Methapyrene	ND(1.4)	ND(1.4)	ND(15)	ND(1.5) [ND(1.5)]	ND(1.4)	ND(1.4)	ND(1.5)	ND(1.5)
Methyl Methanesulfonate	ND(0.73)	ND(0.74)	ND(7.8)	ND(0.80) [ND(0.79)]	ND(0.74)	ND(0.73)	ND(0.83)	ND(0.83)
N-Nitroso-di-n-butylamine	ND(1.5)	ND(1.5)	ND(16)	ND(1.6) [ND(1.6)]	ND(1.5)	ND(1.5)	ND(1.7)	ND(1.6)
N-Nitroso-di-n-propylamine	ND(0.63)	ND(0.64)	ND(6.8)	ND(0.70) [ND(0.69)]	ND(0.64)	ND(0.63)	ND(0.72)	ND(0.72)
N-Nitrosodimethylamine	ND(0.62)	ND(0.63)	ND(6.7)	ND(0.69) [ND(0.68)]	ND(0.63)	ND(0.62)	ND(0.71)	ND(0.71)
N-Nitrosodimethylamine	ND(0.69)	ND(0.70)	ND(7.4)	ND(0.75) [ND(0.75)]	ND(0.70)	ND(0.69)	ND(0.78)	ND(0.78)
N-Nitrosodiphenylamine	0.061 J	ND(1.5)	ND(16)	ND(1.6) [ND(1.6)]	ND(1.5)	ND(1.5)	ND(1.7)	ND(1.6)
N-Nitrosoethyllethylamine	ND(0.56)	ND(0.57)	ND(6.1)	ND(0.62) [ND(0.61)]	ND(0.57)	ND(0.56)	ND(0.64)	ND(0.64)
N-Nitrosomorpholine	ND(0.78)	ND(0.79)	ND(8.4)	ND(0.86) [ND(0.85)]	ND(0.79)	ND(0.78)	ND(0.89)	ND(0.88)
N-Nitrosopiperidine	ND(0.77)	ND(0.78)	ND(8.3)	ND(0.85) [ND(0.84)]	ND(0.78)	ND(0.77)	ND(0.88)	ND(0.87)
N-Nitrosopyrrolidine	ND(0.55)	ND(0.56)	ND(5.9)	ND(0.61) [ND(0.60)]	ND(0.56)	ND(0.55)	ND(0.63)	ND(0.63)
Naphthalene	0.078 J	ND(0.70)	ND(7.4)	0.10 J [0.052 J]	ND(0.70)	ND(0.69)	0.045 J	ND(0.78)
Nitrobenzene	ND(0.71)	ND(0.72)	ND(7.6)	ND(0.78) [ND(0.77)]	ND(0.72)	ND(0.71)	ND(0.81)	ND(0.80)
o,o'-Triethylphosphorothioate	ND(5.5)	ND(5.6)	ND(59)	ND(6.1) [ND(6.0)]	ND(5.6)	ND(5.5)	ND(6.3)	ND(6.2)
o-Toluidine	ND(2.1)	ND(2.1)	4.0 J	ND(2.3) [ND(2.3)]	ND(2.1)	ND(2.1)	ND(2.4)	ND(2.4)
o-Dimethylaminoazobenzene	ND(0.70)	ND(0.71)	ND(7.5)	ND(0.77) [ND(0.76)]	ND(0.71)	ND(0.70)	ND(0.79)	ND(0.79)
Pentachlorobenzene	0.26 J	ND(0.70)	ND(7.4)	ND(0.75) [ND(0.75)]	ND(0.70)	ND(0.69)	ND(0.78)	ND(0.78)
Pentachloroethane	ND(0.86)	ND(0.88)	ND(9.3)	ND(0.95) [ND(0.94)]	ND(0.88)	ND(0.86)	ND(0.98)	ND(0.98)
Pentachloronitrobenzene	ND(0.67)	ND(0.68)	ND(7.2)	ND(0.73) [ND(0.72)]	ND(0.68)	ND(0.67)	ND(0.76)	ND(0.75)
Pentachlorophenol	ND(1.5)	ND(1.5)	ND(16)	ND(1.6) [ND(1.6)]	ND(1.5)	ND(1.5)	ND(1.7)	ND(1.6)
Phenacetin	ND(0.63)	ND(0.64)	ND(6.8)	ND(0.70) [ND(0.69)]	ND(0.64)	ND(0.63)	ND(0.72)	ND(0.72)
Phenanthrene	0.30 J	ND(0.65)	0.84 J	0.49 J [0.23 J]	0.068 J	0.19 J	0.47 J	0.17 J
Phenol	0.45 J	ND(0.60)	21	ND(0.65) [ND(0.64)]	ND(0.60)	ND(0.59)	ND(0.68)	ND(0.67)
Pronamide	ND(0.68)	ND(0.69)	ND(7.3)	ND(0.74) [ND(0.74)]	ND(0.69)	ND(0.68)	ND(0.77)	ND(0.77)
Pyrene	0.64 J	0.075 J	1.3 J	2.7 [0.79 J]	0.15 J	0.25 J	1.1	0.18 J
Pyridine	ND(0.57)	ND(0.58)	ND(6.2)	ND(0.63) [ND(0.62)]	ND(0.58)	ND(0.57)	ND(0.65)	ND(0.65)
Safrole	ND(0.60)	ND(0.61)	ND(6.5)	ND(0.66) [ND(0.66)]	ND(0.61)	ND(0.60)	ND(0.69)	ND(0.68)
Thionazolo	ND(0.70)	ND(0.71)	ND(7.5)	ND(0.77) [ND(0.76)]	ND(0.71)	ND(0.70)	ND(0.79)	ND(0.79)
Furans								
2,3,7,8-TCDF	0.0011 g	0.000044 g	0.00017 g	0.000029 g	0.000015 g	0.000011 g	0.000089 g	0.000016 g
TCDFs (total)	0.012	0.00052	0.0016	0.00019	0.00015	0.000057	0.000093	0.00010
1,2,3,7,8-PeCDF	0.00062	0.000017	0.000057	0.000011	0.0000070	0.0000050 J	0.000036	ND(0.000012)
2,3,4,7,8-PeCDF	0.00097	0.000038	0.00013	0.000014	0.000018	0.0000082	0.000042	ND(0.000012)
PeCDFs (total)	0.023	0.0010	0.0036	0.00023	0.00089	0.000089	0.00081	0.000017
1,2,3,4,7,8-HxCDF	0.0013	0.000032	0.00011	0.000021	0.000049	0.0000097	0.000051	ND(0.000029)
1,2,3,6,7,8-HxCDF	0.0011	0.000017	ND(0.000091) v	ND(0.000011) v	ND(0.000042) v	0.0000052 J	0.000037	ND(0.000027)
1,2,3,7,8,9-HxCDF	0.000017	ND(0.0000054)	ND(0.000021)	ND(0.0000060)	ND(0.0000031)	ND(0.0000038)	ND(0.000010)	ND(0.000011)
1,2,3,4,6,7,8-HxCDF	0.00098	0.000049	0.00010	0.0000087	0.000056	0.0000042 J	0.000036	ND(0.000010)
HxCDFs (total)	0.030	0.00095	0.0026	0.00022	0.0015	0.000082	0.000095	0.000062

TABLE 7

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

REVISED ADDENDUM TO MCP SUPPLEMENTAL PHASE II SCOPE OF WORK AND RCRA FACILITY INVESTIGATION OF
EAST STREET AREA 2 / USEPA AREA 4

SUMMARY OF 1997 SURFACE SOIL/SHALLOW SOIL, APPENDIX IX-3 RESULTS (PPM, DRY WEIGHT)

Sample ID Sample Depth(feet) Date Collected	206S 0-0.5 9/17/97	207S 0-0.5 9/17/97	208S 0-0.5 9/17/97	209S 0-0.5 9/17/97	210S 0-0.5 9/17/97	211S 0-0.5 9/17/97	212S 0-0.5 9/17/97	213S 0-0.5 9/17/97
Volatile Organics								
1,2,3,4,6,7,8-HpCDF	0.0027	0.000082	0.00037	0.00013	0.00020	0.000014	0.00012	0.000015
1,2,3,4,7,8,9-HpCDF	0.00058	0.000075	0.000044	0.000083	0.000012	0.000011	0.000014	ND(0.000031)
HpCDFs (total)	0.0074	0.00017	0.00084	0.00026	0.00052	0.000032	0.00028	0.000010
OCDF	0.0027	0.000037	0.00033	0.00088	0.00084	0.000016	0.00014	0.000014
Total Furans	0.075	0.0027	0.0090	0.00099	0.0011	0.00028	0.0011	0.00018
Dioxins								
2,3,7,8-TCDD	0.000011	ND(0.0000028)	0.0000015	ND(0.0000038)	0.0000090	ND(0.0000015)	0.0000086	ND(0.0000052)
TCDDs (total)	0.00011	ND(0.0000028)	0.000031	0.000037	0.000012	ND(0.0000025)	0.000019	ND(0.0000052)
1,2,3,7,8-PeCDD	ND(0.000062) v	ND(0.0000038)	0.0000065	ND(0.0000082)	0.000087	ND(0.0000032)	ND(0.000021)	ND(0.000011)
PeCDDs (total)	ND(0.00016)	ND(0.000012)	0.000065	ND(0.000031)	0.000029	ND(0.0000079)	ND(0.000011) v	ND(0.000011)
1,2,3,4,7,8-HxCDD	0.000097	ND(0.0000045)	0.0000058	ND(0.0000096)	0.000012	ND(0.0000034)	ND(0.000020)	ND(0.000016)
1,2,3,6,7,8-HxCDD	0.00012	ND(0.0000068)	0.000016	0.000029	0.000014	ND(0.0000021)	0.000019	ND(0.000014)
1,2,3,7,8,9-HxCDD	0.00010	ND(0.0000073)	0.000014	ND(0.000023)	0.000014	ND(0.0000021)	0.000011	ND(0.000014)
HxCDDs (total)	0.0011	0.000028	0.00016	0.000016	0.00018	ND(0.000014)	0.000040	0.000050
1,2,3,4,6,7,8-HpCDD	0.00093	0.000074	0.00019	0.00036	0.00081	0.000064	0.000067	0.000027
HpCDDs (total)	0.0019	0.00015	0.00042	0.00067	0.0017	0.000015	0.00012	0.000051
OCDD	0.0037	0.000050	0.0013	0.00026	0.00033	0.000062	0.00044	0.00032
Total Dioxins	0.0068	0.00068	0.0019	0.00035	0.00072	0.000077	0.00062	0.00038
MDEP TEF	0.0033	0.00011	0.00041	0.00052	0.00012	0.000017	0.00014	0.000086
EPA TEF	0.0011	0.00037	0.00012	0.000016	0.00028	0.000077	0.000048	0.000011
Inorganics								
Antimony	4.40 J* N	ND(0.610) N	4.60 J* N	ND(0.660) N [0.730 J* N]	ND(0.600) N	ND(0.600) N	1.80 J* N	ND(0.660) N
Arsenic	23.9	4.00	7.30	7.50 [7.80]	7.30	5.20	11.0	6.90
Barium	82.8	36.2 J*	36.6 J*	49.7 [49.7]	134	22.0 J*	133	57.3
Beryllium	0.290 J*	0.250 J*	0.260 J*	0.410 J* [0.440 J*]	0.260 J*	0.240 J*	0.420 J*	0.510 J*
Cadmium	1.00	ND(0.0600)	0.930 J*	0.600 J* [0.600 J*]	0.780 J*	0.320 J*	0.690 J*	1.00 J*
Chromium	108	8.60	21.7	17.8 [15.9]	17.9	9.40	14.4	11.9
Copper	236 E	17.4 E	97.8 E	56.9 E [55.6 E]	38.2 E	17.4 E	62.2 E	21.4 E
Lead	405 L	10.9 L	90.8 L	105 L [74.8 L]	33.8 L	15.3 L	132 L	41.2 L
Mercury	0.660	ND(0.0500)	0.300	0.190 [0.240]	ND(0.0500)	ND(0.0500)	0.600	0.0700 J*
Nickel	34.4	11.9	36.0	25.0 [27.3]	26.9	16.1	23.2	19.4
Selenium	1.00	0.970 J*	1.70	2.20 [1.30]	1.30	1.10	1.80	2.50
Silver	3.00	ND(0.170)	0.210 J*	ND(0.180) [ND(0.170)]	ND(0.160)	ND(0.160)	ND(0.190)	ND(0.180)
Thallium	ND(1.00)	ND(1.10)	ND(1.10)	ND(1.10) [ND(1.10)]	ND(1.00)	ND(1.00)	ND(1.20)	ND(1.10)
Tin	27.4	ND(2.00)	3.70 J*	9.30 J* [7.40 J*]	ND(1.90)	ND(1.90)	3.60 J*	ND(2.10)
Vanadium	83.9	8.40 J*	25.0	19.5 [18.4]	15.9	11.8	25.2	15.6
Zinc	273	75.6	492	127 [141]	97.2	59.4	214	103
Cyanide	1.40	ND(0.530)	ND(0.530)	ND(0.570) [2.40]	ND(0.520)	ND(0.510)	ND(0.590)	ND(0.580)
Sulfide	ND(10.0)	24.0	24.0	26.0 [ND(11.0)]	17.0	15.0	ND(12.0)	ND(10.0)
Total Organic Carbon	>16000	15000	>16000	>16000 [>16000]	>16000	>16000	16000	16000

TABLE 7

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ADDENDUM TO MCP SUPPLEMENTAL PHASE II SCOPE OF WORK AND RCRA FACILITY INVESTIGATION OF
EAST STREET AREA 2 / USEPA AREA 4

SUMMARY OF 1997 SURFACE SOIL / SHALLOW SOIL APPENDIX IX+3 RESULTS (PPM, DRY WEIGHT)

Sample ID Sample Depth(feet) Date Collected	95-21 0-2 9/18/97	95-22 0-2 9/18/97	95-24 0-2 9/18/97
Volatile Organics			
1,1,1,2-Tetrachloroethane	ND(0.056)	ND(0.021)	ND(0.022)
1,1,1-Trichloroethane	ND(0.056)	ND(0.021)	ND(0.022)
1,1,2,2-Tetrachloroethane	ND(0.028)	ND(0.011)	ND(0.011)
1,1,2-Trichloroethane	ND(0.042)	ND(0.016)	ND(0.016)
1,1-Dichloroethane	ND(0.042)	ND(0.016)	ND(0.016)
1,1-Dichloroethene	ND(0.056)	ND(0.021)	ND(0.022)
1,2,3-Trichloropropane	ND(0.056)	ND(0.021)	ND(0.022)
1,2-Dibromo-3-chloropropane	ND(0.14)	ND(0.053)	ND(0.054)
1,2-Dibromoethane	ND(0.056)	ND(0.021)	ND(0.022)
1,2-Dichloroethane	ND(0.028)	ND(0.011)	ND(0.011)
1,2-Dichloropropane	ND(0.056)	ND(0.021)	ND(0.022)
1,4-Dioxane	ND(140)	ND(54)	ND(55)
2-Butanone	0.013 JB	0.0040 JB	0.0050 JB
2-Chloroethylvinylether	ND(0.042)	ND(0.016)	ND(0.016)
2-Hexanone	ND(0.098)	ND(0.037)	ND(0.038)
3-Chloropropene	ND(0.042)	ND(0.016)	ND(0.016)
4-Methyl-2-pentanone	ND(0.070)	ND(0.027)	ND(0.027)
Acetone	0.085 JB	0.031 JB	0.031 JB
Acetonitrile	ND(0.56)	ND(0.21)	ND(0.22)
Acrolein	ND(0.65)	ND(0.24)	ND(0.25)
Acrylonitrile	ND(0.59)	ND(0.22)	ND(0.23)
Benzene	ND(0.042)	ND(0.016)	ND(0.016)
Bromodichloromethane	ND(0.056)	ND(0.021)	ND(0.022)
Bromoform	ND(0.042)	ND(0.016)	ND(0.016)
Bromomethane	ND(0.056)	ND(0.021)	ND(0.022)
Carbon Disulfide	ND(0.028)	ND(0.011)	ND(0.011)
Carbon Tetrachloride	ND(0.042)	ND(0.016)	ND(0.016)
Chlorobenzene	0.039 J	ND(0.016)	ND(0.016)
Chloroethane	ND(0.056)	ND(0.021)	ND(0.022)
Chloroform	ND(0.042)	ND(0.016)	ND(0.016)
Chloromethane	ND(0.098)	ND(0.037)	ND(0.038)
cis-1,3-Dichloropropene	ND(0.028)	ND(0.011)	ND(0.011)
Dibromochloromethane	ND(0.042)	ND(0.016)	ND(0.016)
Dibromomethane	ND(0.056)	ND(0.021)	ND(0.022)
Dichlorodifluoromethane	ND(0.028)	ND(0.011)	ND(0.011)
Ethyl Methacrylate	ND(0.070)	ND(0.027)	ND(0.027)
Ethylbenzene	0.55	0.0030 J	ND(0.016)
Iodomethane	ND(0.028)	ND(0.011)	ND(0.011)
Isobutanol	ND(17)	ND(14)	ND(14)
Methacrylonitrile	ND(0.056)	ND(0.021)	ND(0.022)
Methyl Methacrylate	ND(0.14)	ND(0.053)	ND(0.054)
Methylene Chloride	0.022 JB	0.019 B	0.010 JB
Propionitrile	ND(1.7)	ND(0.63)	ND(0.63)
Styrene	ND(0.028)	ND(0.011)	ND(0.011)
Tetrachloroethene	ND(0.042)	ND(0.016)	ND(0.016)

TABLE 7

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ADDENDUM TO MCP SUPPLEMENTAL PHASE II SCOPE OF WORK AND RCRA FACILITY INVESTIGATION OF
EAST STREET AREA 2 / USEPA AREA 4

SUMMARY OF 1997 SURFACE SOIL/SHALLOW SOIL APPENDIX IX+3 RESULTS (PPM, DRY WEIGHT)

Sample ID Sample Depth(feet) Date Collected	95-21 0-2 9/18/97	95-22 0-2 9/18/97	95-24 0-2 9/18/97
Volatile Organics			
Toluene	0.18	ND(0.016)	ND(0.016)
trans-1,2-Dichloroethene	ND(0.042)	ND(0.016)	ND(0.016)
trans-1,3-Dichloropropene	ND(0.042)	ND(0.016)	ND(0.016)
trans-1,4-Dichloro-2-butene	ND(0.056)	ND(0.021)	ND(0.022)
Trichloroethene	ND(0.056)	ND(0.021)	ND(0.022)
Trichlorofluoromethane	ND(0.056)	ND(0.021)	ND(0.022)
Vinyl Acetate	ND(0.056)	ND(0.021)	ND(0.022)
Vinyl Chloride	ND(0.056)	ND(0.021)	ND(0.022)
Xylenes (total)	1.0	0.0090.1	ND(0.022)
Semivolatile Organics			
1,2,4,5-Tetrachlorobenzene	ND(14)	ND(2.7)	ND(1.4)
1,2,4-Trichlorobenzene	ND(6.0)	ND(1.2)	ND(0.60)
1,2-Dichlorobenzene	ND(6.4)	ND(1.2)	ND(0.64)
1,2-Diphenylhydrazine	ND(7.5)	ND(1.5)	ND(0.75)
1,3,5-Trinitrobenzene	ND(9.9)	ND(1.9)	ND(0.99)
1,3-Dichlorobenzene	ND(5.5)	ND(1.1)	ND(0.55)
1,3-Dinitrobenzene	ND(6.1)	ND(1.2)	ND(0.61)
1,4-Dichlorobenzene	ND(5.7)	ND(1.1)	ND(0.56)
1,4-Naphthoquinone	ND(17)	ND(3.4)	ND(1.7)
1-Naphthylamine	ND(15)	ND(3.0)	ND(1.5)
2,3,4,6-Tetrachlorophenol	ND(15)	ND(3.0)	ND(1.5)
2,4,5-Trichlorophenol	ND(14)	ND(2.7)	ND(1.4)
2,4,6-Trichlorophenol	ND(14)	ND(2.7)	ND(1.4)
2,4-Dichlorophenol	ND(6.0)	ND(1.2)	ND(0.60)
2,4-Dimethylphenol	ND(6.6)	ND(1.3)	ND(0.66)
2,4-Dinitrophenol	ND(18)	ND(3.6)	ND(1.8)
2,4-Dinitrotoluene	ND(7.2)	ND(1.4)	ND(0.72)
2,6-Dichlorophenol	ND(13)	ND(2.5)	ND(1.3)
2,6-Dinitrotoluene	ND(8.2)	ND(1.6)	ND(0.81)
2-Acetylamino fluorene	ND(7.7)	ND(1.5)	ND(0.77)
2-Chloronaphthalene	ND(11)	ND(2.1)	ND(1.1)
2-Chlorophenol	ND(6.8)	ND(1.3)	ND(0.68)
2-Methylnaphthalene	310 D	1.6 JB	0.046 J
2-Methylphenol	ND(7.1)	ND(1.4)	ND(0.71)
2-Naphthylamine	ND(9.4)	ND(1.8)	ND(0.93)
2-Nitroaniline	ND(12)	ND(2.3)	ND(1.2)
2-Nitrophenol	ND(6.7)	ND(1.3)	ND(0.67)
2-Picoline	ND(13)	ND(2.5)	ND(1.3)
3,3'-Dichlorobenzidine	ND(5.4)	ND(1.1)	ND(0.54)
3,3'-Dimethylbenzidine	ND(11)	ND(2.1)	ND(1.1)
3-Methylcholanthrene	ND(6.6)	ND(1.3)	ND(0.66)
3-Methylphenol	ND(14)	ND(2.7)	ND(1.4)
3-Nitroaniline	ND(7.5)	ND(1.5)	ND(0.75)
4,6-Dinitro-2-methylphenol	ND(20)	ND(3.8)	ND(2.0)
4-Aminobiphenyl	ND(4.5)	ND(0.87)	ND(0.44)

TABLE 7

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ADDENDUM TO MCP SUPPLEMENTAL PHASE II SCOPE OF WORK AND RCRA FACILITY INVESTIGATION OF
EAST STREET AREA 2 / USEPA AREA 4

SUMMARY OF 1997 SURFACE SOIL/SHALLOW SOIL, APPENDIX IX-3 RESULTS (PPM, DRY WEIGHT)

Sample ID	95-21	95-22	95-24
Sample Depth(feet)	0-2	0-2	0-2
Date Collected	9/18/97	9/18/97	9/18/97
Volatile Organics			
1-Bromophenyl-phenylether	ND(8.2)	ND(1.6)	ND(0.81)
1-Chloro-3-Methylphenol	ND(8.2)	ND(1.6)	ND(0.81)
1-Chloroaniline	ND(7.5)	ND(1.5)	ND(0.75)
1-Chlorobenzilate	ND(7.7)	ND(1.5)	ND(0.77)
1-Chlorophenyl-phenylether	ND(6.5)	ND(1.3)	ND(0.65)
1-Methylphenol	ND(14)	ND(2.7)	ND(1.4)
1-Nitroaniline	ND(12)	ND(2.3)	ND(1.2)
1-Nitrophenol	ND(49)	ND(9.5)	ND(4.9)
1-Nitroquinoline-1-oxide	ND(52)	ND(10)	ND(5.2)
1-Phenylenediamine	ND(7.2)	ND(1.4)	ND(0.72)
5-Nitro-o-toluidine	ND(11)	ND(2.1)	ND(1.1)
7,12-Dimethylbenz(a)anthracene	ND(4.5)	0.097 J	ND(0.44)
Acenaphthene	100 D	0.17 JB	0.039 J
Acenaphthylene	32	1.4	0.21 J
Acetophenone	ND(7.2)	ND(1.4)	ND(0.72)
Aniline	ND(6.1)	ND(1.2)	ND(0.61)
Anthracene	62 DJ	0.61 JB	0.11 J
Aramite	ND(7.2)	ND(1.4)	ND(0.72)
Benzidine	ND(17)	ND(3.4)	0.25 JB
Benzo(a)anthracene	73 D	2.0 B	0.95
Benzo(a)pyrene	71 DJB	2.4 B	1.1 B
Benzo(b)fluoranthene	48 DJ	2.6 B	1.2
Benzo(g,h,i)perylene	34	1.2 J	0.54 J
Benzo(k)fluoranthene	25 B	3.0 B	0.59 JB
Benzyl Alcohol	ND(6.0)	ND(1.2)	ND(0.60)
bis(2-Chloroethoxy)methane	ND(7.3)	ND(1.4)	ND(0.73)
bis(2-Chloroethyl)ether	ND(6.4)	ND(1.2)	ND(0.64)
bis(2-Chloroisopropyl)ether	ND(7.1)	ND(1.4)	ND(0.71)
bis(2-Ethylhexyl)phthalate	ND(8.2)	0.11 J	0.10 J
Butylbenzylphthalate	ND(7.4)	ND(1.4)	ND(0.74)
Chrysene	69 DB	2.3 B	1.2 B
Di-n-Butylphthalate	ND(8.4)	ND(1.6)	ND(0.84)
Di-n-Octylphthalate	ND(5.2)	ND(1.0)	ND(0.52)
Diallate	ND(7.3)	ND(1.4)	ND(0.72)
Dibenzo(a,h)anthracene	7.8	0.29 J	0.12 J
Dibenzofuran	12	0.15 J	ND(0.75)
Diethylphthalate	ND(7.8)	ND(1.5)	ND(0.78)
Dimethylphthalate	ND(11)	ND(2.1)	ND(1.1)
Diphenylamine	ND(15)	ND(3.0)	ND(1.5)
Ethyl Methanesulfonate	ND(6.5)	ND(1.3)	ND(0.65)
Fluoranthene	110 D	3.4 B	2.3
Fluorene	65 DJ	0.93 JB	0.054 J
Hexachlorobenzene	ND(8.4)	ND(1.6)	ND(0.84)
Hexachlorobutadiene	ND(6.1)	ND(1.2)	ND(0.61)
Hexachlorocyclopentadiene	ND(7.2)	ND(1.4)	ND(0.72)

TABLE 7

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ADDENDUM TO MCP SUPPLEMENTAL PHASE II SCOPE OF WORK AND RCRA FACILITY INVESTIGATION OF
EAST STREET AREA 2 / USEPA AREA 4

SUMMARY OF 1997 SURFACE SOIL/SHALLOW SOIL APPENDIX IX+J RESULTS (PPM, DRY WEIGHT)

Sample ID Sample Depth(feet) Date Collected	95-21 0-2 9/18/97	95-22 0-2 9/18/97	95-24 0-2 9/18/97
Volatile Organics			
Hexachloroethane	ND(6.5)	ND(1.3)	ND(0.65)
Hexachloropropene	ND(6.2)	ND(1.2)	ND(0.62)
Indeno(1,2,3-cd)pyrene	25	0.86 J	0.46 J
Isodrin	ND(10)	ND(1.9)	ND(1.0)
Isophorone	ND(7.4)	ND(1.4)	ND(0.74)
Isosafrole	ND(14)	ND(2.7)	ND(1.4)
Methapyrilene	ND(14)	ND(2.7)	ND(1.4)
Methyl Methanesulfonate	ND(7.6)	ND(1.5)	ND(0.76)
N-Nitroso-di-n-butylamine	ND(15)	ND(3.0)	ND(1.5)
N-Nitroso-di-n-propylamine	ND(6.6)	ND(1.3)	ND(0.66)
N-Nitrosodiethylamine	ND(6.5)	ND(1.3)	ND(0.65)
N-Nitrosodimethylamine	ND(7.2)	ND(1.4)	ND(0.72)
N-Nitrosodiphenylamine	ND(15)	ND(3.0)	ND(1.5)
N-Nitrosomethylethylamine	ND(5.9)	ND(1.1)	ND(0.59)
N-Nitrosomorpholine	ND(8.2)	ND(1.6)	ND(0.81)
N-Nitrosopiperidine	ND(8.0)	ND(1.6)	ND(0.80)
N-Nitrosopyrrolidine	ND(5.8)	ND(1.1)	ND(0.58)
Naphthalene	370 D	1.4 B	0.664 J
Nitrobenzene	ND(7.4)	ND(1.4)	ND(0.74)
o,o,o-Triethylphosphorothioate	ND(58)	ND(11)	ND(5.8)
o-Toluidine	ND(22)	ND(4.2)	ND(2.2)
p-Dimethylaminoazobenzene	ND(7.3)	ND(1.4)	ND(0.73)
Pentachlorobenzene	ND(7.2)	0.073 J	ND(0.72)
Pentachloroethane	ND(9.0)	ND(1.8)	ND(0.90)
Pentachloronitrobenzene	ND(7.0)	ND(1.4)	ND(0.69)
Pentachlorophenol	ND(15)	ND(3.0)	ND(1.5)
Phenacetic	ND(6.6)	ND(1.3)	ND(0.66)
Phenanthrene	250 D	6.4 B	1.1
Phenol	ND(6.2)	ND(1.2)	ND(0.62)
Pronamide	ND(7.1)	ND(1.4)	ND(0.71)
Pyrene	230 D	7.5 B	2.7
Pyridine	ND(6.0)	ND(1.2)	ND(0.60)
Safrole	ND(6.3)	ND(1.3)	ND(0.63)
Thionazin	ND(7.3)	ND(1.4)	ND(0.73)
Furans			
2,3,7,8-TCDF	0.000035 g	0.000015 g	0.000074 g
TCDFs (total)	0.00030	0.000096	0.000080
1,2,3,7,8-PeCDF	0.000012	0.0000054	0.000028
2,3,4,7,8-PeCDF	0.000014	0.0000077	0.000015
PeCDFs (total)	0.00025	0.00011	0.00005
1,2,3,4,7,8-HxCDF	0.000018	0.000011	0.000019
1,2,3,6,7,8-HxCDF	0.000014	0.0000046 J	0.000029
1,2,3,7,8,9-HxCDF	ND(0.00000056)	ND(0.00000036)	ND(0.00000099)
2,3,4,6,7,8-HxCDF	0.0000092	0.0000036 J	0.000021
HxCDFs (total)	0.00031	0.000088	0.00054

TABLE 7

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ADDENDUM TO MCP SUPPLEMENTAL PHASE II SCOPE OF WORK AND RCRA FACILITY INVESTIGATION OF
EAST STREET AREA 2 / USEPA AREA 4

SUMMARY OF 1997 SURFACE SOIL/SHALLOW SOIL, APPENDIX IX-3 RESULTS (PPM, DRY WEIGHT)

Sample ID	95-21	95-22	95-24
Sample Depth(feet)	0-2	0-2	0-2
Date Collected	9/18/97	9/18/97	9/18/97
Volatile Organics			
1,2,3,4,6,7,8-HpCDF	0.000047	0.000014	0.000097
1,2,3,4,7,8,9-HpCDF	0.000054	0.000044	0.000016
HpCDFs (total)	0.00012	0.000038	0.00022
OCDF	0.000072 J	0.000028 J	0.00011
Total Furans	0.0011	0.00036	0.0016
Dioxins			
2,3,7,8-TCDD	ND(0.0000067)	ND(0.0000031)	0.0000070
TCDDs (total)	0.000055	0.000014	0.000011
1,2,3,7,8-PeCDD	ND(0.000020)	ND(0.000011)	ND(0.000016)
PeCDDs (total)	0.000028	ND(0.000025)	ND(0.000016)
1,2,3,4,7,8-HxCDD	0.000017	ND(0.0000042)	ND(0.000016)
1,2,3,6,7,8-HxCDD	0.000051 J	ND(0.000013)	0.000034 J
1,2,3,7,8,9-HxCDD	0.000053 J	ND(0.000018)	0.000038 J
HxCDDs (total)	0.00050	0.00017	0.00037
1,2,3,4,6,7,8-HpCDD	0.000074	0.000091	0.000037
HpCDDs (total)	0.00016	0.00020	0.000072
OCDD	0.00047	0.000050	0.00020
Total Dioxins	0.00069	0.00088	0.00032
MDEP TEF	0.00053	0.00020	0.00010
EPA TEF	0.00018	0.000079	0.000040
Inorganics			
Antimony	0.600 J*N	ND(0.620) N	ND(0.590) N
Arsenic	7.50	9.20	8.60
Barium	26.3 J*	30.4 J*	41.2
Beryllium	0.300 J*	0.280 J*	0.110 J*
Cadmium	0.560 J*	0.450 J*	0.530 J*
Chromium	15.9	12.3	12.8
Copper	47.0 F	36.6 E	59.2 F
Lead	65.3 L	30.1 L	71.3 L
Mercury	0.180	ND(0.0500)	0.210
Nickel	25.3	21.5	21.2
Selenium	2.10	1.50	1.20
Silver	ND(0.160)	ND(0.170)	ND(0.160)
Thallium	ND(1.00)	ND(1.10)	ND(1.00)
Tin	5.50 J*	3.50 J*	3.20 J*
Vanadium	14.9	12.9	17.7
Zinc	103	88.3	135
Cyanide	0.680	ND(0.530)	0.710
Sulfide	ND(10.0)	ND(11.0)	ND(11.0)
Total Organic Carbon	NS	NS	NS

TABLE 7

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

REVISED ADDENDUM TO MCP SUPPLEMENTAL PHASE II SCOPE OF WORK AND RCRA FACILITY INVESTIGATION OF
EAST STREET AREA 2 / USEPA AREA 4

SUMMARY OF 1997 SURFACE SOIL/SHALLOW SOIL, APPENDIX IX+3 RESULTS (PPM, DRY WEIGHT)

Notes:

- 1) Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to Compuchem, Inc., for analysis of Appendix IX+3 constituents (excluding herbicides and pesticides) - Refer to Table 6 for PCB data.
- 2) ND - Analyte was not detected. The number in parentheses is the associated quantitation limit for volatiles and semivolatiles and the associated detection limit for other constituents.
- 3) B - Analyte was also detected in the associated method blank.
- 4) g - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.
- 5) v - Indicates an elevated detection limit due to chemical interference.
- 6) f - Indicates an estimated value less than the CLP-required quantitation limit.
- 7) J* - Indicates an estimated value between the instrument detection limit and the CLP-required detection limit.
- 8) L - Sample duplicate results outside control limits.
- 9) N - Indicates sample matrix spike analysis was outside control limits.
- 10) NS - Not Sampled - Parameter was not requested on sample chain of custody form.
- 11) Total dioxins/furans determined as the sum of the total homolog concentrations; non-detect values considered as zero.
- 12) Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using both MDEP's and EPA's Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF congeners, although GE does not accept the validity of these TEFs.
- 13) D - Compound quantitated using a secondary dilution.
- 14) E - Serial dilution results not within 10%. Applicable only if analyte concentration is at least 50X the IDL in original sample.
- 15) Duplicate results are presented in brackets.

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
BUILDING 68 OH/NAPL ASSESSMENT

APPENDIX IX SOIL DATA
(Results in ppm, dry weight)

Sample ID: Sample Depth (feet): Date Collected:	3-6C-EB-22 12 - 14 11/07/97	3-6C-EB-22 14 - 16 11/07/97	3-6C-EB-23 12 - 14 11/06/97	3-6C-EB-24 12 - 14 11/06/97	3-6C-EB-25 16 - 18 11/05/97	3-6C-EB-25 20 - 22 11/05/97
Volatile Organics						
Acetone	0.016 J	0.014 J	0.029 J	0.022 JB	0.055 JB	0.070 JB
Acetonitrile	ND(0.26)	ND(0.22)	ND(0.36)	ND(0.29)	0.070 J	ND(0.22)
2-Butanone	0.0080 J	ND(0.039)	0.014 J	0.0090 J	ND(0.038)	ND(0.039)
Ethylbenzene	0.0010 J	ND(0.017)	ND(0.027)	ND(0.022)	ND(0.016)	ND(0.017)
Methylene Chloride	0.0010 JB	0.0020 JB	0.0020 JB	0.0030 JB	0.018	0.0070 J
1,2-Dibromo-3-Chloropropane	ND(0.064)	ND(0.056)	ND(0.091)	0.0020 JB	ND(0.055)	ND(0.056)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(1.7)	ND(1.4)	ND(2.3)	ND(1.9)	18	1.7
1,2,4-Trichlorobenzene	ND(0.70)	ND(0.61)	ND(0.99)	ND(0.79)	180 J	5.3
2-Methylnaphthalene	0.68 J	ND(0.93)	ND(1.5)	ND(1.2)	ND(9.2)	ND(0.93)
2,4-Dimethylphenol	0.081 J	ND(0.68)	ND(1.1)	ND(0.88)	ND(6.7)	ND(0.67)
3-Methylphenol	0.083 J	ND(1.4)	ND(2.3)	ND(1.9)	ND(1.4)	ND(1.4)
4-Methylphenol	0.083 J	ND(1.4)	ND(2.3)	ND(1.9)	ND(1.4)	ND(1.4)
Acenaphthene	2.3	ND(0.73)	ND(1.2)	ND(0.95)	ND(7.2)	ND(0.73)
Acenaphthylene	0.35 J	ND(0.74)	ND(1.2)	ND(0.96)	ND(7.3)	ND(0.74)
Aniline	0.22 J	ND(0.62)	0.50 J	ND(0.80)	ND(6.1)	ND(0.62)
Anthracene	1.2	ND(0.82)	ND(1.3)	ND(1.1)	ND(8.1)	ND(0.82)
Benzo(a)anthracene	2.6	ND(0.73)	0.13 J	ND(0.95)	ND(7.2)	ND(0.73)
Benzo(a)pyrene	1.8	ND(0.73)	0.14 J	ND(0.95)	ND(7.2)	ND(0.73)
Benzo(b)fluoranthene	1.8	ND(0.85)	0.18 J	ND(1.1)	ND(8.4)	ND(0.85)
Benzo(g,h,i)perylene	0.54 J	ND(0.69)	0.068 J	ND(0.89)	ND(6.8)	ND(0.68)
Benzo(k)fluoranthene	0.73 J	ND(0.69)	0.065 J	ND(0.89)	ND(6.8)	ND(0.68)
Bis(2-ethylhexyl)phthalate	ND(0.96)	ND(0.83)	ND(1.4)	ND(1.1)	ND(8.2)	0.82 J
Chrysene	2.5	ND(0.60)	0.24 J	ND(0.77)	ND(5.9)	ND(0.60)
Dibenzo(a,h)anthracene	0.15 J	ND(0.48)	ND(0.77)	ND(0.62)	ND(4.7)	ND(0.47)
Dibenzofuran	0.093 J	ND(0.77)	3.0	ND(0.99)	ND(7.6)	ND(0.76)
Fluoranthene	5.4	ND(1.0)	0.30 J	ND(1.3)	ND(10)	0.051 J
Fluorene	1.3	ND(0.77)	0.10 J	ND(0.99)	ND(7.6)	ND(0.76)
Hexachlorobenzene	ND(0.98)	ND(0.85)	ND(1.4)	ND(1.1)	0.89 J	0.13 J
Indeno(1,2,3-cd)pyrene	0.50 J	ND(0.51)	0.065 J	ND(0.66)	ND(5.0)	ND(0.51)
Naphthalene	0.96	ND(0.73)	ND(1.2)	ND(0.95)	ND(7.2)	ND(0.73)
Pentachlorobenzene	ND(0.84)	ND(0.73)	ND(1.2)	ND(0.95)	2.9	3.6
Phenanthrene	2.3	ND(0.69)	0.25 J	ND(0.89)	ND(6.8)	0.070 J
Phenol	ND(0.73)	ND(0.63)	0.13 J	ND(0.82)	ND(6.2)	ND(0.63)
Pyrene	6.1	ND(0.81)	0.22 J	ND(1.0)	ND(8.0)	0.053 J

(See notes on Page 3)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
BUILDING 68 OIL/NAPL ASSESSMENT

APPENDIX IX SOIL DATA
(Results in ppm, dry weight)

Sample ID.:	3-6C-EB-26	3-6C-EB-27
Sample Depth (feet):	12 - 14	10 - 12
Date Collected:	11/04/97	11/07/97
Volatile Organics		
Acetone	0.044 JB	0.031 JB
Acetonitrile	ND(0.30)	ND(0.30)
2-Butanone	0.013 J	ND(0.052)
Ethylbenzene	ND(0.023)	ND(0.022)
Methylene Chloride	0.016 J	0.021 J
1,2-Dibromo-3-Chloropropane	ND(0.076)	ND(0.075)
Semivolatile Organics		
1,2,4,5-Tetrachlorobenzene	ND(2.0)	ND(1.9)
1,2,4-Trichlorobenzene	ND(0.83)	ND(0.81)
2-Methylnaphthalene	ND(1.3)	ND(1.2)
2,4-Dimethylphenol	ND(0.92)	ND(0.90)
3-Methylphenol	ND(2.0)	ND(1.9)
4-Methylphenol	ND(2.0)	ND(1.9)
Acenaphthene	ND(0.99)	ND(0.97)
Acenaphthylene	ND(1.0)	ND(0.99)
Aniline	ND(0.84)	ND(0.82)
Anthracene	ND(1.1)	ND(1.1)
Benzo(a)anthracene	ND(0.99)	ND(0.97)
Benzo(a)pyrene	ND(0.99)	ND(0.97)
Benzo(b)fluoranthene	ND(1.2)	ND(1.1)
Benzo(g,h,i)perylene	ND(0.93)	ND(0.91)
Benzo(k)fluoranthene	ND(0.93)	ND(0.91)
Bis(2-ethylhexyl)phthalate	0.095 J	ND(1.1)
Chrysene	ND(0.81)	ND(0.80)
Dibenzo(a,h)anthracene	ND(0.65)	ND(0.63)
Dibenzofuran	ND(1.0)	ND(1.0)
Fluoranthene	ND(1.4)	ND(1.4)
Fluorene	ND(1.0)	ND(1.0)
Hexachlorobenzene	ND(1.2)	ND(1.1)
Indeno(1,2,3-cd)pyrene	ND(0.69)	ND(0.68)
Naphthalene	ND(0.99)	ND(0.97)
Pentachlorobenzene	ND(0.99)	ND(0.97)
Phenanthrene	ND(0.93)	ND(0.91)
Phenol	ND(0.86)	ND(0.84)
Pyrene	ND(1.1)	ND(1.1)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
BUILDING 68 OIL/NAPL ASSESSMENT

APPENDIX IX SOIL DATA
(Results in ppm, dry-weight)

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to Compuchem, Inc. for analysis of Appendix IX VOC's and SVOC's. Only those constituents detected in at least one sample are summarized.
2. ND - Analyte was not detected. The number in parentheses is the associated quantitation limit.
3. J - Indicates an estimated value less than the CLP-required quantitation limit.
4. D - Compound quantitated using a secondary dilution.
5. B - Analyte was also detected in the associated method blank.

* NOTE: Samples with all NDs are not shown on this Table

Table 2-5 Detected Volatile Organic Compound Soil Concentration Data.

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
<i>E2SC-01</i>							
	SS22	38-40	Acetone	0.45	J		mg/kg
			Ethylbenzene	0.21	J		mg/kg
			Xylenes (total)	0.3			mg/kg
<i>E2SC-02</i>							
	SS09	14-15	Acetone	0.42	J		mg/kg
			Chlorobenzene	0.21	J		mg/kg
			Ethylbenzene	1.3			mg/kg
			Xylenes (total)	1.6			mg/kg
<i>E2SC-03</i>							
	SS08	12-14	Acetone	0.045			mg/kg
	SS25	44-46	Benzene	15			mg/kg
			Ethylbenzene	67			mg/kg
			Methylene chloride	3.8	J		mg/kg
			Styrene	140			mg/kg
			Toluene	150			mg/kg
			Xylenes (total)	240			mg/kg
<i>E2SC-03I</i>							
			Benzene	1.3	J		mg/kg
			Ethylbenzene	53			mg/kg
			Toluene	19			mg/kg
			Xylenes (total)	43			mg/kg
<i>E2SC-04</i>							
	SS09	14-15	Acetone	0.026			mg/kg
			Methylene chloride	0.0035	J		mg/kg
<i>E2SC-05</i>							
	SS07	10-12	Acetone	0.021			mg/kg
	SS22	38-40	Acetone	0.0049	J		mg/kg
			Ethylbenzene	0.024			mg/kg

<i>Location</i>	<i>Sample Name</i>	<i>Sample Depth (feet)</i>	<i>Compound</i>	<i>Result</i>	<i>Qualifier</i>	<i>Modifier</i>	<i>Units</i>
			Tetrachloroethene	0.0012	J		mg/kg
			Toluene	0.004	J		mg/kg
			Xylenes (total)	0.033			mg/kg
<i>E2SC-06</i>							
	SS08	12-14					
			Benzene	2.1			mg/kg
			Styrene	2.1			mg/kg
			Toluene	2.3			mg/kg
			Xylenes (total)	1.6			mg/kg
<i>E2SC-07</i>							
	SS09	14-15					
			Acetone	0.018			mg/kg
			Benzene	0.002	J		mg/kg
			Chlorobenzene	0.035			mg/kg
			Ethylbenzene	0.023			mg/kg
			Tetrachloroethene	0.0015	J		mg/kg
			Xylenes (total)	0.071			mg/kg
<i>E2SC-08</i>							
	GS06	N/A					
			Acetone	0.037			mg/kg
			Methylene chloride	0.0018	J		mg/kg
<i>E2SC-09</i>							
	SS06	8-10					
			Acetone	0.63	J		mg/kg
			Benzene	0.13	J		mg/kg
			Chlorobenzene	8.5			mg/kg
			Xylenes (total)	0.37			mg/kg
<i>E2SC-12</i>							
	SS05	0-1					
			Acetone	0.024	J		mg/kg
<i>E2SC-13</i>							
	CS0516	6-15					
			Acetone	0.052			mg/kg
<i>E2SC-15</i>							
	SS08	12-14					
			Acetone	0.024	J		mg/kg
<i>E2SC-16I</i>							
	SS23	40-42					
			Ethylbenzene	1.4			mg/kg

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<i>Location</i>	<i>Sample Name</i>	<i>Sample Depth (feet)</i>	<i>Compound</i>	<i>Result</i>	<i>Qualifier</i>	<i>Modifier</i>	<i>Units</i>	
<i>E2SC-17</i>			Styrene	3.8			mg/kg	
			Toluene	1.6			mg/kg	
			Xylenes (total)	7.7			mg/kg	
	SS05	6-8						
				Acetone	0.0053	J		mg/kg
	SS24	42-44						
				Ethylbenzene	1			mg/kg
			Styrene	1.1			mg/kg	
			Toluene	0.7			mg/kg	
			Xylenes (total)	3.6			mg/kg	

Qualifier

J For organics, result is between MDL and RL.

Modifier

D Dilution

DUP Duplicate Sample

Table 2-6 Detected Semi-Volatile Organic Compound Soil Concentration Data.

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
<i>E2SC-01</i>							
	CS0615	6-15	bis(2-Ethylhexyl) phthalate	0.062	J		mg/kg
			Fluoranthene	0.049	J		mg/kg
			Phenanthrene	0.042	J		mg/kg
			Pyrene	0.043	J		mg/kg
	CS3840	38-40	2-Methylnaphthalene	61		D	mg/kg
			Acenaphthylene	26	J	D	mg/kg
			Anthracene	46		D	mg/kg
			Benzo(a)anthracene	23	J	D	mg/kg
			Benzo(a)pyrene	21	J	D	mg/kg
			Benzo(b)fluoranthene	14	J	D	mg/kg
			Benzo(ghi)perylene	7.4	J	D	mg/kg
			Benzo(k)fluoranthene	6.2	J	D	mg/kg
			Chrysene	21	J	D	mg/kg
			Dibenzofuran	3.3	J	D	mg/kg
			Fluoranthene	51		D	mg/kg
			Fluorene	44		D	mg/kg
			Indeno(1,2,3-cd)pyrene	6.3	J	D	mg/kg
			Naphthalene	95		D	mg/kg
			Phenanthrene	140		D	mg/kg
<i>E2SC-02</i>							
	CS0615	6-15	2-Methylnaphthalene	5.5			mg/kg
			Acenaphthene	6.1			mg/kg
			Acenaphthylene	0.49	J		mg/kg
			Anthracene	3.3			mg/kg
			Benzo(a)anthracene	1.7	J		mg/kg
			Benzo(a)pyrene	1.4	J		mg/kg
			Benzo(b)fluoranthene	0.94	J		mg/kg
			Benzo(ghi)perylene	0.73	J		mg/kg
			Benzo(k)fluoranthene	0.5	J		mg/kg
			Chrysene	1.4	J		mg/kg
			Dibenzofuran	0.31	J		mg/kg
			Fluoranthene	4.4			mg/kg
			Fluorene	3.7			mg/kg

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
			Indeno(1,2,3-cd)pyrene	0.54	J		mg/kg
			Naphthalene	14			mg/kg
			Phenanthrene	11			mg/kg
			Pyrene	5.2			mg/kg
	CS0615D	6-15	2-Methylnaphthalene	1300		D, DUP	mg/kg
			Acenaphthene	140		DUP	mg/kg
			Acenaphthylene	1500		D, DUP	mg/kg
			Anthracene	1700		D, DUP	mg/kg
			Benzo(a)anthracene	390	J	D, DUP	mg/kg
			Benzo(a)pyrene	240		DUP	mg/kg
			Benzo(b)fluoranthene	300		DUP	mg/kg
			Benzo(ghi)perylene	84		DUP	mg/kg
			Benzo(k)fluoranthene	130		DUP	mg/kg
			Chrysene	390	J	D, DUP	mg/kg
			Dibenz(a,h)anthracene	26	J	DUP	mg/kg
			Dibenzofuran	70		DUP	mg/kg
			Fluoranthene	970		D, DUP	mg/kg
			Fluorene	850		D, DUP	mg/kg
			Indeno(1,2,3-cd)pyrene	82		DUP	mg/kg
			Naphthalene	3700		D, DUP	mg/kg
			Phenanthrene	2800		D, DUP	mg/kg
			Phenol	3.2	J	DUP	mg/kg
			Pyrene	1600		D, DUP	mg/kg
	CS4042	40-42	Acenaphthene	0.24	J		mg/kg
			Acenaphthylene	0.11	J		mg/kg
			Anthracene	0.34	J		mg/kg
			Benzo(a)anthracene	0.31	J		mg/kg
			Benzo(a)pyrene	0.28	J		mg/kg
			Benzo(b)fluoranthene	0.17	J		mg/kg
			Benzo(ghi)perylene	0.097	J		mg/kg
			Benzo(k)fluoranthene	0.081	J		mg/kg
			bis(2-Ethylhexyl) phthalate	0.081	J		mg/kg
			Chrysene	0.26	J		mg/kg
			Fluoranthene	0.55			mg/kg
			Fluorene	0.26			mg/kg
			Indeno(1,2,3-cd)pyrene	0.08	J		mg/kg
			Phenanthrene	1.5			mg/kg

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Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units			
E2SC-03	CS0615	6-15	Pyrene	0.99			mg/kg			
			2,4-Dimethylphenol	0.058	J		mg/kg			
			2-Methylnaphthalene	0.33	J		mg/kg			
			Acenaphthene	2.2			mg/kg			
			Acenaphthylene	0.21	J		mg/kg			
			Anthracene	0.3	J		mg/kg			
			Benzo(a)anthracene	0.31	J		mg/kg			
			Benzo(b)fluoranthene	0.29	J		mg/kg			
			Benzo(k)fluoranthene	0.11	J		mg/kg			
			bis(2-Ethylhexyl) phthalate	0.24	J		mg/kg			
			Chrysene	0.34	J		mg/kg			
			Dibenzofuran	0.11	J		mg/kg			
			Fluoranthene	0.8			mg/kg			
			Fluorene	1			mg/kg			
			Naphthalene	5		D	mg/kg			
			Phenanthrene	2.2			mg/kg			
			Pyrene	0.76			mg/kg			
			E2SC-031	CS4448	44-48	2-Methylnaphthalene	1800		D	mg/kg
						Acenaphthene	130			mg/kg
						Acenaphthylene	1300		D	mg/kg
Anthracene	530						mg/kg			
Benzo(a)anthracene	370						mg/kg			
Benzo(a)pyrene	320						mg/kg			
Benzo(b)fluoranthene	210						mg/kg			
Benzo(ghi)perylene	160						mg/kg			
Benzo(k)fluoranthene	100						mg/kg			
Chrysene	320						mg/kg			
Dibenz(a,h)anthracene	41	J					mg/kg			
Dibenzofuran	67	J					mg/kg			
Fluoranthene	830					D	mg/kg			
Fluorene	780					D	mg/kg			
Indeno(1,2,3-cd)pyrene	130						mg/kg			
Naphthalene	4600					D	mg/kg			
Phenanthrene	2400					D	mg/kg			
Pyrene	1200					D	mg/kg			

E2SC-031 - oil sample

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Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
			2-Methylnaphthalene	34000			mg/kg
			Acenaphthene	3800			mg/kg
			Acenaphthylene	19000			mg/kg
			Acetophenone	160	J		mg/kg
			Anthracene	8500			mg/kg
			Benzo(a)anthracene	5500			mg/kg
			Benzo(a)pyrene	4500			mg/kg
			Benzo(b)fluoranthene	2800			mg/kg
			Benzo(ghi)perylene	1100	J		mg/kg
			Benzo(k)fluoranthene	1300	J		mg/kg
			Chrysene	4800			mg/kg
			Dibenz(a,h)anthracene	320	J		mg/kg
			Dibenzofuran	770	J		mg/kg
			Fluoranthene	11000			mg/kg
			Fluorene	11000			mg/kg
			Indeno(1,2,3-cd)pyrene	980	J		mg/kg
			N-Nitrosodiphenylamine	110	J		mg/kg
			Naphthalene	110000			mg/kg
			Phenanthrene	32000			mg/kg
			Pyrene	15000			mg/kg
E2SC-04	CS0615	6-15	bis(2-Ethylhexyl) phthalate	0.14	J	D	mg/kg
E2SC-05	CS0615	6-15	2-Methylnaphthalene	0.64			mg/kg
			Acenaphthene	0.1	J		mg/kg
			Acenaphthylene	0.84			mg/kg
			Acetophenone	0.021	J		mg/kg
			Anthracene	2			mg/kg
			Benzo(a)anthracene	0.49			mg/kg
			Benzo(a)pyrene	0.45			mg/kg
			Benzo(b)fluoranthene	0.33	J		mg/kg
			Benzo(ghi)perylene	0.12	J		mg/kg
			Benzo(k)fluoranthene	0.16	J		mg/kg
			bis(2-Ethylhexyl) phthalate	0.17	J		mg/kg
			Chrysene	0.53			mg/kg
			Dibenzofuran	0.055	J		mg/kg

DNAPL

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
			Fluoranthene	1			mg/kg
			Fluorene	0.73			mg/kg
			Indeno(1,2,3-cd)pyrene	0.1	J		mg/kg
			Naphthalene	0.97			mg/kg
			Phenanthrene	2.8			mg/kg
			Pyrene	1.5			mg/kg
	CS3840	38-40					
			2-Methylnaphthalene	3.1		D	mg/kg
			Acenaphthene	3.5		D	mg/kg
			Acenaphthylene	1.6			mg/kg
			Anthracene	2.4			mg/kg
			Benzo(a)anthracene	1.4			mg/kg
			Benzo(a)pyrene	1.2			mg/kg
			Benzo(b)fluoranthene	0.87			mg/kg
			Benzo(ghi)perylene	0.22	J		mg/kg
			Benzo(k)fluoranthene	0.38			mg/kg
			bis(2-Ethylhexyl) phthalate	0.14	J		mg/kg
			Chrysene	1.2			mg/kg
			Dibenz(a,h)anthracene	0.06	J		mg/kg
			Dibenzofuran	0.28	J		mg/kg
			Fluoranthene	2.6		D	mg/kg
			Fluorene	2.8		D	mg/kg
			Indeno(1,2,3-cd)pyrene	0.21	J		mg/kg
			Naphthalene	4.3		D	mg/kg
			Phenanthrene	9.1		D	mg/kg
			Pyrene	4.5		D	mg/kg
E2SC-06							
	CS0615	6-15					
			2,4-Dimethylphenol	11	J		mg/kg
			2-Methylnaphthalene	4400		D	mg/kg
			3-Methylphenol & 4-Methyl	19	J		mg/kg
			Acenaphthene	340			mg/kg
			Acenaphthylene	4400		D	mg/kg
			Anthracene	8100		D	mg/kg
			Benzo(a)anthracene	1100	J	D	mg/kg
			Benzo(a)pyrene	590			mg/kg
			Benzo(b)fluoranthene	730			mg/kg
			Benzo(ghi)perylene	240			mg/kg
			Benzo(k)fluoranthene	300			mg/kg

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Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
			Chrysene	1200	J	D	mg/kg
			Dibenz(a,h)anthracene	66	J		mg/kg
			Dibenzofuran	200			mg/kg
			Fluoranthene	2500		D	mg/kg
			Fluorene	2700		D	mg/kg
			Indeno(1,2,3-cd)pyrene	230			mg/kg
			Naphthalene	12000		D	mg/kg
			Phenanthrene	8200		D	mg/kg
			Phenol	7.9	J		mg/kg
			Pyrene	4300		D	mg/kg
E2SC-07	CS0615	6-15	2-Methylnaphthalene	0.12	J		mg/kg
			Acenaphthene	0.5			mg/kg
			Acenaphthylene	0.4			mg/kg
			Anthracene	0.52			mg/kg
			Benzo(a)anthracene	0.25	J		mg/kg
			Benzo(a)pyrene	0.22	J		mg/kg
			Benzo(b)fluoranthene	0.16	J		mg/kg
			Benzo(ghi)perylene	0.059	J		mg/kg
			Benzo(k)fluoranthene	0.067	J		mg/kg
			bis(2-Ethylhexyl) phthalate	0.23	J		mg/kg
			Chrysene	0.24	J		mg/kg
			Dibenzofuran	0.053	J		mg/kg
			Fluoranthene	0.56			mg/kg
			Fluorene	0.45			mg/kg
			Indeno(1,2,3-cd)pyrene	0.053	J		mg/kg
			Naphthalene	0.67			mg/kg
			Phenanthrene	1.2			mg/kg
			Pyrene	0.49			mg/kg
E2SC-08	CS0615	6-15	1,4-Dichlorobenzene	2.4			mg/kg
			2-Methylnaphthalene	4.6	J		mg/kg
			Acenaphthene	17			mg/kg
			Acenaphthylene	3	J		mg/kg
			Anthracene	19			mg/kg
			Benzo(a)anthracene	19			mg/kg
			Benzo(a)pyrene	15			mg/kg

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
			Benzo(b)fluoranthene	17			mg/kg
			Benzo(ghi)perylene	6.2	J		mg/kg
			Benzo(k)fluoranthene	7.5	J		mg/kg
			bis(2-Ethylhexyl) phthalate	1.4	J		mg/kg
			Chrysene	20			mg/kg
			Di-n-butyl phthalate	0.96	J		mg/kg
			Dibenz(a,h)anthracene	2.1	J		mg/kg
			Dibenzofuran	7.7	J		mg/kg
			Fluoranthene	56			mg/kg
			Fluorene	19			mg/kg
			Indeno(1,2,3-cd)pyrene	6.5	J		mg/kg
			Naphthalene	5.3	J		mg/kg
			Phenanthrene	79			mg/kg
			Pyrene	38			mg/kg
E2SC-09	CS0615	6-15					
			1,4-Dichlorobenzene	1	J		mg/kg
			2,4-Dimethylphenol	0.26	J		mg/kg
			2-Methylnaphthalene	0.37	J		mg/kg
			Acenaphthene	2.3			mg/kg
			Benzo(a)anthracene	0.86	J		mg/kg
			Benzo(a)pyrene	0.76	J		mg/kg
			Benzo(b)fluoranthene	0.84	J		mg/kg
			Benzo(k)fluoranthene	0.4	J		mg/kg
			bis(2-Ethylhexyl) phthalate	0.2	J		mg/kg
			Chrysene	1	J		mg/kg
			Fluoranthene	1.9			mg/kg
			Indeno(1,2,3-cd)pyrene	0.18	J		mg/kg
			Naphthalene	2.4			mg/kg
			Pyrene	1.5	J		mg/kg
E2SC-10	CS0106	1-6					
			2-Methylnaphthalene	0.19	J		mg/kg
			Acenaphthene	0.11	J		mg/kg
			Acenaphthylene	0.25	J		mg/kg
			Anthracene	0.17	J		mg/kg
			Benzo(a)anthracene	0.15	J		mg/kg
			Benzo(a)pyrene	0.12	J		mg/kg
			Benzo(b)fluoranthene	0.14	J		mg/kg

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<i>Location</i>	<i>Sample Name</i>	<i>Sample Depth (feet)</i>	<i>Compound</i>	<i>Result</i>	<i>Qualifier</i>	<i>Modifier</i>	<i>Units</i>
			Benzo(k)fluoranthene	0.059	J		mg/kg
			bis(2-Ethylhexyl) phthalate	0.21	J		mg/kg
			Chrysene	0.14	J		mg/kg
			Fluoranthene	0.43			mg/kg
			Fluorene	0.22			mg/kg
			Naphthalene	0.31	J		mg/kg
			Phenanthrene	0.79			mg/kg
			Pyrene	0.32	J		mg/kg
<i>E2SC-11</i>							
	CS0615	6-15					
			bis(2-Ethylhexyl) phthalate	0.13	J		mg/kg
<i>E2SC-12</i>							
	CS0615	6-15					
			1,3-Dichlorobenzene	0.13	J		mg/kg
			1,4-Dichlorobenzene	0.66			mg/kg
			2-Methylnaphthalene	0.28	J		mg/kg
			Acenaphthene	0.38	J		mg/kg
			Acenaphthylene	0.15	J		mg/kg
			Anthracene	0.42	J		mg/kg
			Benzo(a)anthracene	0.54			mg/kg
			Benzo(a)pyrene	0.46			mg/kg
			Benzo(b)fluoranthene	0.55			mg/kg
			Benzo(ghi)perylene	0.084	J		mg/kg
			Benzo(k)fluoranthene	0.24	J		mg/kg
			bis(2-Ethylhexyl) phthalate	0.066	J		mg/kg
			Chrysene	0.66			mg/kg
			Di-n-butyl phthalate	0.089	J		mg/kg
			Fluoranthene	1.2			mg/kg
			Fluorene	0.31			mg/kg
			Indeno(1,2,3-cd)pyrene	0.089	J		mg/kg
			Naphthalene	0.18	J		mg/kg
			Phenanthrene	1.5			mg/kg
			Pyrene	1.1			mg/kg
<i>E2SC-13</i>							
	CS0516	6-15					
			Anthracene	0.035	J		mg/kg
			Benzo(a)anthracene	0.089	J		mg/kg
			Benzo(a)pyrene	0.078	J		mg/kg
			Benzo(k)fluoranthene	0.19	J		mg/kg

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Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
E2SC-14	CS0615	6-15	bis(2-Ethylhexyl) phthalate	0.62			mg/kg
			Chrysene	0.091	J		mg/kg
			Fluoranthene	0.22	J		mg/kg
			Phenanthrene	0.13	J		mg/kg
			Pyrene	0.15	J		mg/kg
E2SC-15	CS0615	6-15	bis(2-Ethylhexyl) phthalate	0.28	J		mg/kg
			Di-n-butyl phthalate	0.16	J		mg/kg
E2SC-16	CS0615	6-15	Acenaphthylene	0.031	J		mg/kg
			Benzo(a)anthracene	0.043	J		mg/kg
			Benzo(a)pyrene	0.068	J		mg/kg
			Benzo(b)fluoranthene	0.091	J		mg/kg
			bis(2-Ethylhexyl) phthalate	0.032	J		mg/kg
			Chrysene	0.058	J		mg/kg
			Fluoranthene	0.08	J		mg/kg
			Phenanthrene	0.042	J		mg/kg
			Pyrene	0.055	J		mg/kg
			2,4-Dimethylphenol	0.22	J		mg/kg
2-Methylnaphthalene	0.84			mg/kg			
2-Methylphenol	0.067	J		mg/kg			
3-Methylphenol & 4-Methyl	0.26	J		mg/kg			
Acenaphthene	0.38			mg/kg			
Acenaphthylene	2.4			mg/kg			
Anthracene	4.5		D	mg/kg			
Benzo(a)anthracene	5.8		D	mg/kg			
Benzo(a)pyrene	2.2			mg/kg			
Benzo(ghi)perylene	0.26	J		mg/kg			
Benzo(k)fluoranthene	3.1	J	D	mg/kg			
bis(2-Ethylhexyl) phthalate	0.22	J		mg/kg			
Chrysene	5.1		D	mg/kg			
Di-n-butyl phthalate	0.098	J		mg/kg			
Dibenzofuran	2.5			mg/kg			
Fluoranthene	14		D	mg/kg			
Fluorene	2			mg/kg			

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<i>Location</i>	<i>Sample Name</i>	<i>Sample Depth (feet)</i>	<i>Compound</i>	<i>Result</i>	<i>Qualifier</i>	<i>Modifier</i>	<i>Units</i>
			Indeno(1,2,3-cd)pyrene	0.44			mg/kg
			Naphthalene	0.96			mg/kg
			Phenanthrene	17		D	mg/kg
			Pyrene	11		D	mg/kg
<i>E2SC-161</i>							
	CS4042	40-42					
			2-Methylnaphthalene	210			mg/kg
			Acenaphthylene	140			mg/kg
			Anthracene	55		J	mg/kg
			Benzo(a)anthracene	36		J	mg/kg
			Benzo(a)pyrene	32		J	mg/kg
			Benzo(ghi)perylene	10		J	mg/kg
			Chrysene	32		J	mg/kg
			Fluoranthene	76			mg/kg
			Fluorene	82			mg/kg
			Indeno(1,2,3-cd)pyrene	8.7		J	mg/kg
			Naphthalene	460			mg/kg
			Phenanthrene	240			mg/kg
			Pyrene	110			mg/kg
<i>E2SC-17</i>							
	CS0615	6-15					
			2-Methylnaphthalene	0.2		J	mg/kg
			Acenaphthene	0.47			mg/kg
			Acenaphthylene	0.14		J	mg/kg
			Acetophenone	0.048		J	mg/kg
			Anthracene	0.65			mg/kg
			Benzo(a)anthracene	1.1			mg/kg
			Benzo(a)pyrene	1.1			mg/kg
			Benzo(b)fluoranthene	1.5			mg/kg
			Benzo(ghi)perylene	0.32		J	mg/kg
			Benzo(k)fluoranthene	0.56			mg/kg
			bis(2-Ethylhexyl) phthalate	0.036		J	mg/kg
			Chrysene	1.2			mg/kg
			Dibenz(a,h)anthracene	0.12		J	mg/kg
			Dibenzofuran	0.19		J	mg/kg
			Fluoranthene	1.9			mg/kg
			Fluorene	0.67			mg/kg
			Indeno(1,2,3-cd)pyrene	0.35		J	mg/kg
			Naphthalene	1.9			mg/kg

<i>Location</i>	<i>Sample Name</i>	<i>Sample Depth (feet)</i>	<i>Compound</i>	<i>Result</i>	<i>Qualifier</i>	<i>Modifier</i>	<i>Units</i>
			Phenanthrene	2.1			mg/kg
			Pyrene	1.6			mg/kg
	CS4244	42-44	2-Methylnaphthalene	990			mg/kg
			Acenaphthene	62	J		mg/kg
			Acenaphthylene	730			mg/kg
			Anthracene	300			mg/kg
			Benzo(a)anthracene	200			mg/kg
			Benzo(a)pyrene	170	J		mg/kg
			Benzo(b)fluoranthene	120	J		mg/kg
			Benzo(ghi)perylene	36	J		mg/kg
			Benzo(k)fluoranthene	52	J		mg/kg
			Chrysene	170	J		mg/kg
			Dibenzofuran	33	J		mg/kg
			Fluoranthene	440			mg/kg
			Fluorene	420			mg/kg
			Indeno(1,2,3-cd)pyrene	34	J		mg/kg
			Naphthalene	1700		D	mg/kg
			Phenanthrene	1200			mg/kg
			Pyrene	540			mg/kg

Qualifier

J For organics, result is between MDL and RL.

Modifier

D Dilution

DUP Duplicate Sample

Table 2-7 Detected Dioxin and Furan Concentration Data.

Location	Sample Name	Sample Depth	Compound	Result	Qualifier	Units
E2SC-01	CS0615	6-15	1,2,3,4,6,7,8-HpCDD	0.0000055	j	ug/kg
			HpCDDs (total)	0.0000097		ug/kg
			OCDD	0.000091		ug/kg
			TCDFs (total)	6.1E-07		ug/kg
E2SC-02	CS0615	6-15	1,2,3,4,6,7,8-HpCDD	0.0000043	j	ug/kg
			1,2,3,4,6,7,8-HpCDF	0.000014		ug/kg
			1,2,3,4,7,8,9-HpCDF	0.000012		ug/kg
			1,2,3,4,7,8-HxCDF	0.000016		ug/kg
			2,3,7,8-TCDF	0.0000017	g	ug/kg
			HpCDDs (total)	0.0000091		ug/kg
			HpCDFs (total)	0.000046		ug/kg
			HxCDDs (total)	0.0000053		ug/kg
			HxCDFs (total)	0.000031		ug/kg
			OCDD	0.000017		ug/kg
			OCDF	0.000047		ug/kg
			PeCDFs (total)	0.000014		ug/kg
			TCDDs (total)	0.0000012		ug/kg
			TCDFs (total)	0.0000052		ug/kg
E2SC-03	CS0615	6-15	1,2,3,4,6,7,8-HpCDD	0.00004		ug/kg
			1,2,3,4,6,7,8-HpCDF	0.00012		ug/kg
			1,2,3,4,7,8,9-HpCDF	0.000022		ug/kg
			1,2,3,4,7,8-HxCDF	0.000028		ug/kg
			1,2,3,6,7,8-HxCDD	0.0000046	j	ug/kg
			1,2,3,7,8,9-HxCDD	0.000004	j	ug/kg
			2,3,4,6,7,8-HxCDF	0.0000067		ug/kg
			2,3,4,7,8-PeCDF	0.000005	j	ug/kg
			2,3,7,8-TCDF	0.0000045	g	ug/kg
			HpCDDs (total)	0.000078		ug/kg
			HpCDFs (total)	0.00025		ug/kg
			HxCDDs (total)	0.000034		ug/kg
			HxCDFs (total)	0.00018		ug/kg
			OCDD	0.00033		ug/kg
			OCDF	0.00011		ug/kg
			PeCDFs (total)	0.000085		ug/kg
			TCDFs (total)	0.000037		ug/kg
OCDD	0.000024		ug/kg			

<i>Location</i>	<i>Sample Name</i>	<i>Sample Depth</i>	<i>Compound</i>	<i>Result</i>	<i>Qualifier</i>	<i>Units</i>
E2SC-04	CS0615	6-15	TCDDs (total)	0.0000091		ug/kg
			1,2,3,4,6,7,8-HpCDD	0.0000032	j	ug/kg
			HpCDDs (total)	0.000007		ug/kg
			HpCDFs (total)	0.0000041		ug/kg
			HxCDFs (total)	0.0000012		ug/kg
			OCDD	0.000032		ug/kg
E2SC-05	CS0615	6-15	2,3,7,8-TCDF	0.0000033	g	ug/kg
			HxCDFs (total)	0.0000045		ug/kg
			PeCDFs (total)	0.000014		ug/kg
			TCDFs (total)	0.000016		ug/kg
E2SC-06	CS0615	6-15	OCDD	0.0000088	j	ug/kg
E2SC-08	CS0615	6-15	1,2,3,4,6,7,8-HpCDD	0.0027		ug/kg
			1,2,3,4,6,7,8-HpCDF	0.0034	E	ug/kg
			1,2,3,4,7,8,9-HpCDF	0.00057		ug/kg
			1,2,3,4,7,8-HxCDD	0.00011		ug/kg
			1,2,3,4,7,8-HxCDF	0.00074		ug/kg
			1,2,3,6,7,8-HxCDD	0.00017		ug/kg
			1,2,3,6,7,8-HxCDF	0.00021		ug/kg
			1,2,3,7,8,9-HxCDD	0.00014		ug/kg
			1,2,3,7,8,9-HxCDF	0.000014		ug/kg
			1,2,3,7,8-PeCDD	0.000071		ug/kg
			1,2,3,7,8-PeCDF	0.000063		ug/kg
			2,3,4,6,7,8-HxCDF	0.00023		ug/kg
			2,3,4,7,8-PeCDF	0.000097		ug/kg
			2,3,7,8-TCDD	0.000016		ug/kg
			2,3,7,8-TCDF	0.00011	g	ug/kg
			HpCDDs (total)	0.0059		ug/kg
			HpCDFs (total)	0.004		ug/kg
			HxCDDs (total)	0.0016		ug/kg
			HxCDFs (total)	0.0083		ug/kg
			OCDD	0.024	E	ug/kg
			OCDF	0.0027		ug/kg
			PeCDDs (total)	0.00018		ug/kg
			PeCDFs (total)	0.0065		ug/kg
TCDDs (total)	0.00059		ug/kg			
TCDFs (total)	0.0018		ug/kg			

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<i>Location</i>	<i>Sample Name</i>	<i>Sample Depth</i>	<i>Compound</i>	<i>Result</i>	<i>Qualifier</i>	<i>Units</i>
			1,2,3,4,6,7,8-HpCDD	0.0011		ug/kg
			1,2,3,4,6,7,8-HpCDF	0.0042	E	ug/kg
			1,2,3,4,7,8,9-HpCDF	0.00034		ug/kg
			1,2,3,4,7,8-HxCDD	0.000068		ug/kg
			1,2,3,4,7,8-HxCDF	0.00033		ug/kg
			1,2,3,6,7,8-HxCDD	0.00011		ug/kg
			1,2,3,6,7,8-HxCDF	0.000084		ug/kg
			1,2,3,7,8,9-HxCDD	0.00012		ug/kg
			1,2,3,7,8,9-HxCDF	0.0000066	j	ug/kg
			1,2,3,7,8-PeCDD	0.000048		ug/kg
			2,3,4,6,7,8-HxCDF	0.000096		ug/kg
			2,3,4,7,8-PeCDF	0.000053		ug/kg
			2,3,7,8-TCDD	0.000021		ug/kg
			2,3,7,8-TCDF	0.000043	g	ug/kg
			HpCDDs (total)	0.0025		ug/kg
			HpCDFs (total)	0.0082		ug/kg
			HxCDDs (total)	0.0024		ug/kg
			HxCDFs (total)	0.0045		ug/kg
			OCDD	0.0075	E	ug/kg
			OCDF	0.0027		ug/kg
			PeCDDs (total)	0.00058		ug/kg
			PeCDFs (total)	0.0023		ug/kg
			TCDDs (total)	0.001		ug/kg
			TCDFs (total)	0.00096		ug/kg
<i>E2SC-10</i>	<i>CS0106</i>	<i>1-6</i>	1,2,3,4,6,7,8-HpCDF	0.0000043	j	ug/kg
			2,3,7,8-TCDF	0.0000033	g	ug/kg
			HpCDFs (total)	0.0000043		ug/kg
			HxCDFs (total)	0.0000043		ug/kg
			OCDD	0.000017		ug/kg
			PeCDFs (total)	0.000011		ug/kg
			TCDFs (total)	0.00003		ug/kg
<i>E2SC-12</i>	<i>CS0615</i>	<i>6-15</i>	1,2,3,4,6,7,8-HpCDD	0.0015		ug/kg
			1,2,3,4,6,7,8-HpCDF	0.0051	E	ug/kg
			1,2,3,4,7,8,9-HpCDF	0.00043		ug/kg
			1,2,3,4,7,8-HxCDD	0.00012		ug/kg
			1,2,3,4,7,8-HxCDF	0.00049		ug/kg
			1,2,3,6,7,8-HxCDD	0.00018		ug/kg
			1,2,3,7,8,9-HxCDD	0.00021		ug/kg

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<i>Location</i>	<i>Sample Name</i>	<i>Sample Depth</i>	<i>Compound</i>	<i>Result</i>	<i>Qualifier</i>	<i>Units</i>
			1,2,3,7,8,9-HxCDF	0.0000099		ug/kg
			1,2,3,7,8-PeCDD	0.000085		ug/kg
			1,2,3,7,8-PeCDF	0.00013		ug/kg
			2,3,4,6,7,8-HxCDF	0.00019		ug/kg
			2,3,4,7,8-PeCDF	0.00015		ug/kg
			2,3,7,8-TCDD	0.00005		ug/kg
			2,3,7,8-TCDF	0.00031	g	ug/kg
			HpCDDs (total)	0.0033		ug/kg
			HpCDFs (total)	0.011		ug/kg
			HxCDDs (total)	0.0026		ug/kg
			HxCDFs (total)	0.0076		ug/kg
			OCDD	0.0093	E	ug/kg
			OCDF	0.0036		ug/kg
			PeCDDs (total)	0.00048		ug/kg
			PeCDFs (total)	0.0048		ug/kg
			TCDDs (total)	0.00095		ug/kg
			TCDFs (total)	0.0043		ug/kg
<i>E2SC-13</i>	<i>CS0516</i>	<i>6-15</i>	TCDFs (total)	0.0000016		ug/kg
<i>E2SC-15</i>	<i>CS0615</i>	<i>6-15</i>	1,2,3,4,6,7,8-HpCDF	0.0000035	j	ug/kg
			2,3,7,8-TCDF	0.0000028	g	ug/kg
			HpCDFs (total)	0.0000075		ug/kg
			HxCDFs (total)	0.000022		ug/kg
			OCDD	0.000014		ug/kg
			PeCDFs (total)	0.000043		ug/kg
			TCDFs (total)	0.000024		ug/kg
<i>E2SC-16</i>	<i>CS0615</i>	<i>6-15</i>	1,2,3,4,6,7,8-HpCDD	0.00005		ug/kg
			1,2,3,4,6,7,8-HpCDF	0.00001		ug/kg
			2,3,7,8-TCDF	0.0000039	g	ug/kg
			HpCDDs (total)	0.000095		ug/kg
			HpCDFs (total)	0.000044		ug/kg
			HxCDDs (total)	0.0000092		ug/kg
			HxCDFs (total)	0.000014		ug/kg
			OCDD	0.00097		ug/kg
			OCDF	0.000021		ug/kg
			PeCDFs (total)	0.000021		ug/kg
			TCDDs (total)	0.000032		ug/kg
			TCDFs (total)	0.000033		ug/kg

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<i>Location</i>	<i>Sample Name</i>	<i>Sample Depth</i>	<i>Compound</i>	<i>Result</i>	<i>Qualifier</i>	<i>Units</i>
			1,2,3,4,6,7,8-HpCDD	0.0000046	j	ug/kg
			1,2,3,4,6,7,8-HpCDF	0.0000031	j	ug/kg
			1,2,3,4,7,8,9-HpCDF	0	U	ug/kg
			1,2,3,4,7,8-HxCDD	0	U	ug/kg
			1,2,3,4,7,8-HxCDF	0.0000059		ug/kg
			1,2,3,6,7,8-HxCDD	0	U	ug/kg
			1,2,3,6,7,8-HxCDF	0.0000036	j	ug/kg
			1,2,3,7,8,9-HxCDD	0	U	ug/kg
			1,2,3,7,8,9-HxCDF	0	U	ug/kg
			1,2,3,7,8-PeCDD	0	U	ug/kg
			1,2,3,7,8-PeCDF	0	U	ug/kg
			13C-1,2,3,4,6,7,8-HpCD	0		ERCEN
			13C-1,2,3,4,6,7,8-HpCDF	0		ERCEN
			13C-1,2,3,4,7,8-HxCDF	0		ERCEN
			13C-1,2,3,6,7,8-HxCDD	0		ERCEN
			13C-1,2,3,7,8-PeCDD	0		ERCEN
			13C-1,2,3,7,8-PeCDF	0		ERCEN
			13C-2,3,7,8-TCDD	0		ERCEN
			13C-2,3,7,8-TCDF	0		ERCEN
			13C-OCDD	0		ERCEN
			2,3,4,6,7,8-HxCDF	0	U	ug/kg
			2,3,4,7,8-PeCDF	0	U	ug/kg
			2,3,7,8-TCDD	0	U	ug/kg
			2,3,7,8-TCDF	7.8E-07	gj	ug/kg
			HpCDDs (total)	0.0000094		ug/kg
			HpCDFs (total)	0.0000082		ug/kg
			HxCDDs (total)	0.000011		ug/kg
			HxCDFs (total)	0.000021		ug/kg
			OCDD	0.000022		ug/kg
			OCDF	0.000008	j	ug/kg
			PeCDDs (total)	0	U	ug/kg
			PeCDFs (total)	0.0000053		ug/kg
			TCDDs (total)	0.000004		ug/kg
			TCDFs (total)	0.0000031		ug/kg
E2SC-17	CS0615	6-15	2,3,7,8-TCDF	8.9E-07	g, j	ug/kg
			OCDD	0.000058		ug/kg
			TCDDs (total)	0.0000027		ug/kg
			TCDFs (total)	0.0000012		ug/kg

<i>Location</i>	<i>Sample Name</i>	<i>Sample Depth</i>	<i>Compound</i>	<i>Result</i>	<i>Qualifier</i>	<i>Units</i>
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Qualifier

- j* Result is an estimated value that is below the lower calibration limit but above the target detection level.
- g* 2, 3, 7, 8, -TCDF results have been confirmed on a DB-225 column.
- E* Result exceeds calibration range.

Table 2-8 Detected Metals Soil Concentration Data.

<i>Location</i>	<i>Sample Name</i>	<i>Sample Depth (feet)</i>	<i>Compound</i>	<i>Result</i>	<i>Qualifier</i>	<i>Modifier</i>	<i>Units</i>
<i>E2SC-01</i>							
	CS0615	6-15	Antimony	0.24	B		mg/kg
			Arsenic	2.7			mg/kg
			Barium	28.6			mg/kg
			Beryllium	0.29	B		mg/kg
			Cadmium	0.083	B		mg/kg
			Chromium	10			mg/kg
			Cobalt	8.8			mg/kg
			Copper	11.1			mg/kg
			Lead	6.9			mg/kg
			Mercury	0.026	B		mg/kg
			Nickel	12.9			mg/kg
			Thallium	1.9			mg/kg
			Vanadium	11			mg/kg
			Zinc	55			mg/kg
	CS3840	38-40	Antimony	0.26	B		mg/kg
			Arsenic	5.7			mg/kg
			Barium	13.8	B		mg/kg
			Beryllium	0.14	B		mg/kg
			Cadmium	0.27	B		mg/kg
			Chromium	10			mg/kg
			Cobalt	12.1			mg/kg
			Copper	22.8			mg/kg
			Lead	6.8			mg/kg
			Nickel	18.1			mg/kg
			Selenium	0.26	B		mg/kg
			Thallium	1.6			mg/kg
			Vanadium	7.6			mg/kg
			Zinc	61.8			mg/kg
<i>E2SC-02</i>							
	CS0615	6-15	Antimony	0.29	B		mg/kg
			Arsenic	3.6			mg/kg
			Barium	31			mg/kg
			Beryllium	0.33	B		mg/kg

<i>Location</i>	<i>Sample Name</i>	<i>Sample Depth (feet)</i>	<i>Compound</i>	<i>Result</i>	<i>Qualifier</i>	<i>Modifier</i>	<i>Units</i>
			Chromium	12.8			mg/kg
			Cobalt	11.1			mg/kg
			Copper	13.4			mg/kg
			Lead	6			mg/kg
			Mercury	0.042	B		mg/kg
			Nickel	16.7			mg/kg
			Selenium	0.89			mg/kg
			Thallium	2			mg/kg
			Vanadium	11.1			mg/kg
			Zinc	58.5			mg/kg
	CS0615D	6-15					
			Antimony	0.61	B	DUP	mg/kg
			Arsenic	7.3		DUP	mg/kg
			Barium	30		DUP	mg/kg
			Beryllium	0.25	B	DUP	mg/kg
			Cadmium	0.48	B	DUP	mg/kg
			Chromium	8.1		DUP	mg/kg
			Cobalt	6.4		DUP	mg/kg
			Copper	25.4		DUP	mg/kg
			Lead	92.5		DUP	mg/kg
			Mercury	0.13		DUP	mg/kg
			Nickel	10.1		DUP	mg/kg
			Selenium	2.6		DUP	mg/kg
			Thallium	2.6		DUP	mg/kg
			Vanadium	7.5		DUP	mg/kg
			Zinc	78.5		DUP	mg/kg
	CS4042	40-42					
			Arsenic	4.3			mg/kg
			Barium	15.3	B		mg/kg
			Beryllium	0.16	B		mg/kg
			Cadmium	0.4	B		mg/kg
			Chromium	6.2			mg/kg
			Cobalt	7.4			mg/kg
			Copper	11.5			mg/kg
			Lead	5.5			mg/kg
			Mercury	0.015	B		mg/kg
			Nickel	12.3			mg/kg
			Thallium	1.6			mg/kg
			Vanadium	6.7			mg/kg

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Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units			
E2SC-03	CS0615	6-15	Zinc	59.8			mg/kg			
			Antimony	5.4			mg/kg			
			Arsenic	12.3			mg/kg			
			Barium	34.1			mg/kg			
			Beryllium	0.29	B		mg/kg			
			Chromium	32.6			mg/kg			
			Cobalt	16.8			mg/kg			
			Copper	201			mg/kg			
			Lead	477			mg/kg			
			Mercury	0.033	B		mg/kg			
			Nickel	42			mg/kg			
			Selenium	2			mg/kg			
			Thallium	4.7			mg/kg			
			Vanadium	26			mg/kg			
			Zinc	106			mg/kg			
E2SC-031	CS4448	44-48	Arsenic	9.8			mg/kg			
			Barium	21.2	B		mg/kg			
			Beryllium	0.091	B		mg/kg			
			Chromium	17.7			mg/kg			
			Cobalt	11.5			mg/kg			
			Copper	19.1			mg/kg			
			Lead	8			mg/kg			
			Nickel	21.7			mg/kg			
			Selenium	0.24	B		mg/kg			
			Thallium	2.4			mg/kg			
			Vanadium	7.2			mg/kg			
			Zinc	50.4			mg/kg			
						Antimony	0.13	B		mg/kg
						Arsenic	3			mg/kg
						Barium	0.22	B		mg/kg
			Chromium	0.079	B		mg/kg			
			Copper	8.7			mg/kg			
			Lead	1.3			mg/kg			
			Mercury	0.061	B		mg/kg			

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<i>Location</i>	<i>Sample Name</i>	<i>Sample Depth (feet)</i>	<i>Compound</i>	<i>Result</i>	<i>Qualifier</i>	<i>Modifier</i>	<i>Units</i>
			Mercury	0.051			mg/kg
			Nickel	0.66	B		mg/kg
			Selenium	0.92			mg/kg
			Tin	2.2	B		mg/kg
			Zinc	2.2			mg/kg
<i>E2SC-04</i>							
	CS0615	6-15					
			Antimony	0.29	B		mg/kg
			Arsenic	1.7			mg/kg
			Barium	20.7	B		mg/kg
			Beryllium	0.3	B		mg/kg
			Cadmium	0.079	B		mg/kg
			Chromium	8.5			mg/kg
			Cobalt	8.4			mg/kg
			Copper	7.1			mg/kg
			Lead	2.9			mg/kg
			Mercury	0.013	B		mg/kg
			Nickel	11.5			mg/kg
			Selenium	0.49	B		mg/kg
			Thallium	1.1			mg/kg
			Vanadium	8.6			mg/kg
			Zinc	44.7			mg/kg
<i>E2SC-05</i>							
	CS0615	6-15					
			Antimony	0.29	B		mg/kg
			Arsenic	7.5			mg/kg
			Barium	35.3			mg/kg
			Beryllium	0.37	B		mg/kg
			Cadmium	0.29	B		mg/kg
			Chromium	10.9			mg/kg
			Cobalt	12.8			mg/kg
			Copper	17.3			mg/kg
			Lead	10.7			mg/kg
			Mercury	0.037	B		mg/kg
			Nickel	19.2			mg/kg
			Vanadium	12.1			mg/kg
			Zinc	68.5			mg/kg
	CS3840	38-40					
			Arsenic	3			mg/kg

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<i>Location</i>	<i>Sample Name</i>	<i>Sample Depth (feet)</i>	<i>Compound</i>	<i>Result</i>	<i>Qualifier</i>	<i>Modifier</i>	<i>Units</i>
			Barium	8.3	B		mg/kg
			Beryllium	0.065	B		mg/kg
			Cadmium	0.18	B		mg/kg
			Chromium	3.8			mg/kg
			Cobalt	4.2	B		mg/kg
			Copper	8.6			mg/kg
			Lead	4.2			mg/kg
			Mercury	0.012	B		mg/kg
			Nickel	4.4			mg/kg
			Vanadium	3	B		mg/kg
			Zinc	19.6			mg/kg
<i>E2SC-06</i>							
	CS0615	6-15					
			Antimony	0.53	B		mg/kg
			Arsenic	6.3			mg/kg
			Barium	42.1			mg/kg
			Beryllium	0.33	B		mg/kg
			Cadmium	0.45	B		mg/kg
			Chromium	12.4			mg/kg
			Cobalt	8.8			mg/kg
			Copper	23.6			mg/kg
			Lead	47.1			mg/kg
			Mercury	0.064	B		mg/kg
			Nickel	16.2			mg/kg
			Selenium	1.3			mg/kg
			Thallium	2.1			mg/kg
			Vanadium	10			mg/kg
			Zinc	122			mg/kg
<i>E2SC-07</i>							
	CS0615	6-15					
			Antimony	0.16	B		mg/kg
			Arsenic	4.2			mg/kg
			Barium	11.7	B		mg/kg
			Beryllium	0.27	B		mg/kg
			Chromium	6.4			mg/kg
			Cobalt	9.1			mg/kg
			Copper	14.5			mg/kg
			Lead	6.8			mg/kg
			Mercury	0.13			mg/kg

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Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
			Nickel	12.8			mg/kg
			Thallium	0.84	B		mg/kg
			Vanadium	6.6			mg/kg
			Zinc	37.2			mg/kg
E2SC-08	CS0615	6-15					
			Antimony	1.5			mg/kg
			Arsenic	11.3			mg/kg
			Barium	73.2			mg/kg
			Beryllium	0.37	B		mg/kg
			Cadmium	0.86			mg/kg
			Chromium	48.6			mg/kg
			Cobalt	11.2			mg/kg
			Copper	180			mg/kg
			Lead	180			mg/kg
			Mercury	0.69			mg/kg
			Nickel	28			mg/kg
			Selenium	1.4			mg/kg
			Thallium	2.9			mg/kg
			Tin	29.2			mg/kg
			Vanadium	13.5			mg/kg
			Zinc	212			mg/kg
	CS0615 DUP	6-15					
			Antimony	2		DUP	mg/kg
			Arsenic	9.6		DUP	mg/kg
			Barium	78.6		DUP	mg/kg
			Beryllium	0.35		DUP	mg/kg
			Cadmium	1		DUP	mg/kg
			Chromium	47.6		DUP	mg/kg
			Cobalt	12		DUP	mg/kg
			Copper	175		DUP	mg/kg
			Lead	197		DUP	mg/kg
			Mercury	0.43		DUP	mg/kg
			Nickel	29.4		DUP	mg/kg
			Selenium	1.3		DUP	mg/kg
			Thallium	2.9		DUP	mg/kg
			Tin	6.7		DUP	mg/kg
			Vanadium	15.2		DUP	mg/kg
			Zinc	200		DUP	mg/kg

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<i>Location</i>	<i>Sample Name</i>	<i>Sample Depth (feet)</i>	<i>Compound</i>	<i>Result</i>	<i>Qualifier</i>	<i>Modifier</i>	<i>Units</i>
<i>E2SC-09</i>							
	CS0615	6-15	Antimony	0.63	B		mg/kg
			Arsenic	8			mg/kg
			Barium	40.5			mg/kg
			Beryllium	0.27	B		mg/kg
			Cadmium	0.65			mg/kg
			Chromium	22.4			mg/kg
			Cobalt	9.5			mg/kg
			Copper	34.7			mg/kg
			Lead	54.4			mg/kg
			Mercury	0.081	B		mg/kg
			Nickel	16.1			mg/kg
			Selenium	0.85			mg/kg
			Thallium	2.1			mg/kg
			Tin	20.6			mg/kg
			Vanadium	11			mg/kg
			Zinc	88.2			mg/kg
<i>E2SC-10</i>							
	CS0106	1-6	Antimony	0.15	B		mg/kg
			Arsenic	5.8			mg/kg
			Barium	15.2	B		mg/kg
			Beryllium	0.14	B		mg/kg
			Chromium	8.3			mg/kg
			Cobalt	10.4			mg/kg
			Copper	20.3			mg/kg
			Lead	9.5			mg/kg
			Mercury	0.013	B		mg/kg
			Nickel	16.2			mg/kg
			Thallium	1.3			mg/kg
			Vanadium	7			mg/kg
			Zinc	52.7			mg/kg
<i>E2SC-11</i>							
	CS0615	6-15	Arsenic	5.1			mg/kg
			Barium	13.1	B		mg/kg
			Beryllium	0.15	B		mg/kg
			Cadmium	0.25	B		mg/kg

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<i>Location</i>	<i>Sample Name</i>	<i>Sample Depth (feet)</i>	<i>Compound</i>	<i>Result</i>	<i>Qualifier</i>	<i>Modifier</i>	<i>Units</i>
			Chromium	7.5			mg/kg
			Cobalt	9.5			mg/kg
			Copper	15.2			mg/kg
			Lead	5.3			mg/kg
			Nickel	13.8			mg/kg
			Thallium	1.6			mg/kg
			Vanadium	7.1			mg/kg
			Zinc	51.4			mg/kg
<i>E2SC-12</i>							
	CS0615	6-15					
			Antimony	2.4			mg/kg
			Arsenic	3.6			mg/kg
			Barium	34.3			mg/kg
			Beryllium	0.27	B		mg/kg
			Cadmium	0.71			mg/kg
			Chromium	24.3			mg/kg
			Cobalt	9.7			mg/kg
			Copper	33.2			mg/kg
			Lead	71			mg/kg
			Mercury	0.25			mg/kg
			Nickel	15.9			mg/kg
			Selenium	0.54	B		mg/kg
			Thallium	2			mg/kg
			Vanadium	10.5			mg/kg
			Zinc	105			mg/kg
<i>E2SC-13</i>							
	CS0516	6-15					
			Antimony	0.3	B		mg/kg
			Arsenic	1.7			mg/kg
			Barium	23.3			mg/kg
			Beryllium	0.24	B		mg/kg
			Cadmium	0.13	B		mg/kg
			Chromium	8.9			mg/kg
			Cobalt	7.7			mg/kg
			Copper	7.8			mg/kg
			Lead	5			mg/kg
			Mercury	0.023	B		mg/kg
			Nickel	13.5			mg/kg
			Thallium	2.1			mg/kg

<i>Location</i>	<i>Sample Name</i>	<i>Sample Depth (feet)</i>	<i>Compound</i>	<i>Result</i>	<i>Qualifier</i>	<i>Modifier</i>	<i>Units</i>
			Vanadium	8.4			mg/kg
			Zinc	53.1			mg/kg
<i>E2SC-14</i>	CS0615	6-15	Antimony	0.13	B		mg/kg
			Arsenic	7.4			mg/kg
			Barium	24.6			mg/kg
			Beryllium	0.28	B		mg/kg
			Cadmium	0.099	B		mg/kg
			Chromium	11.8			mg/kg
			Cobalt	13.4			mg/kg
			Copper	19.2			mg/kg
			Lead	6.4			mg/kg
			Mercury	0.012	B		mg/kg
			Nickel	21			mg/kg
			Thallium	2.7			mg/kg
			Vanadium	10.9			mg/kg
			Zinc	64.9			mg/kg
<i>E2SC-15</i>	CS0615	6-15	Antimony	0.29	B		mg/kg
			Arsenic	2.1			mg/kg
			Barium	28.3			mg/kg
			Beryllium	0.28	B		mg/kg
			Chromium	9.1			mg/kg
			Cobalt	7.3			mg/kg
			Copper	19.7			mg/kg
			Lead	7.5			mg/kg
			Mercury	0.032	B		mg/kg
			Nickel	12			mg/kg
			Selenium	0.56	B		mg/kg
			Thallium	1.7			mg/kg
			Vanadium	10.2			mg/kg
			Zinc	57.4			mg/kg
<i>E2SC-16</i>	CS0615	6-15	Antimony	3.4			mg/kg
			Arsenic	13.3			mg/kg
			Barium	168			mg/kg

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<i>Location</i>	<i>Sample Name</i>	<i>Sample Depth (feet)</i>	<i>Compound</i>	<i>Result</i>	<i>Qualifier</i>	<i>Modifier</i>	<i>Units</i>
			Beryllium	0.35	B		mg/kg
			Cadmium	0.26	B		mg/kg
			Chromium	46.2			mg/kg
			Cobalt	15.8			mg/kg
			Copper	175			mg/kg
			Lead	181			mg/kg
			Mercury	0.12			mg/kg
			Nickel	55.6			mg/kg
			Thallium	7.1			mg/kg
			Vanadium	41.8			mg/kg
			Zinc	256			mg/kg
<i>E2SC-161</i>							
	CS4042	40-42					
			Antimony	0.29	B		mg/kg
			Arsenic	7.3			mg/kg
			Barium	14.3	B		mg/kg
			Beryllium	0.13	B		mg/kg
			Cadmium	0.27	B		mg/kg
			Chromium	15.4			mg/kg
			Cobalt	11.7			mg/kg
			Copper	19.7			mg/kg
			Lead	10.3			mg/kg
			Mercury	0.012	B		mg/kg
			Nickel	20.2			mg/kg
			Thallium	0.7	B		mg/kg
			Vanadium	7.1			mg/kg
			Zinc	59.9			mg/kg
	CS4042 DUP	40-42					
			Antimony	0.18			mg/kg
			Arsenic	6.4			mg/kg
			Barium	15.9			mg/kg
			Beryllium	0.076			mg/kg
			Cadmium	0.17			mg/kg
			Chromium	13.9			mg/kg
			Cobalt	8			mg/kg
			Copper	16			mg/kg
			Lead	41.6			mg/kg
			Nickel	15.6			mg/kg
			Vanadium	4.8			mg/kg

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<i>Location</i>	<i>Sample Name</i>	<i>Sample Depth (feet)</i>	<i>Compound</i>	<i>Result</i>	<i>Qualifier</i>	<i>Modifier</i>	<i>Units</i>		
E2SC-17	CS0615	6-15	Zinc	40.2			mg/kg		
			Antimony	3.3			mg/kg		
			Arsenic	6.5			mg/kg		
			Barium	91.5			mg/kg		
			Beryllium	0.51	B		mg/kg		
			Cadmium	0.15	B		mg/kg		
			Chromium	25.2			mg/kg		
			Cobalt	10.1			mg/kg		
			Copper	74.5			mg/kg		
			Lead	83.5			mg/kg		
			Mercury	0.053	B		mg/kg		
			Nickel	21.4			mg/kg		
			Selenium	0.33	B		mg/kg		
			Vanadium	33.5			mg/kg		
			Zinc	108			mg/kg		
CS0615 DUP	6-15	Antimony	3.9		DUP		mg/kg		
		Arsenic	6.7		DUP		mg/kg		
		Barium	74.4		DUP		mg/kg		
		Beryllium	0.51		DUP		mg/kg		
		Cadmium	0.19		DUP		mg/kg		
		Chromium	23.3		DUP		mg/kg		
		Cobalt	10.9		DUP		mg/kg		
		Copper	59.9		DUP		mg/kg		
		Lead	49.8		DUP		mg/kg		
		Nickel	22.3		DUP		mg/kg		
		Thallium	0.74		DUP		mg/kg		
		Vanadium	31.1		DUP		mg/kg		
		Zinc	157		DUP		mg/kg		
		CS4244	42-44	Arsenic	7				mg/kg
				Barium	20.6	B			mg/kg
Beryllium	0.15			B			mg/kg		
Cadmium	0.29			B			mg/kg		
Chromium	7.2						mg/kg		
Cobalt	14.8						mg/kg		
Copper	20.3						mg/kg		

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<i>Location</i>	<i>Sample Name</i>	<i>Sample Depth (feet)</i>	<i>Compound</i>	<i>Result</i>	<i>Qualifier</i>	<i>Modifier</i>	<i>Units</i>
			Lead	7.3			mg/kg
			Mercury	0.02	B		mg/kg
			Nickel	15.5			mg/kg
			Vanadium	6			mg/kg
			Zinc	52.5			mg/kg

Qualifier

J For organics, result is between MDL and RL.

Modifier

D Dilution

DUP Duplicate Sample

Table 2-2. Detected Soil VOC Concentrations

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
E2SC-25	SS09	14-15	Chlorobenzene	1.6			mg/kg
			Ethylbenzene	2.5			mg/kg
			Xylenes (total)	0.89			mg/kg
	SS20	35-37	Acetone	0.0077	J		mg/kg
			Chlorobenzene	0.0081	J		mg/kg
ESA2-TW	SB-1(8-10)	8 - 10	Benzene	100			mg/kg
			Ethylbenzene	320			mg/kg
			Toluene	250			mg/kg
			Xylenes (total)	290			mg/kg

Qualifier

J Result is between Method Detection Limit and Reporting Limit.

Table 2-3. Detected Soil SVOC Concentrations

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
<i>E2SC-25</i>							
	CS0615	6-15	2-Methylnaphthalene	4.1			mg/kg
			4-Aminobiphenyl	0.17	J		mg/kg
			Acenaphthene	0.64			mg/kg
			Acenaphthylene	1.2			mg/kg
			Anthracene	1.4			mg/kg
			Benzo(a)anthracene	2			mg/kg
			Benzo(a)pyrene	1.6			mg/kg
			Benzo(b)fluoranthene	0.91			mg/kg
			Benzo(ghi)perylene	0.49			mg/kg
			Benzo(k)fluoranthene	0.93			mg/kg
			bis(2-Ethylhexyl) phthalate	0.29	J		mg/kg
			Chrysene	1.9			mg/kg
			Dibenz(a,h)anthracene	0.19	J		mg/kg
			Dibenzofuran	0.47			mg/kg
			Fluoranthene	3.6			mg/kg
			Fluorene	2.6			mg/kg
			Indeno(1,2,3-cd)pyrene	0.45			mg/kg
			Naphthalene	2.9			mg/kg
			Phenanthrene	9.4			mg/kg
			Pyrene	6.1			mg/kg
	CS3538	35-38	Acenaphthene	0.37			mg/kg
			Acenaphthylene	0.67			mg/kg
			Anthracene	3.6			mg/kg
			Benzo(a)anthracene	3.4			mg/kg
			Benzo(a)pyrene	2.8			mg/kg
			Benzo(b)fluoranthene	1.6			mg/kg
			Benzo(ghi)perylene	0.76			mg/kg
			Benzo(k)fluoranthene	1.3			mg/kg
			bis(2-Ethylhexyl) phthalate	0.16	J		mg/kg
			Chrysene	3.1			mg/kg
			Dibenz(a,h)anthracene	0.23	J		mg/kg
			Fluoranthene	6.2			mg/kg
			Fluorene	0.76			mg/kg

Table 2-3. (continued)

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
			Indeno(1,2,3-cd)pyrene	0.71			mg/kg
			Phenanthrene	9.3			mg/kg
			Pyrene	10			mg/kg
	CS3538D	35-38	Acenaphthene	0.52			mg/kg
			Acenaphthylene	1.1			mg/kg
			Anthracene	5.2			mg/kg
			Benzo(a)anthracene	4.4			mg/kg
			Benzo(a)pyrene	4			mg/kg
			Benzo(b)fluoranthene	2.5			mg/kg
			Benzo(ghi)perylene	0.89			mg/kg
			Benzo(k)fluoranthene	1.3			mg/kg
			bis(2-Ethylhexyl) phthalate	0.15	J		mg/kg
			Chrysene	4.2			mg/kg
			Dibenz(a,h)anthracene	0.3	J		mg/kg
			Fluoranthene	8.5			mg/kg
			Fluorene	1			mg/kg
			Indeno(1,2,3-cd)pyrene	0.87			mg/kg
			Phenanthrene	12			mg/kg
			Pyrene	13			mg/kg
ESA2-TW	SB-1(8-10)	8 - 10	2-Methylnaphthalene	1800			mg/kg
			Acenaphthene	110			mg/kg
			Acenaphthylene	680			mg/kg
			Anthracene	340			mg/kg
			Benzo(a)anthracene	190			mg/kg
			Benzo(a)pyrene	140			mg/kg
			Benzo(b)fluoranthene	100			mg/kg
			Benzo(ghi)perylene	55			mg/kg
			Benzo(k)fluoranthene	38			mg/kg
			Chrysene	180			mg/kg
			Dibenzofuran	59			mg/kg
			Fluoranthene	130			mg/kg
			Fluorene	420			mg/kg
			Indeno(1,2,3-cd)pyrene	59			mg/kg
			Naphthalene	1700			mg/kg
			Phenanthrene	1200			mg/kg

Table 2-3. (continued)

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
			Pyrene	780			mg/kg

Qualifier

J Result is between Method Detection Limit and Reporting Limit.

Table 2-4. Detected Soil Dioxin and Dibenzofuran Concentrations

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
<i>E2SC-25</i>	CS0615	6-15	1,2,3,4,7,8-HxCDF	0.0036	J		µg/kg
			2,3,7,8-TCDF	0.0011	J	g	µg/kg
			OCDD	0.0086	J	B	µg/kg
			OCDF	0.0092	J		µg/kg
			TOTAL HpCDF	0.0042			µg/kg
			TOTAL HxCDF	0.0036			µg/kg
			TOTAL TCDF	0.0062			µg/kg
	CS0615D	6-15	1,2,3,4,6,7,8-HpCDD	0.0037	J	B	µg/kg
			1,2,3,4,6,7,8-HpCDF	0.0041	J		µg/kg
			1,2,3,4,7,8,9-HpCDF	0.003	J		µg/kg
			1,2,3,4,7,8-HxCDF	0.0042	J		µg/kg
			2,3,7,8-TCDF	0.0012	g		µg/kg
			OCDD	0.022	B		µg/kg
			OCDF	0.014			µg/kg
			TOTAL HpCDD	0.0072			µg/kg
			TOTAL HpCDF	0.013			µg/kg
			TOTAL HxCDF	0.0042			µg/kg
	TOTAL TCDF	0.0064			µg/kg		
	CS3538	35-38	1,2,3,4,6,7,8-HpCDD	0.0056	B		µg/kg
			OCDD	0.06	B		µg/kg
			TOTAL HpCDD	0.013			µg/kg
TOTAL TCDF			0.00098			µg/kg	
<i>ESA2-TW</i>	SB-1(8-10)	8 - 10	1,2,3,4,6,7,8-HpCDD	0.0925			µg/kg
			1,2,3,4,6,7,8-HpCDF	0.0396			µg/kg
			1,2,3,4,7,8,9-HpCDF	0.00637	J		µg/kg
			1,2,3,4,7,8-HxCDF	0.02	J		µg/kg
			2,3,4,6,7,8-HxCDF	0.0148	J		µg/kg
			2,3,4,7,8-PeCDF	0.018			µg/kg
			2,3,7,8-TCDF	0.0566			µg/kg
			HpCDDs (total)	0.0925			µg/kg
			HpCDFs (total)	0.046			µg/kg

Table 2-4. (continued)

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
			HxCDFs (total)	0.0348			µg/kg
			OCDD	0.387			µg/kg
			OCDF	0.0708			µg/kg
			PeCDDs (total)	0.00862			µg/kg
			PeCDFs (total)	0.174			µg/kg
			TCDDs (total)	0.0405			µg/kg
			TCDFs (total)	0.121			µg/kg

Qualifier

- B* Compound found in method blank.
- g* 2,3,7,8-TCDF results have been confirmed on a DB-225 column.
- J* Result is between Method Detection Limit and Reporting Limit.

Table 2-5. Detected Soil Metals Concentrations

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
E2SC-25	CS0615	6-15	Antimony	0.45	B		mg/kg
			Arsenic	7.6			mg/kg
			Barium	11.6	B		mg/kg
			Beryllium	0.17	B		mg/kg
			Cadmium	0.1	B		mg/kg
			Chromium	20.5			mg/kg
			Cobalt	16.4			mg/kg
			Copper	40.2			mg/kg
			Lead	10.1			mg/kg
			Nickel	24.5			mg/kg
			Selenium	0.62			mg/kg
			Silver	0.15	B		mg/kg
			Thallium	1.2			mg/kg
			Vanadium	8.7			mg/kg
			Zinc	68.5			mg/kg
	CS0615D	6-15	Antimony	0.29			mg/kg
			Arsenic	7			mg/kg
			Barium	13.1			mg/kg
			Beryllium	0.17			mg/kg
			Cadmium	0.092			mg/kg
			Chromium	20.1			mg/kg
			Cobalt	17.7			mg/kg
			Copper	38.2			mg/kg
			Lead	9.7			mg/kg
			Nickel	26			mg/kg
			Selenium	0.55			mg/kg
			Silver	0.12			mg/kg
			Thallium	1.2			mg/kg
			Vanadium	8.6			mg/kg
			Zinc	69.4			mg/kg
	CS3538	35-38	Antimony	0.31	B		mg/kg
			Arsenic	4.3			mg/kg

Table 2-5. (continued)

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
			Barium	7.1	B		mg/kg
			Beryllium	0.067	B		mg/kg
			Cadmium	0.048	B		mg/kg
			Chromium	3.4			mg/kg
			Cobalt	6.4			mg/kg
			Copper	16.5			mg/kg
			Lead	5.6			mg/kg
			Nickel	9.1			mg/kg
			Selenium	0.34	B		mg/kg
			Thallium	1.1			mg/kg
			Vanadium	3.6	B		mg/kg
			Zinc	34.6			mg/kg
	CS3538D	35-38	Antimony	0.42	B		mg/kg
			Arsenic	4.3			mg/kg
			Barium	8.7	B		mg/kg
			Beryllium	0.11	B		mg/kg
			Cadmium	0.05	B		mg/kg
			Chromium	5.8			mg/kg
			Cobalt	8.6			mg/kg
			Copper	19.6			mg/kg
			Lead	6.1			mg/kg
			Nickel	13.5			mg/kg
			Selenium	0.23	B		mg/kg
			Thallium	0.83	B		mg/kg
			Vanadium	5.7			mg/kg
			Zinc	53			mg/kg
ESA2-TW	SB-1(8-10)	8 - 10	Arsenic	5.9			mg/kg
			Barium	32.8			mg/kg
			Beryllium	0.22			mg/kg
			Cadmium	0.53			mg/kg
			Chromium	9.4			mg/kg
			Cobalt	6.9			mg/kg
			Copper	43.5			mg/kg
			Lead	42.4			mg/kg
			Mercury	0.28			mg/kg

Table 2-5. (continued)

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
			Nickel	15.1			mg/kg
			Sulfide	166			mg/kg
			Vanadium	9			mg/kg
			Zinc	77.5			mg/kg

Qualifier

B Result is between Method Detection Limit and Reporting Limit

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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

Location: Sample ID: Sample Depth(Feet): Parameter Date Collected:	WITHIN LIMITS OF FUTURE CITY RECREATIONAL AREA								
	CRA-1 5-14 01/17/01	CRA-1 6-8 01/17/01	CRA-2 2-4 01/17/01	CRA-2 2-5 01/17/01	CRA-3 5-14 01/17/01	CRA-3 10-12 01/17/01	CRA-5 0-2 01/18/01	CRA-6 2-5 01/18/01	
Volatile Organics									
Benzene	NS	ND(0.0064)	ND(0.0071)	NS	NS	1.8 [1.8]	ND(0.0074)	NS	
Chlorobenzene	NS	ND(0.0064)	ND(0.0071)	NS	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS	
Ethylbenzene	NS	0.0037 J	ND(0.0071)	NS	NS	70 [62]	ND(0.0074)	NS	
Styrene	NS	0.010	ND(0.0071)	NS	NS	140 [160]	ND(0.0074)	NS	
Toluene	NS	0.0046 J	ND(0.0071)	NS	NS	60 [56]	ND(0.0074)	NS	
Xylenes (total)	NS	0.025	ND(0.0071)	NS	NS	240 [250]	ND(0.0074)	NS	
Semivolatile Organics									
2-Methylnaphthalene	ND(0.43)	NS	NS	ND(0.47)	290 [280]	NS	ND(0.54)	ND(0.51)	
Acenaphthene	ND(0.43)	NS	NS	ND(0.47)	15 [16]	NS	ND(0.54)	ND(0.51)	
Acenaphthylene	ND(0.43)	NS	NS	ND(0.47)	43 [39]	NS	ND(0.54)	ND(0.51)	
Anthracene	ND(0.43)	NS	NS	ND(0.47)	38 [36]	NS	ND(0.54)	ND(0.51)	
Benzo(a)anthracene	ND(0.43)	NS	NS	ND(0.47)	42 [38]	NS	ND(0.54)	ND(0.51)	
Benzo(a)pyrene	ND(0.43)	NS	NS	ND(0.47)	49 [53]	NS	ND(0.54)	ND(0.51)	
Benzo(b)fluoranthene	ND(0.43)	NS	NS	ND(0.47)	23 [24]	NS	ND(0.54)	ND(0.51)	
Benzo(g,h,i)perylene	ND(0.43) J	NS	NS	ND(0.47) J	34 J [33 J]	NS	ND(0.54)	ND(0.51)	
Benzo(k)fluoranthene	ND(0.43)	NS	NS	ND(0.47)	31 [27]	NS	ND(0.54)	ND(0.51)	
Chrysene	ND(0.43)	NS	NS	ND(0.47)	39 [36]	NS	ND(0.54)	ND(0.51)	
Dibenzo(a,h)anthracene	ND(0.86) J	NS	NS	ND(0.95) J	6.5 J [5.5 J]	NS	ND(1.1)	ND(1.0)	
Dibenzofuran	ND(0.43)	NS	NS	ND(0.47)	8.3 [8.0]	NS	ND(0.54)	ND(0.51)	
Fluoranthene	ND(0.43)	NS	NS	ND(0.47)	37 [33]	NS	ND(0.54)	ND(0.51)	
Fluorene	ND(0.43)	NS	NS	ND(0.47)	47 [82]	NS	ND(0.54)	ND(0.51)	
Indeno(1,2,3-cd)pyrene	ND(0.86)	NS	NS	ND(0.95)	27 [27]	NS	ND(1.1)	ND(1.0)	
Naphthalene	ND(0.43)	NS	NS	ND(0.47)	430 [420]	NS	ND(0.54)	ND(0.51)	
Phenanthrene	ND(0.43)	NS	NS	ND(0.47)	230 [230]	NS	ND(0.54)	ND(0.51)	
Pyrene	ND(0.43)	NS	NS	ND(0.47)	200 [210]	NS	0.32 J	ND(0.51)	
Furans									
2,3,7,8-TCDF	ND(0.000098)	NS	NS	ND(0.000014)	ND(0.000018) [ND(0.000038)]	NS	0.000011	ND(0.000026)	
TCDFs (total)	ND(0.000098)	NS	NS	ND(0.000014)	ND(0.000018) [ND(0.000038)]	NS	0.000099	ND(0.000026)	
1,2,3,7,8-PeCDF	ND(0.000014)	NS	NS	ND(0.000014)	ND(0.000032) [ND(0.000099)]	NS	0.000026	ND(0.000031)	
2,3,4,7,8-PeCDF	ND(0.000013)	NS	NS	ND(0.000014)	ND(0.000032) [ND(0.000098)]	NS	0.000035	ND(0.000031)	
PeCDFs (total)	ND(0.000014)	NS	NS	ND(0.000014)	ND(0.000032) [ND(0.000099)]	NS	0.000048	ND(0.000031)	
1,2,3,4,7,8-HxCDF	ND(0.000017)	NS	NS	ND(0.000017)	ND(0.000014) [ND(0.000047)]	NS	0.000025	ND(0.000021)	
1,2,3,6,7,8-HxCDF	ND(0.000016)	NS	NS	ND(0.000020)	ND(0.000017) [ND(0.000044)]	NS	0.000018 J**	ND(0.000020)	
1,2,3,7,8,9-HxCDF	ND(0.000019)	NS	NS	ND(0.000016)	ND(0.000015) [ND(0.000052)]	NS	ND(0.0000031)	ND(0.000023)	
2,3,4,6,7,8-HxCDF	ND(0.000017)	NS	NS	ND(0.000014)	ND(0.000014) [ND(0.000048)]	NS	0.000028	ND(0.000021)	
HxCDFs (total)	ND(0.000017)	NS	NS	ND(0.000014)	ND(0.000014) [ND(0.000047)]	NS	0.000038	ND(0.000021)	
1,2,3,4,6,7,8-HpCDF	ND(0.000096)	NS	NS	ND(0.000014)	ND(0.000017) [ND(0.000021)]	NS	0.000079	ND(0.000023)	
1,2,3,4,7,8,9-HpCDF	ND(0.000012)	NS	NS	ND(0.000017)	ND(0.000020) [ND(0.000025)]	NS	0.0000089 J**	ND(0.000028)	
HpCDFs (total)	ND(0.000010)	NS	NS	ND(0.000016)	ND(0.000018) [ND(0.000023)]	NS	0.000022	ND(0.000025)	
OCDF	ND(0.000021)	NS	NS	ND(0.000024)	ND(0.000034) [ND(0.000039)]	NS	0.000018	ND(0.000048)	
Total Furans	ND(0.000021)	NS	NS	ND(0.000024)	ND(0.000034) [ND(0.000099)]	NS	0.00023	ND(0.000048)	
Dioxins									
2,3,7,8-TCDD	ND(0.000019)	NS	NS	ND(0.000012)	ND(0.000017) [ND(0.000031)]	NS	0.0000023 w	ND(0.000026)	
TCDDs (total)	ND(0.000019)	NS	NS	ND(0.000012)	ND(0.000017) [ND(0.000031)]	NS	0.000011	ND(0.000029)	
1,2,3,7,8-PeCDD	ND(0.000020)	NS	NS	ND(0.000022)	ND(0.000018) [ND(0.000063)]	NS	0.0000027 w	ND(0.000037)	
PeCDDs (total)	ND(0.000020)	NS	NS	ND(0.000022)	ND(0.000018) [ND(0.000063)]	NS	0.000020	ND(0.000037)	
1,2,3,4,7,8-HxCDD	ND(0.000013)	NS	NS	ND(0.000014)	ND(0.000014) [ND(0.000036)]	NS	0.0000023 J**	ND(0.000027)	
1,2,3,6,7,8-HxCDD	ND(0.000013)	NS	NS	ND(0.000014)	ND(0.000014) [ND(0.000036)]	NS	0.0000068 J**	ND(0.000026)	
1,2,3,7,8,9-HxCDD	ND(0.000019)	NS	NS	ND(0.000013)	0.000024 J [ND(0.000033)]	NS	0.0000039 J**	ND(0.000024)	
HxCDDs (total)	ND(0.000013)	NS	NS	ND(0.000014)	0.000024 [ND(0.000035)]	NS	0.000053	ND(0.000026)	
1,2,3,4,6,7,8-HpCDD	ND(0.000016)	NS	NS	ND(0.000025)	ND(0.000022) [ND(0.000030)]	NS	0.000012	ND(0.000035)	
HpCDDs (total)	ND(0.000016)	NS	NS	ND(0.000025)	ND(0.000022) [ND(0.000030)]	NS	0.000023	ND(0.000030)	
OCDD	ND(0.000024)	NS	NS	ND(0.000039)	ND(0.000044) [ND(0.000050)]	NS	0.000082	ND(0.000060)	
Total Dioxins	ND(0.000024)	NS	NS	ND(0.000039)	0.000024 [ND(0.000063)]	NS	0.00011	ND(0.000060)	
Total TEQs (WHO TEFs)	ND(0.000024)	NS	NS	ND(0.000039)	0.000024 [ND(0.000099)]	NS	0.000045	ND(0.000060)	

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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

Location:		WITHIN LIMITS OF FUTURE CITY RECREATIONAL AREA							
Sample ID:	CRA-1	CRA-1	CRA-2	CRA-2	CRA-3	CRA-3	CRA-5	CRA-6	
Sample Depth(Feet):	5-14	6-8	2-4	2-5	5-14	10-12	0-2	2-5	
Parameter	Date Collected:	01/17/01	01/17/01	01/17/01	01/17/01	01/17/01	01/17/01	01/18/01	01/18/01
Inorganics									
Arsenic	ND(19.0)	NS	NS	ND(21.0)	ND(21.0) [ND(19.0)]	NS	ND(22.0)	ND(22.0)	
Barium	ND(38.0)	NS	NS	ND(43.0)	49.0 [48.0]	NS	47.0	ND(44.0)	
Beryllium	0.300	NS	NS	0.260	0.420 [0.340]	NS	ND(1.50)	ND(1.50)	
Chromium	9.20	NS	NS	12.0	13.0 [12.0]	NS	12.0	9.60	
Cobalt	12.0	NS	NS	15.0	12.0 [9.60]	NS	ND(15.0)	15.0	
Copper	26.0	NS	NS	39.0	28.0 [21.0]	NS	41.0	41.0	
Cyanide	ND(1.00)	NS	NS	ND(1.00)	ND(1.00) [ND(1.00)]	NS	ND(1.00)	ND(1.00)	
Lead	14.0 J	NS	NS	12.0 J	24.0 J [23.0 J]	NS	ND(30.0)	ND(29.0)	
Mercury	ND(0.260)	NS	NS	ND(0.280)	ND(0.280) [ND(0.250)]	NS	ND(0.300)	ND(0.290)	
Nickel	17.0	NS	NS	26.0	24.0 [22.0]	NS	25.0	24.0	
Sulfide	ND(6.40)	NS	NS	ND(7.10)	73.0 [71.0]	NS	12.0	ND(7.30)	
Thallium	ND(1.90) J	NS	NS	ND(2.10) J	ND(2.10) J [ND(1.90)]	NS	ND(3.00)	ND(2.90)	
Vanadium	ND(9.60)	NS	NS	ND(11.0)	ND(11.0) [9.60]	NS	ND(15.0)	ND(15.0)	
Zinc	56.0 J	NS	NS	63.0 J	98.0 J [82.0 J]	NS	99.0	53.0	

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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

Location: Sample ID: Sample Depth(Feet): Parameter Date Collected:	WITHIN LIMITS OF FUTURE CITY RECREATIONAL AREA							
	CRA-6 4-5 01/18/01	CRA-7 0-2 01/18/01	CRA-8 2-4 01/22/01	CRA-8 2-5 01/22/01	CRA-9 5-14 01/22/01	CRA-9 12-14 01/22/01	CRA-10 2-5 01/22/01	CRA-10 4-5 01/22/01
Volatile Organics								
Benzene	ND(0.0073)	ND(0.0072)	ND(0.0061)	NS	NS	ND(0.0064)	NS	ND(0.0067)
Chlorobenzene	ND(0.0073)	ND(0.0072)	ND(0.0061)	NS	NS	ND(0.0064)	NS	ND(0.0067)
Ethylbenzene	ND(0.0073)	ND(0.0072)	ND(0.0061)	NS	NS	ND(0.0064)	NS	ND(0.0067)
Styrene	ND(0.0073)	ND(0.0072)	ND(0.0061)	NS	NS	ND(0.0064)	NS	ND(0.0067)
Toluene	ND(0.0073)	ND(0.0072)	ND(0.0061)	NS	NS	ND(0.0064)	NS	ND(0.0067)
Xylenes (total)	ND(0.0073)	ND(0.014)	ND(0.0061)	NS	NS	ND(0.0064)	NS	ND(0.0067)
Semivolatile Organics								
2-Methylnaphthalene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Acenaphthene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Acenaphthylene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Anthracene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Benzo(a)anthracene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Benzo(a)pyrene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Benzo(b)fluoranthene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Benzo(g,h,i)perylene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Benzo(k)fluoranthene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Chrysene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Dibenzo(a,h)anthracene	NS	ND(0.97)	NS	ND(0.81)	ND(0.85)	NS	ND(0.90)	NS
Dibenzofuran	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Fluoranthene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Fluorene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Indeno(1,2,3-cd)pyrene	NS	ND(0.97)	NS	ND(0.81)	ND(0.85)	NS	ND(0.90)	NS
Naphthalene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Phenanthrene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Pyrene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Furans								
2,3,7,8-TCDF	NS	ND(0.0000068)	NS	ND(0.000093)	ND(0.000011)	NS	ND(0.000011)	NS
TCDFs (total)	NS	0.000056	NS	ND(0.000093)	ND(0.000011)	NS	ND(0.000011)	NS
1,2,3,7,8-PeCDF	NS	ND(0.0000023)	NS	ND(0.000099)	ND(0.000013)	NS	ND(0.000015)	NS
2,3,4,7,8-PeCDF	NS	0.0000052 J**	NS	ND(0.000098)	ND(0.000013)	NS	ND(0.000015)	NS
PeCDFs (total)	NS	0.000050	NS	ND(0.000099)	ND(0.000013)	NS	ND(0.000015)	NS
1,2,3,4,7,8-HxCDF	NS	0.0000025 J**	NS	ND(0.000080)	ND(0.000091)	NS	ND(0.000084)	NS
1,2,3,6,7,8-HxCDF	NS	0.0000024 J**	NS	ND(0.000075)	ND(0.000084)	NS	ND(0.000078)	NS
1,2,3,7,8,9-HxCDF	NS	ND(0.0000070)	NS	ND(0.000088)	ND(0.000010)	NS	ND(0.000092)	NS
2,3,4,6,7,8-HxCDF	NS	0.0000042 J**	NS	ND(0.000081)	ND(0.000092)	NS	ND(0.000085)	NS
HxCDFs (total)	NS	0.000048	NS	ND(0.000081)	ND(0.000091)	NS	ND(0.000084)	NS
1,2,3,4,6,7,8-HpCDF	NS	0.0000095 J**	NS	ND(0.000086)	ND(0.000094)	NS	ND(0.000097)	NS
1,2,3,4,7,8,9-HpCDF	NS	0.0000014 J**	NS	ND(0.000010)	ND(0.000011)	NS	ND(0.000012)	NS
HpCDFs (total)	NS	0.000026	NS	ND(0.000094)	ND(0.000010)	NS	ND(0.000011)	NS
OCDF	NS	ND(0.000022)	NS	ND(0.000024)	ND(0.000028)	NS	ND(0.000027)	NS
Total Furans	NS	ND(0.0000068)	NS	ND(0.000024)	ND(0.000028)	NS	ND(0.000027)	NS
Dioxins								
2,3,7,8-TCDD	NS	ND(0.0000065)	NS	ND(0.000012)	ND(0.000018)	NS	ND(0.000014)	NS
TCDDs (total)	NS	0.0000018	NS	ND(0.000012)	ND(0.000018)	NS	ND(0.000014)	NS
1,2,3,7,8-PeCDD	NS	0.00000098 w	NS	ND(0.000014)	ND(0.000016)	NS	ND(0.000015)	NS
PeCDDs (total)	NS	0.0000015	NS	ND(0.000014)	ND(0.000016)	NS	ND(0.000015)	NS
1,2,3,4,7,8-HxCDD	NS	ND(0.0000061)	NS	ND(0.000010)	ND(0.000011)	NS	ND(0.000014)	NS
1,2,3,6,7,8-HxCDD	NS	0.0000015 w	NS	ND(0.000099)	ND(0.000011)	NS	ND(0.000013)	NS
1,2,3,7,8,9-HxCDD	NS	0.0000012 w	NS	ND(0.000091)	ND(0.000010)	NS	ND(0.000012)	NS
HxCDDs (total)	NS	0.0000026	NS	ND(0.000097)	ND(0.000011)	NS	ND(0.000013)	NS
1,2,3,4,6,7,8-HpCDD	NS	0.0000022 J**	NS	ND(0.000015)	ND(0.000018)	NS	ND(0.000019)	NS
HpCDDs (total)	NS	0.000044	NS	ND(0.000015)	ND(0.000018)	NS	ND(0.000019)	NS
OCDD	NS	0.000016	NS	ND(0.000037)	ND(0.000036)	NS	ND(0.000035)	NS
Total Dioxins	NS	ND(0.0000068)	NS	ND(0.000037)	ND(0.000036)	NS	ND(0.000035)	NS
Total TEQs (WHO TEFs)	NS	ND(0.0000068)	NS	ND(0.000037)	ND(0.000036)	NS	ND(0.000035)	NS

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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

Location:		WITHIN LIMITS OF FUTURE CITY RECREATIONAL AREA							
Sample ID:	CRA-6	CRA-7	CRA-8	CRA-8	CRA-9	CRA-9	CRA-10	CRA-10	
Sample Depth(Feet):	4-5	0-2	2-4	2-5	5-14	12-14	2-5	4-5	
Parameter	Date Collected:	01/18/01	01/18/01	01/22/01	01/22/01	01/22/01	01/22/01	01/22/01	
Inorganics									
Arsenic	NS	16.0	NS	ND(18.0)	ND(19.0)	NS	ND(20.0)	NS	
Barium	NS	39.0	NS	ND(36.0)	ND(38.0)	NS	ND(40.0)	NS	
Beryllium	NS	ND(1.40)	NS	0.180	0.320	NS	0.270	NS	
Chromium	NS	15.0	NS	9.60	10.0	NS	7.80	NS	
Cobalt	NS	26.0	NS	13.0	11.0	NS	14.0	NS	
Copper	NS	110	NS	42.0	23.0	NS	28.0	NS	
Cyanide	NS	ND(1.00)	NS	ND(1.00)	ND(1.00)	NS	ND(1.00)	NS	
Lead	NS	36.0	NS	15.0	10.0	NS	18.0 J	NS	
Mercury	NS	ND(0.290)	NS	ND(0.240)	ND(0.250)	NS	ND(0.270)	NS	
Nickel	NS	35.0	NS	23.0	20.0	NS	18.0	NS	
Sulfide	NS	ND(7.20)	NS	9.50	8.10	NS	8.40	NS	
Thallium	NS	ND(2.90)	NS	ND(1.80)	ND(1.90)	NS	ND(2.00)	NS	
Vanadium	NS	ND(14.0)	NS	ND(9.10)	ND(9.50)	NS	ND(10.0)	NS	
Zinc	NS	170	NS	61.0	58.0	NS	53.0	NS	

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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

Location: Sample ID: Sample Depth(Feet): Parameter Date Collected:	WITHIN LIMITS OF FUTURE CITY RECREATIONAL AREA							
	CRA-11 0-2 01/23/01	CRA-12 0-2 01/23/01	CRA-13 5-14 01/23/01	CRA-13 10-12 01/23/01	CRA-14 0-2 01/19/01	CRA-15 5-14 01/19/01	CRA-15 6-8 01/19/01	CRA-16 0-2 01/19/01
Volatile Organics								
Benzene	ND(0.0070)	ND(0.0069)	NS	ND(0.0082)	ND(0.0064)	NS	ND(0.0074)	ND(0.0067)
Chlorobenzene	ND(0.0070)	ND(0.0069)	NS	ND(0.0082)	ND(0.0064)	NS	ND(0.0074)	ND(0.0067)
Ethylbenzene	ND(0.0070)	ND(0.0069)	NS	ND(0.0082)	ND(0.0064)	NS	ND(0.0074)	ND(0.0067)
Styrene	ND(0.0070)	ND(0.0069)	NS	ND(0.0082)	ND(0.0064)	NS	ND(0.0074)	ND(0.0067)
Toluene	ND(0.0070)	ND(0.0069)	NS	ND(0.0082)	ND(0.0064)	NS	ND(0.0074)	ND(0.0067)
Xylenes (total)	ND(0.0070)	ND(0.014)	NS	ND(0.0082)	ND(0.013)	NS	ND(0.0074)	ND(0.013)
Semivolatile Organics								
2-Methylnaphthalene	ND(0.47)	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	ND(0.44)
Acenaphthene	ND(0.47)	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	ND(0.44)
Acenaphthylene	ND(0.47)	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	ND(0.44)
Anthracene	0.10 J	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	ND(0.44)
Benzo(a)anthracene	0.56	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	0.33 J
Benzo(a)pyrene	0.49	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	0.35 J
Benzo(b)fluoranthene	0.60	ND(0.46)	ND(0.53)	NS	ND(2.1)	ND(0.50)	NS	0.23 J
Benzo(g,h,i)perylene	0.18 J	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	ND(0.44)
Benzo(k)fluoranthene	0.89	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	0.45
Chrysene	1.1	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	0.43 J
Dibenzo(a,h)anthracene	ND(0.94)	ND(0.92)	ND(1.1)	NS	ND(4.1)	ND(1.0)	NS	ND(0.90)
Dibenzofuran	ND(0.47)	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	ND(0.44)
Fluoranthene	2.3	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	0.66
Fluorene	ND(0.47)	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	ND(0.44)
Indeno(1,2,3-cd)pyrene	0.20 J	ND(0.92)	ND(1.1)	NS	ND(4.1)	ND(1.0)	NS	ND(0.90)
Naphthalene	ND(0.47)	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	ND(0.44)
Phenanthrene	0.67	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	0.49
Pyrene	1.9	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	1.1
Furans								
2,3,7,8-TCDF	0.000012	0.000020	ND(0.000012)	NS	0.000055	ND(0.000016)	NS	0.000014
TCDFs (total)	0.000099 J	0.000014	ND(0.000012)	NS	0.000046	ND(0.000016)	NS	0.00013 I
1,2,3,7,8-PeCDF	0.0000033	0.0000064 J**	ND(0.000017)	NS	0.000017 J**	ND(0.000020)	NS	0.0000041
2,3,4,7,8-PeCDF	0.000010	0.0000022 J**	ND(0.000017)	NS	0.0000028	ND(0.000020)	NS	0.0000054
PeCDFs (total)	0.00012 I	0.000028	ND(0.000017)	NS	0.000032	ND(0.000020)	NS	0.000068 I
1,2,3,4,7,8-HxCDF	0.0000042	0.0000011 J**	ND(0.0000093)	NS	0.0000019 J**	ND(0.000019)	NS	0.0000038
1,2,3,6,7,8-HxCDF	0.0000037	0.00000098 J**	ND(0.0000086)	NS	0.0000013 J**	ND(0.000018)	NS	0.0000027
1,2,3,7,8,9-HxCDF	ND(0.0000018)	ND(0.0000027)	ND(0.000010)	NS	0.00000036 J**	ND(0.000021)	NS	0.00000061 J**
2,3,4,6,7,8-HxCDF	0.000010	0.0000023	ND(0.0000094)	NS	0.0000022 J**	ND(0.000020)	NS	0.0000042
HxCDFs (total)	0.00013	0.000031	ND(0.0000093)	NS	0.000029	ND(0.000020)	NS	0.000053
1,2,3,4,6,7,8-HpCDF	0.000015	0.0000038	ND(0.000012)	NS	0.0000041	ND(0.000020)	NS	0.0000077
1,2,3,4,7,8,9-HpCDF	0.0000015 J**	0.00000039 J**	ND(0.000014)	NS	0.00000061 J**	ND(0.000024)	NS	0.00000087 J**
HpCDFs (total)	0.000037	0.0000081	ND(0.000013)	NS	0.0000092	ND(0.000021)	NS	0.000015 I
OCDF	0.000013	0.0000037 J**	ND(0.000029)	NS	0.0000036 J**	ND(0.000039)	NS	0.0000053
Total Furans	0.00040	0.000085	ND(0.000029)	NS	0.00012	ND(0.000021)	NS	0.00027
Dioxins								
2,3,7,8-TCDD	0.0000021 w	0.00000013 w	ND(0.000021)	NS	0.00000016 w	ND(0.000017)	NS	0.00000025 w
TCDDs (total)	0.0000012 I	ND(0.00000029)	ND(0.000021)	NS	0.00000042	ND(0.000017)	NS	0.0000024 I
1,2,3,7,8-PeCDD	0.0000020 w	0.00000036 w	ND(0.000018)	NS	0.0000011 w	ND(0.000029)	NS	0.0000014 w
PeCDDs (total)	0.0000026	ND(0.00000054)	ND(0.000018)	NS	0.00000047 I	ND(0.000029)	NS	0.0000027 I
1,2,3,4,7,8-HxCDD	0.00000036 J**	ND(0.00000087)	ND(0.000013)	NS	ND(0.00000017)	ND(0.000079)	NS	0.00000025 J**
1,2,3,6,7,8-HxCDD	0.00000077 J**	0.00000034 J**	ND(0.000013)	NS	0.00000026 w	ND(0.000078)	NS	0.00000054 J**
1,2,3,7,8,9-HxCDD	0.00000053 J**	0.00000016 J**	ND(0.000012)	NS	ND(0.00000016)	ND(0.000071)	NS	0.00000035 J**
HxCDDs (total)	0.0000078	0.00000051	ND(0.000012)	NS	0.0000011	ND(0.000076)	NS	0.0000024
1,2,3,4,6,7,8-HpCDD	0.000011	0.0000021 J**	ND(0.000021)	NS	0.0000023	ND(0.000031)	NS	0.0000051
HpCDDs (total)	0.000023	0.0000047	ND(0.000021)	NS	0.0000023	ND(0.000031)	NS	0.000011
OCDD	0.000069	ND(0.000016)	ND(0.000036)	NS	0.000013	ND(0.000036)	NS	0.000029
Total Dioxins	0.00010	0.0000047	ND(0.000036)	NS	0.000017	ND(0.000079)	NS	0.000045
Total TEQs (WHO TEQs)	0.000011	0.0000056	ND(0.000036)	NS	0.0000040	ND(0.000021)	NS	0.0000073

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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

Location:		WITHIN LIMITS OF FUTURE CITY RECREATIONAL AREA							
Sample ID:	CRA-11	CRA-12	CRA-13	CRA-13	CRA-14	CRA-15	CRA-15	CRA-16	
Sample Depth(Feet):	0-2	0-2	5-14	10-12	0-2	5-14	6-8	0-2	
Parameter	Date Collected:	01/23/01	01/23/01	01/23/01	01/23/01	01/19/01	01/19/01	01/19/01	
Inorganics									
Arsenic	ND(21.0)	ND(15.0)	ND(24.0)	NS	ND(15.0)	ND(22.0)	NS	ND(15.0)	
Barium	ND(42.0)	31.0	ND(49.0)	NS	46.0	ND(45.0)	NS	36.0	
Beryllium	0.340	0.350	0.590	NS	0.230	0.280	NS	0.270	
Chromium	10.0	12.0	11.0	NS	29.0	8.40	NS	9.40	
Cobalt	14.0	14.0	13.0	NS	11.0	ND(11.0)	NS	11.0	
Copper	47.0	58.0	34.0	NS	46.0	ND(22.0)	NS	31.0	
Cyanide	ND(1.00)	ND(1.00)	ND(1.00)	NS	4.80	ND(1.00)	NS	ND(1.00)	
Lead	64.0	21.0	16.0	NS	26.0	5.00	NS	42.0	
Mercury	ND(0.280)	ND(0.280)	ND(0.330)	NS	ND(0.260)	ND(0.300)	NS	ND(0.270)	
Nickel	25.0	25.0	21.0	NS	25.0	16.0	NS	19.0	
Sulfide	9.00	13.0	ND(8.20)	NS	16.0	ND(7.40)	NS	ND(6.70)	
Thallium	ND(2.10) J	ND(2.10) J	ND(2.40) J	NS	ND(1.90)	ND(2.20)	NS	ND(2.00)	
Vanadium	ND(10.0)	11.0	ND(12.0)	NS	23.0	ND(11.0)	NS	11.0	
Zinc	52.0	57.0	61.0	NS	67.0	43.0	NS	70.0	

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSFUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX-3 CONSTITUENTS

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

Location: Sample ID: Sample Depth(Feet): Parameter Date Collected:	WITHIN LIMITS OF FUTURE CITY RECREATIONAL AREA						
	CRA-17 5-14 01/19/01	CRA-17 12-14 01/19/01	CRA-18 0-2 01/23/01	CRA-19 2-4 01/23/01	CRA-19 2-5 01/23/01	CRA-20 2-4 01/31/01	CRA-20 2-5 01/31/01
Volatile Organics							
Benzene	NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	ND(0.0064)	NS	ND(0.0063)	NS
Chlorobenzene	NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	ND(0.0064)	NS	ND(0.0063)	NS
Ethylbenzene	NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	ND(0.0064)	NS	ND(0.0063)	NS
Styrene	NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	ND(0.0064)	NS	ND(0.0063)	NS
Toluene	NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	ND(0.0064)	NS	ND(0.0063)	NS
Xylenes (total)	NS	ND(0.0064)	ND(0.013) [ND(0.0076)]	ND(0.013)	NS	ND(0.0063)	NS
Semivolatile Organics							
2-Methylnaphthalene	ND(0.50)	NS	ND(0.44) [ND(0.50)]	NS	ND(0.43)	NS	0.13 J
Acenaphthene	ND(0.50)	NS	0.13 J [ND(0.50)]	NS	ND(0.43)	NS	ND(0.42)
Acenaphthylene	ND(0.50)	NS	ND(0.44) [ND(0.50)]	NS	ND(0.43)	NS	0.11 J
Anthracene	ND(0.50)	NS	0.34 J [ND(0.50)]	NS	ND(0.43)	NS	ND(0.42)
Benzo(a)anthracene	ND(0.50)	NS	1.0 [ND(0.50)]	NS	ND(0.43)	NS	0.36 J
Benzo(a)pyrene	ND(0.50)	NS	1.0 [ND(0.50)]	NS	ND(0.43)	NS	0.37 J
Benzo(b)fluoranthene	ND(0.50)	NS	0.84 [ND(0.50)]	NS	ND(0.43)	NS	0.29 J
Benzo(g,h,i)perylene	ND(0.50)	NS	0.56 [ND(0.50)]	NS	ND(0.43)	NS	0.37 J
Benzo(k)fluoranthene	ND(0.50)	NS	1.1 [ND(0.50)]	NS	ND(0.43)	NS	0.40 J
Chrysene	ND(0.50)	NS	1.1 [ND(0.50)]	NS	ND(0.43)	NS	0.46
Dibenzo(a,h)anthracene	ND(1.0)	NS	ND(0.89) [ND(1.0)]	NS	ND(0.86)	NS	ND(0.85)
Dibenzofuran	ND(0.50)	NS	0.14 J [ND(0.50)]	NS	ND(0.43)	NS	0.089 J
Fluoranthene	ND(0.50)	NS	2.1 [ND(0.50)]	NS	ND(0.43)	NS	0.57
Fluorene	ND(0.50)	NS	0.16 J [ND(0.50)]	NS	ND(0.43)	NS	ND(0.42)
Indeno(1,2,3-cd)pyrene	ND(1.0)	NS	0.56 J [ND(1.0)]	NS	ND(0.86)	NS	0.33 J
Naphthalene	ND(0.50)	NS	0.17 J [ND(0.50)]	NS	ND(0.43)	NS	0.17 J
Phenanthrene	ND(0.50)	NS	1.6 [ND(0.50)]	NS	ND(0.43)	NS	0.32 J
Pyrene	ND(0.50)	NS	2.2 [ND(0.50)]	NS	ND(0.43)	NS	0.56
Furans							
2,3,7,8-TCDF	ND(0.000018)	NS	0.0000098 [0.0000098]	NS	ND(0.000094)	NS	ND(0.000014)
TCDFs (total)	ND(0.000018)	NS	0.000080 [0.000091]	NS	ND(0.000094)	NS	ND(0.000014)
1,2,3,7,8-PeCDF	ND(0.000066)	NS	0.0000039 [0.0000034]	NS	ND(0.000015)	NS	ND(0.0000095)
2,3,4,7,8-PeCDF	ND(0.000065)	NS	0.000012 [0.000012]	NS	ND(0.000015)	NS	ND(0.0000093)
PeCDFs (total)	ND(0.000065)	NS	0.00011 [0.00012]	NS	ND(0.000015)	NS	ND(0.0000094)
1,2,3,4,7,8-HxCDF	ND(0.000066)	NS	0.0000048 [0.0000038]	NS	ND(0.000082)	NS	ND(0.00016)
1,2,3,6,7,8-HxCDF	ND(0.000062)	NS	0.0000038 [0.0000034]	NS	ND(0.000076)	NS	ND(0.00014)
1,2,3,7,8,9-HxCDF	ND(0.000073)	NS	0.0000011 J** [0.0000010 J**]	NS	ND(0.000090)	NS	ND(0.00017)
2,3,4,6,7,8-HxCDF	ND(0.000067)	NS	0.0000068 [0.0000070]	NS	ND(0.000083)	NS	ND(0.00016)
HxCDFs (total)	ND(0.000067)	NS	0.000084 [0.000091]	NS	ND(0.000083)	NS	ND(0.00017)
1,2,3,4,6,7,8-HpCDF	ND(0.000018)	NS	0.0000094 [0.0000082]	NS	ND(0.000013)	NS	ND(0.000042)
1,2,3,4,7,8,9-HpCDF	ND(0.000022)	NS	0.0000013 J** [0.0000011 J**]	NS	ND(0.000016)	NS	ND(0.000050)
HpCDFs (total)	ND(0.000020)	NS	0.000021 [0.000020]	NS	ND(0.000014)	NS	ND(0.000046)
OCDF	ND(0.000029)	NS	0.0000085 [0.0000066]	NS	ND(0.000021)	NS	ND(0.000031)
Total Furans	ND(0.000073)	NS	0.000030 [0.000033]	NS	ND(0.000021)	NS	ND(0.00017)
Dioxins							
2,3,7,8-TCDD	ND(0.000030)	NS	0.00000021 w [0.00000018 w]	NS	ND(0.000015)	NS	ND(0.000017)
TCDDs (total)	ND(0.000030)	NS	0.0000014 [0.0000016]	NS	ND(0.000015)	NS	ND(0.000017)
1,2,3,7,8-PeCDD	ND(0.000056)	NS	0.0000024 w [0.0000013 w]	NS	ND(0.000014)	NS	ND(0.000017)
PeCDDs (total)	ND(0.000056)	NS	0.0000022 [0.0000027]	NS	ND(0.000014)	NS	ND(0.000017)
1,2,3,4,7,8-HxCDD	ND(0.000045)	NS	0.00000022 J** [0.00000021 J**]	NS	ND(0.000013)	NS	ND(0.000033)
1,2,3,6,7,8-HxCDD	ND(0.000045)	NS	0.00000065 J** [0.00000055 J**]	NS	ND(0.000012)	NS	ND(0.000030)
1,2,3,7,8,9-HxCDD	ND(0.000041)	NS	0.00000046 J** [0.00000033 J**]	NS	ND(0.000011)	NS	ND(0.000030)
HxCDDs (total)	ND(0.000044)	NS	0.0000063 [0.0000060]	NS	ND(0.000012)	NS	ND(0.000032)
1,2,3,4,6,7,8-HpCDD	ND(0.000024)	NS	0.0000079 [0.0000057]	NS	ND(0.000017)	NS	ND(0.000049)
HpCDDs (total)	ND(0.000024)	NS	0.000017 [0.000012]	NS	ND(0.000017)	NS	ND(0.000049)
OCDD	ND(0.000038)	NS	0.000057 [0.000039]	NS	ND(0.000039)	NS	0.00014 J**
Total Dioxins	ND(0.000056)	NS	0.000084 [0.000061]	NS	ND(0.000039)	NS	0.00014
Total TEQs (WHO TEFs)	ND(0.000073)	NS	0.000012 [0.000010]	NS	ND(0.000039)	NS	0.000000014

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX-3 CONSTITUENTS

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

Location:		WITHIN LIMITS OF FUTURE CITY RECREATIONAL AREA						
Sample ID:	CRA-17	CRA-17	CRA-18	CRA-19	CRA-19	CRA-20	CRA-20	
Sample Depth(Feet):	5-14	12-14	0-2	2-4	2-5	2-4	2-5	
Parameter	Date Collected:	01/19/01	01/19/01	01/23/01	01/23/01	01/23/01	01/31/01	01/31/01
Inorganics								
Arsenic	ND(19.0)	NS	ND(15.0) [ND(23.0)]	NS	ND(15.0)	NS	ND(19.0)	
Barium	ND(39.0)	NS	39.0 [ND(46.0)]	NS	ND(30.0)	NS	ND(38.0)	
Beryllium	0.220	NS	0.300 [0.330]	NS	ND(0.190)	NS	0.310	
Chromium	8.20	NS	12.0 [14.0]	NS	8.90	NS	12.0	
Cobalt	10.0	NS	14.0 [17.0]	NS	11.0	NS	14.0	
Copper	28.0	NS	56.0 [50.0]	NS	30.0	NS	55.0	
Cyanide	ND(1.00)	NS	ND(1.00) [ND(1.00)]	NS	ND(1.00)	NS	ND(1.00)	
Lead	12.0	NS	38.0 [34.0]	NS	14.0	NS	65.0	
Mercury	ND(0.260)	NS	ND(0.270) [ND(0.300)]	NS	ND(0.260)	NS	0.340	
Nickel	17.0	NS	26.0 [30.0]	NS	18.0	NS	25.0	
Sulfide	ND(6.40)	NS	21.0 [29.0]	NS	14.0	NS	30.0	
Thallium	ND(1.90)	NS	ND(2.00) J [ND(2.30) J]	NS	ND(1.90) J	NS	2.50	
Vanadium	ND(9.70)	NS	12.0 [14.0]	NS	ND(9.60)	NS	14.0	
Zinc	44.0	NS	69.0 [84.0]	NS	45.0	NS	130	

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSFUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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

Location:	WITHIN LIMITS OF FUTURE CITY RECREATIONAL AREA			
Sample ID:	CRA-21	CRA-22	CRA-22	X-17
Sample Depth(Feet):	0-2	5-14	12-14	0-2
Parameter Date Collected:	01/31/01	01/31/01	01/31/01	01/31/01
Volatile Organics				
Benzene	ND(0.0071)	NS	ND(0.0068)	NS
Chlorobenzene	ND(0.0071)	NS	ND(0.0068)	NS
Ethylbenzene	ND(0.0071)	NS	ND(0.0068)	NS
Styrene	ND(0.0071)	NS	ND(0.0068)	NS
Toluene	ND(0.0071)	NS	ND(0.0068)	NS
Xylenes (total)	ND(0.0071)	NS	ND(0.0068)	NS
Semivolatile Organics				
2-Methylnaphthalene	ND(0.47)	ND(0.44)	NS	NS
Acenaphthene	ND(0.47)	ND(0.44)	NS	NS
Acenaphthylene	ND(0.47)	ND(0.44)	NS	NS
Anthracene	ND(0.47)	ND(0.44)	NS	NS
Benzo(a)anthracene	ND(0.47)	ND(0.44)	NS	NS
Benzo(a)pyrene	ND(0.47)	ND(0.44)	NS	NS
Benzo(b)fluoranthene	ND(0.47)	ND(0.44)	NS	NS
Benzo(g,h,i)perylene	ND(0.47)	ND(0.44)	NS	NS
Benzo(k)fluoranthene	ND(0.47)	ND(0.44)	NS	NS
Chrysene	ND(0.47)	ND(0.44)	NS	NS
Dibenzo(a,h)anthracene	ND(0.96)	ND(0.90)	NS	NS
Dibenzofuran	ND(0.47)	ND(0.44)	NS	NS
Fluoranthene	ND(0.47)	ND(0.44)	NS	NS
Fluorene	ND(0.47)	ND(0.44)	NS	NS
Indeno(1,2,3-cd)pyrene	ND(0.96)	ND(0.90)	NS	NS
Naphthalene	ND(0.47)	ND(0.44)	NS	NS
Phenanthrene	ND(0.47)	ND(0.44)	NS	NS
Pyrene	ND(0.47)	ND(0.44)	NS	NS
Furans				
2,3,7,8-TCDF	0.0000051 J**	ND(0.000013)	NS	0.000053
TCDFs (total)	0.0000036	ND(0.000013)	NS	0.00045 QI
1,2,3,7,8-PeCDF	0.0000023 w	ND(0.000010)	NS	0.000014
2,3,4,7,8-PeCDF	0.0000053 J**	ND(0.000010)	NS	0.000021
PeCDFs (total)	0.0000052	ND(0.000010)	NS	0.00025 Q
1,2,3,4,7,8-HxCDF	0.0000043 J**	ND(0.000012)	NS	0.000011
1,2,3,6,7,8-HxCDF	0.0000038 J**	ND(0.000011)	NS	0.0000072
1,2,3,7,8,9-HxCDF	ND(0.00000010)	ND(0.000013)	NS	0.0000018 J**
2,3,4,6,7,8-HxCDF	0.0000060 J**	ND(0.000012)	NS	0.000012
HxCDFs (total)	0.0000079	ND(0.000023)	NS	0.00020
1,2,3,4,6,7,8-HpCDF	0.0000057	ND(0.000045)	NS	0.00011
1,2,3,4,7,8,9-HpCDF	0.0000044 J**	ND(0.000055)	NS	0.000028
HpCDFs (total)	0.000015	ND(0.000050)	NS	0.00020
OCDF	0.000018	ND(0.000029)	NS	0.000059
Total Furans	0.000050	ND(0.000023)	NS	0.0012
Dioxins				
2,3,7,8-TCDD	ND(0.00000095)	ND(0.000017)	NS	0.0000061 w
TCDDs (total)	ND(0.00000042)	ND(0.000017)	NS	0.000093
1,2,3,7,8-PeCDD	0.0000019 w	ND(0.000017)	NS	0.0000013 w
PeCDDs (total)	ND(0.00000062)	ND(0.000017)	NS	0.0000088 Q
1,2,3,4,7,8-HxCDD	0.0000026 J**	ND(0.000033)	NS	0.0000062 J**
1,2,3,6,7,8-HxCDD	0.0000077 J**	ND(0.000032)	NS	0.0000026
1,2,3,7,8,9-HxCDD	0.0000053 J**	ND(0.000030)	NS	0.0000014 J**
HxCDDs (total)	0.0000048	ND(0.000032)	NS	0.000022
1,2,3,4,6,7,8-HpCDD	0.000018	ND(0.000021)	NS	0.000038
HpCDDs (total)	0.000034	ND(0.000021)	NS	0.000070
OCDD	0.00013	ND(0.000049)	NS	0.00025
Total Dioxins	0.00017	ND(0.000033)	NS	0.00036
Total TEQs (WHO TEFs)	0.0000011	ND(0.000033)	NS	0.000024

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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

Location:		WITHIN LIMITS OF FUTURE CITY RECREATIONAL AREA			
Sample ID:	CRA-21	CRA-22	CRA-22	X-17	
Sample Depth(Feet):	0-2	5-14	12-14	0-2	
Parameter	Date Collected:	01/31/01	01/31/01	01/31/01	01/31/01
Inorganics					
Arsenic		ND(21.0)	ND(20.0)	NS	NS
Barium		ND(43.0)	ND(40.0)	NS	NS
Beryllium		0.310	0.240	NS	NS
Chromium		11.0	9.80	NS	NS
Cobalt		ND(11.0)	12.0	NS	NS
Copper		ND(21.0)	ND(20.0)	NS	NS
Cyanide		ND(1.00)	ND(1.00)	NS	NS
Lead		18.0	8.90	NS	NS
Mercury		ND(0.280)	ND(0.270)	NS	NS
Nickel		16.0	23.0	NS	NS
Sulfide		ND(7.10)	ND(6.80)	NS	NS
Thallium		ND(2.10)	ND(2.00)	NS	NS
Vanadium		11.0	ND(10.0)	NS	NS
Zinc		58.0	56.0	NS	NS

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSFUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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

Location:	ADJACENT TO FUTURE CITY RECREATIONAL AREA						
Sample ID:	RAA4-1	RAA4-2	RAA4-2	RAA4-4	RAA4-4	RAA4-5	RAA4-8
Sample Depth(Feet):	0-1	6-8	6-15	6-15	12-14	0-1	0-1
Parameter Date Collected:	01/30/01	01/24/01	01/24/01	01/24/01	01/24/01	01/30/01	01/30/01
Volatile Organics							
Benzene	ND(0.0069)	0.57	NS	NS	100	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Chlorobenzene	ND(0.0069)	ND(0.43)	NS	NS	ND(16)	ND(0.0067)	ND(0.0056) [ND(0.0080)]
Ethylbenzene	ND(0.0069)	2.4	NS	NS	280	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Styrene	ND(0.0069)	ND(0.43)	NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Toluene	ND(0.0069)	2.8	NS	NS	640	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Xylenes (total)	ND(0.0069)	10	NS	NS	450	ND(0.0067)	ND(0.013) [ND(0.016)]
Semivolatile Organics							
2-Methylnaphthalene	ND(4.6)	NS	130	330	NS	20	2.0 J [2.8 J]
Acenaphthene	ND(4.6)	NS	9.5	180	NS	8.0 J	2.7 J [ND(5.3)]
Acenaphthylene	4.0 J	NS	56	150	NS	71	ND(4.3) [1.4 J]
Anthracene	1.2 J	NS	58	290	NS	21	9.1 [1.8 J]
Benzo(a)anthracene	10	NS	46	56	NS	63	15 [4.5 J]
Benzo(a)pyrene	11	NS	30	50	NS	64	10 [3.1 J]
Benzo(b)fluoranthene	6.1	NS	17	14	NS	40	6.7 [1.5 J]
Benzo(g,h,i)perylene	8.1	NS	14	26	NS	81	7.8 [2.5 J]
Benzo(k)fluoranthene	7.8	NS	22	30	NS	43	9.9 [2.8 J]
Chrysene	9.6	NS	38	55	NS	46	15 [5.0 J]
Dibenzo(a,h)anthracene	ND(9.2)	NS	ND(9.3)	ND(8.6)	NS	7.4 J	ND(8.7) [ND(10)]
Dibenzofuran	ND(4.6)	NS	ND(4.6)	11	NS	2.0 J	2.4 J [ND(5.3)]
Fluoranthene	12	NS	57	81	NS	110	29 [7.3]
Fluorene	ND(4.6)	NS	40	160	NS	38	3.9 J [1.8 J]
Indeno(1,2,3-cd)pyrene	7.2 J	NS	ND(9.3)	16	NS	55	6.7 J [1.5 J]
Naphthalene	ND(4.6)	NS	250	540	NS	6.9 J	3.7 J [4.5 J]
Phenanthrene	2.0 J	NS	86	390	NS	150	36 [14]
Pyrene	22	NS	190	420	NS	140	28 [10]
Furans							
2,3,7,8-TCDF	0.000018	NS	ND(0.000040)	ND(0.00014)	NS	0.000014	0.000044 [0.000032]
TCDFs (total)	0.00012	NS	ND(0.000040)	ND(0.00014)	NS	0.00016	0.00043 [0.00033]
1,2,3,7,8-PeCDF	0.0000052	NS	ND(0.000052)	ND(0.000095)	NS	0.0000069	0.000014 [0.000011]
2,3,4,7,8-PeCDF	0.0000074	NS	ND(0.000051)	ND(0.000094)	NS	0.000027	0.000076 [0.000057]
PeCDFs (total)	0.0000084 Q	NS	ND(0.000052)	ND(0.000095)	NS	0.000026	0.00010 [0.000081]
1,2,3,4,7,8-HxCDF	0.0000049	NS	0.000053 J	ND(0.00012)	NS	0.000014	0.000018 [0.000013]
1,2,3,6,7,8-HxCDF	0.0000030 J**	NS	0.000060 J	ND(0.00011)	NS	0.0000097	0.000031 [0.000025]
1,2,3,7,8,9-HxCDF	0.0000079 w	NS	0.000064 J	ND(0.00013)	NS	0.0000039 J**	0.0000078 [0.000062]
2,3,4,6,7,8-HxCDF	0.0000042	NS	0.000058 J	ND(0.00012)	NS	0.000021	0.00013 [0.000096]
HxCDFs (total)	0.000062	NS	0.00029	ND(0.00012)	NS	0.00028	0.0018 [0.0014]
1,2,3,4,6,7,8-HpCDF	0.000018	NS	0.00013 J	ND(0.00082)	NS	0.000042	0.00012 [0.000092]
1,2,3,4,7,8,9-HpCDF	0.0000011 J**	NS	ND(0.000075)	ND(0.000099)	NS	0.0000061	0.000011 [0.0000098]
HpCDFs (total)	0.000032	NS	0.00013	ND(0.00089)	NS	0.000092	0.00034 [0.00027]
OCDF	0.000011	NS	0.00011 w	ND(0.00095)	NS	0.000032	0.000040 [0.000036]
Total Furans	0.00031	NS	0.00053	ND(0.00014)	NS	0.00082	0.0036 [0.0028]
Dioxins							
2,3,7,8-TCDD	0.0000034 w	NS	ND(0.000042)	ND(0.00016)	NS	0.0000011 w	0.0000054 w [0.0000043 w]
TCDDs (total)	0.0000082	NS	ND(0.000042)	ND(0.00016)	NS	0.0000019	0.0000047 [0.0000057]
1,2,3,7,8-PeCDD	0.00000043 J**	NS	ND(0.000059)	ND(0.00018)	NS	0.0000021	0.0000014 [0.0000011 J**]
PeCDDs (total)	0.0000039 Q	NS	ND(0.000059)	ND(0.00018)	NS	0.0000089	0.000013 [0.000012]
1,2,3,4,7,8-HxCDD	0.00000045 J**	NS	ND(0.000039)	ND(0.00015)	NS	0.0000016 J**	0.0000013 J** [0.0000012 J**]
1,2,3,6,7,8-HxCDD	0.00000078 J**	NS	ND(0.000039)	ND(0.00015)	NS	0.0000028 J**	0.0000021 J** [0.0000018 J**]
1,2,3,7,8,9-HxCDD	0.00000067 J**	NS	0.000056 w	ND(0.00014)	NS	0.0000019 J**	0.0000015 [0.0000012 J**]
HxCDDs (total)	0.0000089	NS	ND(0.000038)	ND(0.00014)	NS	0.000018	0.000025 [0.000022]
1,2,3,4,6,7,8-HpCDD	0.0000080	NS	ND(0.000054)	ND(0.000078)	NS	0.000015	0.000027 [0.000020]
HpCDDs (total)	0.000016	NS	ND(0.000054)	ND(0.000078)	NS	0.000030	0.000053 [0.000040]
OCDD	ND(0.000043)	NS	0.00022 J	0.00015 w	NS	0.000072	0.00011 [0.000080]
Total Dioxins	0.000030	NS	0.00022	0.00015	NS	0.00013	0.00021 [0.00016]
Total TEQs (WHO TEQs)	0.000083	NS	0.00030	0.00000015	NS	0.000025	0.000066 [0.000049]

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX-3 CONSTITUENTS

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

Location:	ADJACENT TO FUTURE CITY RECREATIONAL AREA						
Sample ID:	RAA4-1	RAA4-2	RAA4-2	RAA4-4	RAA4-4	RAA4-5	RAA4-8
Sample Depth(Feet):	0-1	6-8	6-15	6-15	12-14	0-1	0-1
Parameter Date Collected:	01/30/01	01/24/01	01/24/01	01/24/01	01/24/01	01/30/01	01/30/01
Inorganics							
Arsenic	ND(21.0)	NS	ND(21.0)	ND(15.0)	NS	ND(20.0)	ND(15.0) [ND(15.0)]
Barium	ND(42.0)	NS	ND(42.0)	ND(30.0)	NS	ND(40.0)	40.0 [54.0]
Beryllium:	0.360	NS	0.300	0.260	NS	0.280	0.290 [0.370]
Chromium	9.90	NS	12.0	7.70	NS	12.0	11.0 [13.0]
Cobalt	ND(10.0)	NS	11.0	12.0	NS	ND(10.0)	11.0 [15.0]
Copper	39.0	NS	33.0	25.0	NS	34.0	46.0 [51.0]
Cyanide	5.40	NS	ND(1.00)	ND(1.00)	NS	9.20	ND(1.00) [ND(1.00)]
Lead	29.0	NS	34.0 J	17.0 J	NS	34.0	44.0 [46.0]
Mercury	ND(0.280)	NS	ND(0.280)	ND(0.260)	NS	ND(0.270)	0.300 [ND(0.320)]
Nickel	21.0	NS	21.0	19.0	NS	14.0	19.0 [24.0]
Sulfide	20.0	NS	160 J	770 J	NS	21.0	15.0 [ND(8.00)]
Thallium	ND(2.10)	NS	ND(2.10)	ND(1.90)	NS	ND(2.00)	ND(2.00) [ND(2.40)]
Vanadium	14.0	NS	11.0	ND(9.70)	NS	12.0	16.0 [19.0]
Zinc	55.0	NS	91.0 J	54.0 J	NS	49.0	75.0 [97.0]

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSFUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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

Parameter	ADJACENT TO FUTURE CITY RECREATIONAL AREA								
	Location: Sample ID:	RAA4-10	RAA4-13	RAA4-15	RAA4-16	RAA4-16	RAA4-17	RAA4-18	RAA4-18
	Sample Depth(Feet): Date Collected:	0-1 01/30/01	0-1 01/30/01	0-1 01/30/01	6-15 01/24/01	12-14 01/24/01	0-1 01/29/01	1-6 01/29/01	4-6 01/29/01
Volatile Organics									
Benzene		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	5.5	ND(0.0080)	NS	ND(0.0057)
Chlorobenzene		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	0.66 J	ND(0.0080)	NS	ND(0.0057)
Ethylbenzene		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	21	ND(0.0080)	NS	ND(0.0057)
Styrene		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)	NS	ND(0.0057)
Toluene		ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	27	ND(0.0080)	NS	ND(0.0057)
Xylenes (total)		ND(0.015)	ND(0.0083)	ND(0.014)	NS	87	ND(0.0080)	NS	ND(0.011)
Semivolatile Organics									
2-Methylnaphthalene		ND(0.48)	ND(5.5)	ND(0.88)	95	NS	ND(0.53)	ND(0.38)	NS
Acenaphthene		ND(0.48)	ND(5.5)	ND(0.88)	8.6	NS	ND(0.53)	ND(0.38)	NS
Acenaphthylene		ND(0.48)	4.8 J	ND(0.88)	36	NS	0.18 J	ND(0.38)	NS
Anthracene		ND(0.48)	4.7 J	ND(0.88)	80	NS	ND(0.53)	ND(0.38)	NS
Benzo(a)anthracene		0.25 J	49	0.21 J	44	NS	0.28 J	ND(0.38)	NS
Benzo(a)pyrene		ND(0.48)	38	ND(0.88)	37	NS	0.21 J	ND(0.38)	NS
Benzo(b)fluoranthene		ND(0.48)	34	ND(0.88)	14	NS	0.17 J	ND(0.38)	NS
Benzo(g,h,i)perylene		0.14 J	25	ND(0.88)	22	NS	0.27 J	ND(0.38)	NS
Benzo(k)fluoranthene		ND(0.48)	35	ND(0.88)	26	NS	0.31 J	ND(0.38)	NS
Chrysene		0.28 J	43	0.34 J	40	NS	0.39 J	0.088 J	NS
Dibenzofluoranthene		ND(0.98)	6.2 J	ND(1.8)	ND(10)	NS	ND(1.1)	ND(0.76)	NS
Dibenzofuran		ND(0.48)	ND(5.5)	ND(0.88)	ND(5.0)	NS	ND(0.53)	ND(0.38)	NS
Fluoranthene		0.56	71	0.59 J	76	NS	0.29 J	0.082 J	NS
Fluorene		ND(0.48)	ND(5.5)	ND(0.88)	64	NS	ND(0.53)	ND(0.38)	NS
Indeno(1,2,3-cd)pyrene		0.12 J	25	ND(1.8)	13	NS	ND(1.1)	ND(0.76)	NS
Naphthalene		ND(0.48)	ND(5.5)	ND(0.88)	880	NS	ND(0.53)	ND(0.38)	NS
Phenanthrene		0.52	2.3 J	0.44 J	280	NS	0.26 J	ND(0.38)	NS
Pyrene		0.52	76	0.53 J	230	NS	0.81	0.10 J	NS
Furans									
2,3,7,8-TCDF		0.000038	0.000032	0.00013	ND(0.000062)	NS	0.000087	ND(0.000010)	NS
TCDFs (total)		0.000033	0.000034	0.0010	ND(0.000062)	NS	0.00012 I	ND(0.000010)	NS
1,2,3,7,8-PeCDF		0.000013 J**	0.000012	0.000031	ND(0.000059)	NS	0.000038	ND(0.000020)	NS
2,3,4,7,8-PeCDF		0.000024	0.00018	0.000049	ND(0.000058)	NS	0.000035	ND(0.000019)	NS
PeCDFs (total)		0.000024	0.0016 Q	0.00055 Q	ND(0.000058)	NS	0.00052	0.000042	NS
1,2,3,4,7,8-HxCDF		0.000026	0.00017	0.000022	ND(0.000054)	NS	0.000076 w	ND(0.000018)	NS
1,2,3,6,7,8-HxCDF		0.000013 J**	0.000030	0.000016	ND(0.000050)	NS	0.000016	ND(0.000017)	NS
1,2,3,7,8,9-HxCDF		0.0000037 J**	0.0000078	0.000038	ND(0.000059)	NS	ND(0.000033)	ND(0.000020)	NS
2,3,4,6,7,8-HxCDF		0.000016 J**	0.000089	0.000026	ND(0.000055)	NS	0.000063	ND(0.000018)	NS
HxCDFs (total)		0.000023	0.0011	0.00035	ND(0.000054)	NS	0.00086	0.000066	NS
1,2,3,4,6,7,8-HpCDF		ND(0.000050)	0.000041	0.000042	ND(0.000092)	NS	0.000059	0.000021 J	NS
1,2,3,4,7,8,9-HpCDF		0.0000098 J**	0.000054	0.000050	ND(0.00011)	NS	0.000052	ND(0.000053)	NS
HpCDFs (total)		0.000012	0.00011	0.000091	ND(0.00010)	NS	0.00017	0.000021	NS
OCDF		0.000011	0.000030	0.000032	ND(0.00011)	NS	0.000016	ND(0.000023)	NS
Total Furans		0.00010	0.0032	0.0020	ND(0.00011)	NS	0.0017	0.00013	NS
Dioxins									
2,3,7,8-TCDD		ND(0.00000095)	0.0000055 w	0.000011	ND(0.000084)	NS	0.0000083	ND(0.000016)	NS
TCDDs (total)		0.0000030	0.000012	0.000023	ND(0.000084)	NS	0.0000083	ND(0.000016)	NS
1,2,3,7,8-PeCDD		ND(0.00000070)	0.000019 J**	0.000018 J**	ND(0.000080)	NS	0.000011 w	ND(0.000026)	NS
PeCDDs (total)		ND(0.00000082)	0.000022 Q	0.000026 Q	ND(0.000080)	NS	0.000023	ND(0.000026)	NS
1,2,3,4,7,8-HxCDD		ND(0.00000097)	0.000014 J**	0.0000086 J**	ND(0.000064)	NS	0.0000071 J**	ND(0.000014)	NS
1,2,3,6,7,8-HxCDD		0.0000026	0.000035 w	0.000018 J**	ND(0.000063)	NS	0.0000098 w	ND(0.000014)	NS
1,2,3,7,8,9-HxCDD		0.0000011 w	0.000020 J**	0.000011 J**	ND(0.000058)	NS	0.0000071 J**	ND(0.000013)	NS
HxCDDs (total)		0.000012	0.000038 Q	0.000020	ND(0.000062)	NS	0.000031	ND(0.000014)	NS
1,2,3,4,6,7,8-HpCDD		ND(0.0000025)	0.000029	0.000017	ND(0.000077)	NS	0.000011	ND(0.000023)	NS
HpCDDs (total)		0.0000063	0.000056	0.000036	ND(0.000077)	NS	0.000022	ND(0.000023)	NS
OCDD		ND(0.000014)	0.00017	0.000094	ND(0.00012)	NS	0.000041	ND(0.000026)	NS
Total Dioxins		0.0000078	0.00029	0.00020	ND(0.00012)	NS	0.00013	ND(0.000026)	NS
Total TEQs (WHO TEFs)		0.0000023	0.00011	0.000050	ND(0.00012)	NS	0.000030	0.0000021	NS

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX-3 CONSTITUENTS

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

Location:		ADJACENT TO FUTURE CITY RECREATIONAL AREA							
Sample ID:	RAA4-10	RAA4-13	RAA4-15	RAA4-16	RAA4-16	RAA4-17	RAA4-18	RAA4-18	
Sample Depth(Feet):	0-1	0-1	0-1	6-15	12-14	0-1	1-6	4-6	
Parameter	Date Collected:	01/30/01	01/30/01	01/30/01	01/24/01	01/24/01	01/29/01	01/29/01	01/29/01
Inorganics									
Arsenic	ND(15.0)	ND(25.0)	ND(15.0)	ND(15.0)	NS	ND(24.0)	ND(15.0)	NS	
Barium	97.0	ND(50.0)	38.0	36.0	NS	ND(48.0)	32.0	NS	
Beryllium	0.350	0.310	0.340	0.350	NS	0.430	0.290	NS	
Chromium	15.0	11.0	16.0	9.80	NS	11.0	7.30	NS	
Cobalt	16.0	ND(12.0)	14.0	16.0	NS	ND(12.0)	9.80	NS	
Copper	78.0	35.0	41.0	36.0	NS	33.0	ND(17.0)	NS	
Cyanide	ND(1.00)	ND(1.00)	ND(1.00)	79.0	NS	ND(1.00)	ND(1.00)	NS	
Lead	76.0	37.0	46.0	13.0 J	NS	28.0	12.0	NS	
Mercury	ND(0.290)	ND(0.330)	ND(0.280)	ND(0.260)	NS	ND(0.320)	ND(0.230)	NS	
Nickel	30.0	20.0	25.0	27.0	NS	21.0	15.0	NS	
Sulfide	25.0	ND(8.30)	ND(6.90)	1600 J	NS	23.0	13.0	NS	
Thallium	2.30	ND(2.50)	ND(2.10)	ND(2.00)	NS	ND(2.40)	ND(1.70)	NS	
Vanadium	16.0	14.0	14.0	12.0	NS	16.0	ND(8.50)	NS	
Zinc	160	67.0	95.0	52.0 J	NS	63.0	48.0	NS	

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSFUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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

Location: Sample ID: Sample Depth (Feet): Parameter Date Collected:	ADJACENT TO FUTURE CITY RECREATIONAL AREA								
	RAA4-19 0-1 01/29/01	RAA4-19 1-6 01/29/01	RAA4-19 3-4 01/29/01	RAA4-21 6-15 01/29/01	RAA4-21 12-14 01/29/01	RAA4-22 1-6 01/31/01	RAA4-22 4-6 01/31/01	X-16 6-15 01/31/01	X-18 6-15 02/01/01
Volatiles Organics									
Benzene	ND(0.0072)	NS	ND(0.0054)	NS	ND(0.0083)	NS	ND(0.0068)	NS	NS
Chlorobenzene	ND(0.0072)	NS	ND(0.0054)	NS	ND(0.0083)	NS	ND(0.0068)	NS	NS
Ethylbenzene	ND(0.0072)	NS	ND(0.0054)	NS	ND(0.0083)	NS	ND(0.0068)	NS	NS
Styrene	ND(0.0072)	NS	ND(0.0054)	NS	ND(0.0083)	NS	ND(0.0068)	NS	NS
Toluene	ND(0.0072)	NS	ND(0.0054)	NS	ND(0.0083)	NS	ND(0.0068)	NS	NS
Xylenes (total)	ND(0.014)	NS	ND(0.011)	NS	ND(0.0083)	NS	ND(0.0068)	NS	NS
Semivolatile Organics									
2-Methylnaphthalene	0.097 J	ND(0.36)	NS	ND(0.55)	NS	ND(0.54)	NS	NS	NS
Acenaphthene	ND(0.48)	ND(0.36)	NS	ND(0.55)	NS	ND(0.54)	NS	NS	NS
Acenaphthylene	0.20 J	ND(0.36)	NS	ND(0.55)	NS	ND(0.54)	NS	NS	NS
Anthracene	0.17 J	ND(0.36)	NS	ND(0.55)	NS	0.14 J	NS	NS	NS
Benzo(a)anthracene	0.57	ND(0.36)	NS	ND(0.55)	NS	0.11 J	NS	NS	NS
Benzo(a)pyrene	0.58	ND(0.36)	NS	ND(0.55)	NS	0.11 J	NS	NS	NS
Benzo(b)fluoranthene	ND(0.48)	ND(0.36)	NS	ND(0.55)	NS	ND(0.54)	NS	NS	NS
Benzo(g,h,i)perylene	0.52	ND(0.36)	NS	ND(0.55)	NS	ND(0.54)	NS	NS	NS
Benzo(k)fluoranthene	0.47 J	ND(0.36)	NS	ND(0.55)	NS	ND(0.54)	NS	NS	NS
Chrysene	0.61	ND(0.36)	NS	ND(0.55)	NS	0.11 J	NS	NS	NS
Dibenzo(a,h)anthracene	ND(0.97)	ND(0.72)	NS	ND(1.1)	NS	ND(1.1)	NS	NS	NS
Dibenzofuran	ND(0.48)	ND(0.36)	NS	ND(0.55)	NS	ND(0.54)	NS	NS	NS
Fluoranthene	1.0	ND(0.36)	NS	ND(0.55)	NS	0.31 J	NS	NS	NS
Fluorene	0.16 J	ND(0.36)	NS	ND(0.55)	NS	ND(0.54)	NS	NS	NS
Indeno(1,2,3-cd)pyrene	0.40 J	ND(0.72)	NS	ND(1.1)	NS	ND(1.1)	NS	NS	NS
Naphthalene	0.20 J	ND(0.36)	NS	ND(0.55)	NS	0.52 J	NS	NS	NS
Phenanthrene	1.1	ND(0.36)	NS	0.12 J	NS	0.54	NS	NS	NS
Pyrene	1.1	ND(0.36)	NS	ND(0.55)	NS	0.33 J	NS	NS	NS
Furans									
2,3,7,8-TCDF	0.000018	ND(0.000011)	NS	ND(0.000014)	NS	ND(0.000014)	NS	ND(0.000015)	ND(0.00040)
TCDFs (total)	0.000161	ND(0.000011)	NS	ND(0.000014)	NS	ND(0.000014)	NS	ND(0.000015)	ND(0.00040)
1,2,3,7,8-PeCDF	0.0000049	ND(0.000015)	NS	ND(0.000017)	NS	ND(0.000020)	NS	ND(0.000012)	ND(0.0011)
2,3,4,7,8-PeCDF	0.0000080	ND(0.000015)	NS	ND(0.000017)	NS	ND(0.000020)	NS	ND(0.000012)	ND(0.0011)
PeCDFs (total)	0.00011	ND(0.000015)	NS	ND(0.000017)	NS	ND(0.000020)	NS	ND(0.000012)	ND(0.0011)
1,2,3,4,7,8-HxCDF	0.0000044	ND(0.0000094)	NS	ND(0.000012)	NS	ND(0.000062)	NS	ND(0.000052)	0.00039 J**
1,2,3,6,7,8-HxCDF	0.0000039	ND(0.0000088)	NS	ND(0.000011)	NS	ND(0.000058)	NS	ND(0.000049)	0.00043 w
1,2,3,7,8,9-HxCDF	0.0000088 J**	ND(0.000010)	NS	ND(0.000013)	NS	ND(0.000068)	NS	ND(0.000057)	0.00066 J**
2,3,4,6,7,8-HxCDF	0.0000077	ND(0.0000095)	NS	ND(0.000012)	NS	ND(0.000063)	NS	ND(0.000053)	0.00042 J**
HxCDFs (total)	0.00011	ND(0.0000095)	NS	ND(0.000012)	NS	ND(0.00052)	NS	ND(0.000022)	0.0015
1,2,3,4,6,7,8-HpCDF	0.000012	ND(0.0000087)	NS	ND(0.000012)	NS	ND(0.000040)	NS	ND(0.000032)	0.00042 J**
1,2,3,4,7,8,9-HpCDF	0.0000014 J**	ND(0.000010)	NS	ND(0.000014)	NS	ND(0.000048)	NS	ND(0.000038)	0.00041 J**
HpCDFs (total)	0.000028	ND(0.0000095)	NS	ND(0.000013)	NS	ND(0.000044)	NS	ND(0.000035)	0.00083
OCDF	0.0000089	ND(0.000022)	NS	ND(0.000020)	NS	ND(0.000038)	NS	ND(0.000030)	0.0016 J**
Total Furans	0.00042	ND(0.000022)	NS	ND(0.000020)	NS	ND(0.00052)	NS	ND(0.000057)	0.0039
Dioxins									
2,3,7,8-TCDD	0.0000030 w	ND(0.000018)	NS	ND(0.000019)	NS	ND(0.000020)	NS	ND(0.000017)	ND(0.00032)
TCDDs (total)	0.0000027	ND(0.000018)	NS	ND(0.000019)	NS	ND(0.000020)	NS	ND(0.000017)	ND(0.00032)
1,2,3,7,8-PeCDD	0.0000093 w	ND(0.000017)	NS	ND(0.000020)	NS	ND(0.00021)	NS	ND(0.000017)	0.00049 J**
PeCDDs (total)	0.0000034	ND(0.000017)	NS	ND(0.000020)	NS	ND(0.00021)	NS	ND(0.000017)	0.00049
1,2,3,4,7,8-HxCDD	0.0000028 J**	ND(0.000011)	NS	ND(0.000012)	NS	ND(0.000084)	NS	ND(0.000033)	0.00041 J**
1,2,3,6,7,8-HxCDD	0.0000050 J**	ND(0.000011)	NS	ND(0.000012)	NS	ND(0.000083)	NS	ND(0.000033)	0.00047 J**
1,2,3,7,8,9-HxCDD	0.0000039 J**	ND(0.000010)	NS	ND(0.000011)	NS	ND(0.000076)	NS	ND(0.000030)	0.00052 J**
HxCDDs (total)	0.0000095	ND(0.000011)	NS	ND(0.000012)	NS	ND(0.000081)	NS	ND(0.000032)	0.0014
1,2,3,4,6,7,8-HpCDD	0.0000072	ND(0.000018)	NS	ND(0.000021)	NS	ND(0.000080)	NS	ND(0.000042)	ND(0.00029)
HpCDDs (total)	0.000017	ND(0.000018)	NS	ND(0.000021)	NS	ND(0.000080)	NS	ND(0.000042)	ND(0.00029)
OCDD	0.000057	ND(0.000027)	NS	ND(0.000036)	NS	ND(0.000040)	NS	ND(0.000037)	ND(0.0014)
Total Dioxins	0.000085	ND(0.000027)	NS	ND(0.000036)	NS	ND(0.00021)	NS	ND(0.000042)	0.0019
Total TEQs (WHO TEFs)	0.0000093	ND(0.000027)	NS	ND(0.000036)	NS	ND(0.00052)	NS	ND(0.000057)	0.00083

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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

Location:	ADJACENT TO FUTURE CITY RECREATIONAL AREA									
Sample ID:	RAA4-19	RAA4-19	RAA4-19	RAA4-21	RAA4-21	RAA4-22	RAA4-22	X-16	X-18	
Sample Depth (Feet):	0-1	1-6	3-4	6-15	12-14	1-6	4-6	6-15	6-15	
Parameter	Date Collected:	01/29/01	01/29/01	01/29/01	01/29/01	01/29/01	01/31/01	01/31/01	01/31/01	02/01/01
Inorganics										
Arsenic	ND(15.0)	ND(15.0)	NS	ND(25.0)	NS	ND(20.0)	NS	NS	NS	NS
Barium	53.0	ND(30.0)	NS	76.0	NS	ND(40.0)	NS	NS	NS	NS
Beryllium	0.410	0.250	NS	0.680	NS	0.310	NS	NS	NS	NS
Chromium	11.0	6.90	NS	17.0	NS	13.0	NS	NS	NS	NS
Cobalt	ND(11.0)	8.20	NS	18.0	NS	16.0	NS	NS	NS	NS
Copper	54.0	17.0	NS	30.0	NS	32.0	NS	NS	NS	NS
Cyanide	ND(1.00)	ND(1.00)	NS	ND(1.00)	NS	ND(1.00)	NS	NS	NS	NS
Lead	60.0	8.40	NS	18.0	NS	21.0	NS	NS	NS	NS
Mercury	ND(0.290)	ND(0.220)	NS	ND(0.330)	NS	ND(0.270)	NS	NS	NS	NS
Nickel	22.0	14.0	NS	32.0	NS	27.0	NS	NS	NS	NS
Sulfide	23.0	6.90	NS	16.0	NS	ND(6.80)	NS	NS	NS	NS
Thallium	ND(2.20)	ND(1.60)	NS	ND(2.50)	NS	ND(2.00)	NS	NS	NS	NS
Vanadium	24.0	ND(8.10)	NS	17.0	NS	11.0	NS	NS	NS	NS
Zinc	86.0	32.0	NS	88.0	NS	75.0	NS	NS	NS	NS

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 (excluding herbicides and pesticides).
2. ND - Analyte was not detected. The number in parentheses is the associated quantitation limit for volatiles and semivolatiles and the associated detection limit for other constituents.
3. NS - Not Sampled - Parameter was not requested on sample chain of custody form.
4. J - Indicates an estimated value less than the practical quantitation limit (PQL).
5. J** - Indicates an estimated value between the lower calibration limit and the target detection limit.
6. Duplicate sample results are presented in brackets.
7. w - Estimated maximum possible concentration.
8. I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
9. Q - Indicates the presence of quantitative interferences
10. Total dioxins/furans determined as the sum of the total homolog concentrations; non-detect values considered as zero.
11. 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, per technical Attachment F to the SOW.
12. J - The compound or analyte was positively identified, but the associated numerical value is an estimated concentration. This qualifier is used when the data evaluation procedure identifies a deficiency in the data generation process.