

R E P O R T

***Pre-Design Investigation Work Plan
Addendum for Soils Adjacent to
Silver Lake***

**General Electric Company
Pittsfield, Massachusetts**

October 2003

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

October 10, 2003

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

**Re: GE-Pittsfield/Housatonic River Site
Silver Lake Area (GEC600)
Pre-Design Investigation Work Plan Addendum for Soils Adjacent to Silver Lake**

Dear Mr. Olson:

Enclosed please find the General Electric Company's (GE's) *Pre-Design Investigation Work Plan Addendum for Soils Adjacent to Silver Lake* (PDI Work Plan Addendum) which summarizes the pre-design soil investigations that have been performed to date for bank soils at several properties adjacent to Silver Lake. This PDI Work Plan Addendum also evaluates and reports on the sufficiency of polychlorinated biphenyl (PCB) data (and data from prior soil investigations) to characterize the bank soils at each property (or other relevant area) within the Silver Lake Area.

In addition, this PDI Work Plan Addendum provides, for each property, an evaluation of whether the available PCB data indicate that PCBs are or may be present in soils at concentrations greater than 2 parts per million (ppm) in the non-bank portion of the property. Where data needs are identified either to complete the characterization of bank soils or to assess the presence of PCBs in the non-bank portion of a property, this Addendum presents a proposal for additional sampling to address those data needs.

Please note that, pursuant to the EPA-approved PDI Work Plan (BBL, January 2003), the performance of pre-design investigations and related reporting has been and will continue to be conducted separately for sediments and soils within the Silver Lake Area. For sediments, pre-design activities are currently being performed and a Pre-Design Investigation Report will be provided to EPA (in February 2004) to summarize the results of those activities.

Please call me if you have any questions.

Very truly yours,

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

Enclosure

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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 part of the GE-Pittsfield/Housatonic River Site (the Site). For each Removal Action, the CD and accompanying *Statement of Work for Removal Actions Outside the River* (SOW) establish Performance Standards that must be achieved, as well as specific work plans and other documents that must be prepared to support the response actions for each RAA. One of these RAAs – the Silver Lake Area – is addressed in this document.

To characterize the soils and (where applicable) sediments in each RAA, and to support the development of any future response actions, the SOW requires the preparation of a Pre-Design Investigation Work Plan. In January 2003, GE submitted a *Pre-Design Investigation Work Plan for the Silver Lake Area Removal Action* (PDI Work Plan) that described the pre-design activities proposed by GE for sediments within Silver Lake and bank soils located in certain areas adjacent to Silver Lake. That PDI Work Plan was a revision of an earlier version of the work plan (submitted in April 2002) which was revised in response to EPA comments contained in a letter dated November 21, 2002. The January 2003 PDI Work Plan was conditionally approved by EPA in a letter dated February 11, 2003.

Pursuant to the EPA-approved PDI Work Plan, the performance of pre-design investigations and related reporting has been and will continue to be conducted separately for sediments and soils within the Silver Lake Area. For sediments, pre-design activities are currently being performed and a Pre-Design Investigation Report will be provided to EPA (in February 2004) to summarize the results of those activities. This *Pre-Design Investigation Work Plan Addendum for Soils Adjacent to Silver Lake* (PDI Work Plan Addendum) summarizes the pre-design soil investigations that have been performed to date for bank soils at several properties adjacent to Silver Lake (shown on Figure 1-1).

This PDI Work Plan Addendum also evaluates and reports on the sufficiency of these data (and data from prior soil investigations) to characterize the bank soils at each property (or other relevant area) within the Silver Lake Area. In addition, this PDI Work Plan Addendum provides, for each such property, an evaluation of whether the available PCB data indicate that PCBs are or may be present at concentrations greater than 2 parts per million (ppm) in the non-bank portion of the property. Where data needs are identified either to complete the characterization of bank soils or to assess the presence of PCBs in the non-bank portion of a property, this PDI Work Plan Addendum presents a proposal for additional sampling to address those data needs. Further, as noted in the PDI Work Plan, for those properties where GE is proposing additional investigations of the non-bank portions, this PDI Work Plan Addendum includes a proposal regarding the regulatory framework under which GE proposes to conduct those additional investigations and other future response actions (where necessary) at the non-bank portions – i.e., as part of the Silver Lake Area Removal Action under the CD or pursuant to GE’s Administrative Consent Order (ACO) with MDEP governing off-site properties where fill material from the GE facility may have come to be located.

Note that the pre-design activities summarized in this PDI Work Plan Addendum pertain to soils only. Activities concerning groundwater in the vicinity of the Silver Lake Area are being addressed separately as part of the Plant Site 1 Groundwater Management Area (GMA 1) baseline monitoring program, as well as in conjunction with certain pre-design activities related to Silver Lake sediments.

1.2 Format of this Work Plan

After this introductory section, this PDI Work Plan Addendum contains three sections. Section 2 describes the pre-design investigation activities performed for bank soils and presents the results. Section 3 provides an evaluation of the available soils data for each property (or other pertinent area) within the Silver Lake Area to determine whether additional data are needed to: (a) complete the characterization of those bank areas, and (b) determine whether the presence of PCBs at concentrations greater than 2 ppm extend into the non-bank portions. Where such data needs are identified, Section 3 presents a proposal for supplemental soil sampling to satisfy those data needs for the bank and/or non-bank portion of a given property. For properties where supplemental soil sampling of the non-bank portions is proposed, Section 3 also identifies the regulatory framework proposed by GE for carrying out such sampling, as well as future response actions, in those portions. Section 4 presents a proposed schedule for implementing the supplemental soil investigations proposed herein and submitting a report on the results, along with evaluations of the need for and scope of further activities.

2. Summary of Pre-Design Investigations

2.1 General

This section summarizes the pre-design investigations that have been completed to date for bank soils at the Silver Lake Area. The pre-design field activities described in the PDI Work Plan were completed by GE between June 9 and August 7, 2003 and on September 16, 2003, except at one property (Parcel I9-9-19) for which access permission has still not been obtained from the property owner. These investigations were performed on behalf of GE by Blasland, Bouck & Lee, Inc. (BBL), while analytical services were provided by CT&E Environmental Services, Inc. During the performance of these activities, Weston Solutions, Inc. (Weston) performed oversight activities on behalf of EPA, including the collection and analysis of split samples at certain locations identified by EPA. In total, the pre-design soil sampling effort (including the combined efforts of GE and EPA) involved the collection and analysis of approximately 295 soil samples from approximately 135 locations for analysis of PCBs and 105 soil samples from approximately 50 locations for analysis of some or all of the non-PCB constituents listed in Appendix IX of 40 CFR Part 264 (excluding pesticides and herbicides) plus three additional constituents (benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine) (Appendix IX+3). The locations of the recent pre-design samples collected by GE and EPA, as well as the locations of the usable historical samples, are identified on Figures 2-1 through 2-5.

2.2 Summary of Pre-Design Sampling and Analysis Activities

With certain limited exceptions (discussed in Section 2.3), the pre-design bank soil sample locations, frequencies, depths, and analytes were consistent with the activities proposed in the PDI Work Plan. All field and analytical activities conducted by GE were performed in accordance with the GE's approved *Field Sampling Plan/Quality Assurance Project Plan* (FSP/QAPP). Soil boring logs are presented in Appendix A.

Soil samples collected by GE for PCB analysis during the pre-design investigations were analyzed for Arochlor-specific PCBs by EPA Method 8082. The PCB results were reported on a dry-weight basis with a detection limit (where feasible) of approximately 0.05 ppm for all Arochlors. Select soil samples collected by GE were also analyzed for Appendix IX+3 constituents (excluding pesticides and herbicides, which were excluded from

pre-design investigations with EPA approval), utilizing the methods and reporting limits consistent with those presented in the FSP/QAPP.

2.3 Modifications to Pre-Design Sampling and Analysis Activities

During the performance of pre-design investigations, several modifications to the sampling and analysis program outlined in the PDI Work Plan were implemented based on field conditions and observations. The following modifications to the activities proposed in the PDI Work Plan and approved by EPA were implemented with concurrence from EPA field representatives:

- At soil boring I9-9-9-SB-1 (Figure 2-4), several attempts were made to collect sufficient soil volume from the 3- to 5-foot depth increment. These attempts were unsuccessful, even after alternative locations were tried. As a result, not enough soil was obtained to allow analysis for all of the proposed PCB and other Appendix IX+3 constituents. Based on discussions with EPA's field representatives, only analyses for PCBs and semi-volatile organic compounds (SVOCs) were conducted on the 3- to 5-foot soil sample from this location.
- At soil borings I9-9-1-SB-1, I9-10-8-SB-2, and I9-10-8-SB-6 (Figure 2-4), samples collected from the 7- to 9-foot and 9 to 11-foot depth increments were held by the analytical laboratory beyond the allowable holding time. Since the samples exceeded their holding time and rather than jeopardize the integrity of the analytical results from these samples, those depth increments were re-sampled on August 7, 2003.
- At soil boring I9-9-24-SB-1 (Figure 2-2), non-aqueous-phase liquid (NAPL) was observed between 0 and 3 feet below ground surface (bgs). Based on discussions with EPA's field representatives, observed NAPL was homogenized within the soil samples collected at the 0 to 1-foot and 1- to 3-foot depth increments and subject to Appendix IX+3 analysis consistent with the analyses proposed in the PDI Work Plan. In accordance with the SOW, location I9-9-24-SB-1 was evaluated to determine the need for a monitoring well. Based on the location of this boring (i.e., along the lower bank adjacent to the lake) and the low-level detections of Appendix IX+3 constituents from the samples that were analyzed, GE has determined that installation of a monitoring well at this location is not warranted. Additionally, it is anticipated that if a monitoring well were installed at this location, it would likely be heavily

influenced by surface water interactions with the lake and not indicative of groundwater conditions in the area.

- Despite numerous efforts by GE, as well as efforts by EPA, access permission has not to date been obtained from the owner of Parcel I9-9-19 (Figure 2-3). As a result, that parcel could not be sampled as proposed. GE will continue its efforts to obtain access to Parcel I9-9-19, and it will conduct the pre-design soil investigations promptly after obtaining access and report the results to EPA, as discussed further in Section 3.2 below (under Parcel I9-9-19).

Apart from the inability to obtain access to Parcel I9-9-19, none of the modifications identified above significantly affects the overall characterization of the soils within the bank portions of the properties within the Silver Lake Area.

2.4 Summary of Available Soil Data

The analytical results for the pre-design soil samples collected by GE are provided in Tables 2-1 and 2-2. These tables provide the results of GE's recent pre-design investigations for PCBs and other Appendix IX+3 constituents, respectively. Since access to Parcel I9-9-34 was not obtained until late August 2003, that parcel was not sampled until September 16, 2003. The PCB results from those samples have been obtained and are included in Table 2-1. However, the results for the other Appendix IX+3 constituents from this parcel have not yet been received and thus are not included in Table 2-2. Following receipt of these non-PCB data, GE will transmit the data to EPA, and these data will also be included in GE's next submission for the bank properties in the Silver Lake Area (the Interim Pre-Design Investigation Report, discussed in Section 4 below).

The historical soil data obtained prior to the pre-design investigations and considered to be usable to satisfy pre-design sampling requirements and/or for future Removal Design/Removal Action (RD/RA) evaluations (as discussed and presented in the PDI Work Plan) are summarized in Tables 2-3 and 2-4 for PCBs and other Appendix IX+3 constituents, respectively. These tables include data collected both by GE and by EPA.

The PCB and non-PCB data from split samples collected and analyzed by EPA during the pre-design investigations are presented in Table 2-5.

Note that all these data summary tables only present the results for constituents that were detected in one or more samples during the respective investigations, with the exception of polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans (PCDDs/PCDFs), for which the tables present the results for all constituents analyzed. Complete listings of the Appendix IX+3 laboratory results for GE's pre-design samples, historical samples, and recent EPA split samples are included in Appendix B, as Tables B-1, B-2, and B-3, respectively.

2.5 Data Quality Assessment

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

All of the GE pre-design soil analytical data for PCB and other Appendix IX+3 analyses have undergone data validation in accordance with Section 7.5 of the FSP/QAPP. The results of this assessment for GE's recent pre-design samples are summarized in a data validation report presented in Appendix C. As indicated in that report, 99.9% of the pre-design data collected by GE are considered to be usable, which is greater than the minimum required usability of 90% specified in the FSP/QAPP. Thus, the GE pre-design soil PCB and other Appendix IX+3 data set meets the data quality objectives set forth in the PDI Work Plan and the FSP/QAPP.

The historical data were reviewed and assessed for data quality in connection with the PDI Work Plan. The results of that data quality assessment were presented in Section 4.4.1 of the PDI Work Plan.

The recent results from EPA's split samples collected during the pre-design investigations were provided by EPA. At this time, those data have not been validated. However, it is anticipated that these data will be validated by EPA and that the validated data will be included in EPA's upcoming database exchange to GE in November 2003. These validated results will be included in GE's next submission for the bank properties in the Silver Lake Area (the Interim Pre-Design Investigation Report, discussed in Section 4 below).

3. Evaluation of Data Needs and Proposed Supplemental Investigations

3.1 General

The results of the investigations performed to date related to bank soils and other nearby sampling locations at the properties within the Silver Lake Area have been evaluated to determine whether they adequately characterize the bank soils and whether the presence of PCBs at concentrations above 2 ppm likely extends beyond the bank soils and into other portions of the properties. Sections 3.2, 3.3, and 3.4 provide an assessment of the available PCB sampling data and related information, and identify (where appropriate) data needs and proposals for additional soil investigations.

In evaluating the available soil data to determine whether additional data needs exist, GE has focused at this time on the data for PCBs. Specifically, GE has evaluated the available PCB data to determine, for each property within this RAA: (1) whether additional data are necessary to characterize the extent of PCBs in the bank soils; and (2) whether the existing data indicate that PCBs above 2 ppm may extend into the non-bank portion of the property and, if so, the appropriate scope of sampling of the non-bank portion. For properties where the data indicate that PCBs at concentrations above 2 ppm may extend into the non-bank portion of the property and where that non-bank portion has not been extensively sampled, GE is proposing an iterative approach to additional sampling. Under this approach, the sampling proposed herein will include sampling at selected locations on the non-bank portion relatively close to the top of the bank, in order to determine whether and to what extent the presence of PCBs above 2 ppm extends into the non-bank portion. Based on this information, GE will then determine and propose which of these properties, if any, require additional sampling to define the extent of PCBs in the non-bank portion and the appropriate scope of such additional sampling. At the same time, GE will review both the then-available PCB data and the data on other Appendix IX+3 constituents at these properties, and will evaluate the need for and scope of additional sampling for the non-PCB Appendix IX+3 constituents at these properties and propose such sampling as needed.

GE believes that this iterative approach for the non-bank portions of properties is appropriate so as to avoid potentially unnecessary soil investigations and to ensure that the additional sampling is focused on areas where it is necessary to characterize the non-bank portions. There is ample time to implement this iterative approach to soil sampling, since GE believes that it would be most appropriate to coordinate the soil-related remediation activities for the properties adjacent to Silver Lake with the sediment-related remediation activities for Silver

Lake itself (so as to avoid unnecessary disruption), and the sediment-related remediation actions for Silver Lake are not expected to begin until 2005.

This approach is described further in Section 3.5 below. As also discussed in that section, for those properties where the data indicate that PCBs above 2 ppm may extend into the non-bank portions, GE is proposing to carry out the supplemental investigations, as well as future RD/RA evaluations and any necessary remediation actions, at both the bank and non-bank portions under the CD as part of the Silver Lake Area Removal Action. A proposed schedule for upcoming activities at the properties adjacent to Silver Lake is included in Section 4.

3.2 Residential Properties

This section summarizes the existing PCB soil data from the residential properties located within the Silver Lake Area, and assesses whether supplemental PCB sampling is needed to further characterize PCBs in bank soils and/or non-bank soils.

Parcel I9-9-1

As part of previous investigation activities conducted in February and October 1995, GE collected and analyzed 2 soil samples for PCBs from 2 locations along the bank portions of Parcel I9-9-1. In addition, EPA sampling conducted in October 1998 involved the collection and analysis of 72 soil samples for PCBs from 23 locations along the bank and non-bank portions of this property. Finally, recent pre-design bank soil sampling performed by GE resulted in the collection and analysis of 18 additional soil samples for PCBs from 6 locations (as well as one split sample analyzed by EPA). The sampling locations are shown on Figure 2-4, and the PCB analytical results are included in Tables 2-1, 2-3, and 2-5. In addition, the available non-PCB Appendix IX+3 data for this property (7 total samples analyzed for some or all of these constituents) are included in Tables 2-2 and 2-4.

Based on the available PCB data, it is evident that PCBs are present in soils within both the bank and non-bank portions of this property. As such, review of potential PCB-related data needs for this parcel has focused on the overall extent of PCBs within the property. Review of the available PCB data for Parcel I9-9-1 indicates that the horizontal and vertical extent of PCBs have been generally characterized and are sufficient to support future RD/RA evaluations for the property. However, the vertical extent of PCBs at two EPA bank sample locations has not been defined – i.e., A168, where PCBs were detected at 9.0 ppm from 6 to 8 feet, and B144, where

PCBs were detected at 16 ppm from 6 to 8 feet. Therefore, GE proposes additional pre-design bank soil sampling to further assess the vertical extent of PCBs within this area. Specifically, GE proposes to advance one soil boring along the bank portion of Parcel I9-9-1 between the two above-referenced sample locations, as shown on Figure 2-4. This boring will be advanced to a depth of 15 feet (or refusal), and samples will be collected from the 0- to 1-foot, 1- to 3-foot, 3- to 5-foot, 5- to 7-foot, 7- to 9-foot, 9- to 11-foot, 11- to 13-foot, and 13- to 15-foot depth increments. Samples from the 0- to 1-foot through 7- to 9-foot depth increments will initially be analyzed for PCBs, and the remaining depth increments will be held for PCB analysis if PCBs are detected in the 7- to 9-foot depth increment.

Parcel I9-9-9

The pre-design investigation activities at Parcel I9-9-9 included GE's collection and PCB analysis of 21 soil samples from 6 locations (as well as one split sample analyzed by EPA). The sampling locations are shown on Figure 2-4, and the recent pre-design analytical results for PCBs are included in Tables 2-1 and 2-5. In addition, the non-PCB Appendix IX+3 data for this property (4 samples, including one split sample analyzed by EPA) are included in Tables 2-2 and 2-5.

Review of the available PCB data for Parcel I9-9-9 indicates that the bank soils contain PCBs above 2 ppm and that, based on the specific pre-design sampling locations and depths, PCBs may be present in the non-bank portion of Parcel I9-9-9. To further assess the presence of PCBs on the non-bank portion of this property, supplemental sampling is proposed. Specifically, GE proposes to advance five soil borings on the non-bank portion of Parcel I9-9-9 at the locations shown on Figure 2-4. These borings will be advanced to a depth of 15 feet (or refusal), and samples will be collected from the 0- to 1-foot, 1- to 3-foot, 3- to 5-foot, 5- to 7-foot, 7- to 9-foot, 9- to 11-foot, 11- to 13-foot, and 13- to 15-foot depth increments. Samples from the 0- to 1-foot through 9- to 11-foot depth increments will initially be analyzed for PCBs, and the remaining depth increments will be held for PCB analysis if PCBs are detected in the 9- to 11-foot depth increment.

Additionally, since the vertical extent of PCBs was not defined at bank soil sample location I9-9-9-SB-1 (1.23 ppm at the 9- to 11-foot depth increment), GE proposes to perform additional pre-design bank soil sampling to further define the vertical extent of PCBs. Specifically, GE proposes to collect two additional samples at this location from 11- to 13-foot and 13- to 15-foot depth increments. The 11- to 13-foot sample will initially be analyzed for PCBs and the deeper increment will be analyzed for PCBs if PCBs are detected in the 11- to 13-foot depth increment.

Parcel I9-9-17

During pre-design investigation activities at Parcel I9-9-17, 14 soil samples were collected from 6 locations and analyzed for PCBs. The sampling locations are shown on Figure 2-3, and the recent pre-design analytical results for PCBs are included in Table 2-1. In addition, the non-PCB Appendix IX+3 data for this property (4 samples) are included in Table 2-2.

Review of the available PCB data for Parcel I9-9-17 indicates that PCBs greater than 2 ppm appear to be confined to the lower portion of the bank immediately adjacent to Silver Lake (one sample result: I9-9-17-SB-1; 8.3 ppm in the 1- to 3-foot depth increment), with upper bank and adjacent lower bank sample results all less than 2 ppm. Based on the above, the available PCB data set for Parcel I9-9-17 appears sufficient to support future evaluations for the bank portion of this property and does not indicate the need for sampling at the non-bank portion of the property to determine the extent of PCBs > 2 ppm. Accordingly, GE is not at this time proposing any additional pre-design soil sampling at Parcel I9-9-17, either for the bank portion or for the non-bank portion of the property.

Parcel I9-9-18

During pre-design investigation activities at Parcel I9-9-18, 8 soil samples were collected from 4 locations and analyzed for PCBs. The sampling locations are shown on Figure 2-3, and the recent pre-design analytical results for PCBs are included in Table 2-1. In addition, the non-PCB Appendix IX+3 data for this property (4 samples) are included in Table 2-2.

Review of the available PCB data for Parcel I9-9-18 indicates that PCBs greater than 2 ppm appear to be confined to the lower portion of the bank immediately adjacent to Silver Lake (one sample location: I9-9-18-SB-1; maximum result 33 ppm, 1- to 3-foot depth increment), with upper bank sample results all less than 2 ppm. Based on the above, the available PCB data set for Parcel I9-9-18 appears sufficient to support future evaluations for the bank portion of this property and does not indicate the need for sampling at the non-bank portion of the property to determine the extent of PCBs > 2 ppm. Accordingly, GE is not at this time proposing any additional pre-design soil sampling at Parcel I9-9-18, either for the bank portion or for the non-bank portion of the property.

Parcel I9-9-19

As discussed in Section 2.3, access permission has not yet been obtained from the owner of Parcel I9-9-19 despite numerous efforts by GE and EPA. GE will continue its efforts to obtain access to Parcel I9-9-19 and will conduct the pre-design soil investigations promptly after obtaining access. Once sampling and analysis activities are performed at Parcel I9-9-19 and complete analytical laboratory data packages have been received, a data quality assessment will be performed. Depending on when access is granted, GE may transmit these results in a separate submittal to EPA or include these results within the forthcoming Interim Pre-Design Investigation Report (further discussed in Section 4). In either case, that submittal will include an evaluation of the need for supplemental pre-design PCB soil sampling to address the bank and/or non-bank portion of this property.

Parcel I9-9-24

During pre-design investigation activities at Parcel I9-9-24, 14 bank soil samples were collected from 4 locations and analyzed for PCBs. The sampling locations are shown on Figure 2-2, and the recent pre-design analytical results for PCBs are included in Table 2-1. In addition, the non-PCB Appendix IX+3 data for this property (4 samples) are included in Table 2-2.

Review of the available PCB data for Parcel I9-9-24 indicates that the bank soils contain PCBs above 2 ppm and that, based on the specific pre-design sampling locations and depths, PCBs may be present in the non-bank portion of Parcel I9-9-24 in the area near the top of the bank. To further assess the presence of PCBs in this non-bank portion of the property, supplemental sampling is proposed. Specifically, GE proposes to advance three soil borings on the non-bank portion of Parcel I9-9-24 at locations relatively near the top of the bank, as shown on Figure 2-2. These borings will be advanced to a depth of 15 feet (or refusal), and samples will be collected from the 0- to 1-foot, 1- to 3-foot, 3- to 5-foot, 5- to 7-foot, 7- to 9-foot, 9- to 11-foot, 11- to 13-foot, and 13- to 15-foot depth increments. Initially, the uppermost three depth increments will be analyzed for PCBs, and the lower depth increments will be held for PCB analysis if PCBs are detected in the 3- to 5-foot depth increment.

Additionally, since the vertical extent of PCBs was not defined at bank soil sample locations I9-9-24-SB-1 and I9-9-24-SB-2 (7.39 ppm and 0.34 ppm at the 9- to 11-foot depth increment, respectively), GE proposes to perform additional pre-design bank soil sampling to further define the vertical extent of PCBs. Specifically, GE

proposes to collect two additional samples at each location from the 11- to 13-foot and 13- to 15-foot depth increments. At each location, the 11- to 13-foot sample will initially be analyzed for PCBs and the deeper increment will be analyzed for PCBs if PCBs are detected in the 11- to 13-foot depth increment.

In addition to the pre-design sampling of the bank soils, GE collected soil samples from the 1- to 3-foot depth at two locations in the non-bank portion of Parcel I9-9-24 in an area further removed from the top of the bank from the area where supplemental PCB sampling is proposed. These locations are designated as SS-2 and SS-3 on Figure 2-2. The purpose for this sampling, as described in the PDI Work Plan, was as follows: In 1997, GE sampled the top foot of soil at these two locations for PCBs, based on information from EPA and MDEP that the property had flooded a number of years ago. The results from this sampling showed PCB concentrations less than 2 ppm (Table 2-3). Subsequently, MDEP learned that, soon after the property had flooded, approximately 1 to 2 feet of fill materials were placed on the property. Hence, it was considered possible that the one-foot samples collected in 1997 did not sample any potential PCB-related impacts resulting from the prior flooding. As a result, EPA directed GE to propose additional sampling on the non-bank portion of this property. In response, as part of pre-design sampling activities at this property, GE collected two samples from the 1- to 3-foot depth interval at the locations which coincide with the prior surface soil sampling, to make a screening assessment of whether PCB concentrations greater than 2 ppm may be present at the 1- to 3-foot depth due to flooding that occurred prior to the placement of fill. The results of this sampling show PCB concentrations at very low levels, with a maximum of 0.067 ppm (Table 2-1). Based on these results, GE is not proposing at this time to conduct any additional sampling in this further upland portion of Parcel I9-9-24.

Parcel I9-10-8

As part of previous investigation activities conducted in January and October 1995, GE collected and analyzed 12 soil samples for PCBs from 5 locations along the bank portions of Parcel I9-10-8. In addition, EPA sampling conducted in October 1998 involved the collection and analysis of 176 soil samples for PCBs from 55 locations on the bank and non-bank portions of this property. Finally, recent pre-design bank soil sampling performed by GE resulted in the collection and analysis of 26 additional soil samples for PCBs from 9 locations. The sampling locations are shown on Figure 2-4, and the PCB results are included in Tables 2-1 and 2-3. In addition, the available non-PCB Appendix IX+3 data for this property (8 total samples analyzed for some or all of these constituents) are included in Tables 2-2 and 2-4.

For this particular property, there is not a well-defined distinction between bank and non-bank areas. Also, based on the available sampling data (specifically, the results of EPA sampling conducted in 1998), it is evident that PCBs are present in various portions of the property. As such, the review of potential PCB-related data needs for this particular property focused on the overall presence of PCBs within the property. Review of the available PCB data set for Parcel I9-10-8 indicates that the horizontal and vertical extent of PCBs at this property has been generally characterized and is sufficient to support future RD/RA evaluations, subject to addressing a few data needs to further determine the horizontal or vertical extent of PCBs in specific portions of the property. To address these remaining data needs, GE is proposing to collect soil samples from six locations at Parcel I9-10-8, as shown on Figure 2-4. Specifically, in the northern portion of the property, where the vertical extent of PCBs has not been determined, GE proposes to advance two soil borings (at locations I9-10-8-SB-10 and I9-10-8-SB-11) to a depth of 15 feet (or refusal), and to collect samples from these borings at the 0- to 1-foot, 1- to 3-foot, 3- to 5-foot, 5- to 7-foot, 7- to 9-foot, 9- to 11-foot, 11-to 13-foot, and 13- to 15-foot depth increments. Samples from the 0- to 1-foot through 7- to 9-foot depth increments will initially be analyzed for PCBs, and the remaining depth increments will be held for PCB analysis if PCBs are detected in the 7- to 9-foot depth increment. At the remaining four locations (I9-10-8-SB-12 through I9-10-8-SB-15), as shown on Figure 2-4, since PCBs above 2 ppm have been detected up to 2 feet bgs in nearby locations, GE proposes to collect soil samples from the 0 to 1-foot and 1- to 3-foot depth increments for PCB analysis in order to determine the horizontal extent of PCBs greater than 2 ppm. In the event that such sampling indicates PCBs above 2 ppm, GE will propose additional PCB sampling as necessary to define the extent of PCBs on that property.

3.3 Commercial/Industrial Properties

This section presents GE's assessment of the existing PCB soil data from commercial/industrial properties adjacent to Silver Lake that are part of the Silver Lake Area, and whether supplemental PCB sampling is warranted to determine if the presence of PCBs above 2 ppm extends beyond the bank soils and onto other portions of these properties.

For bank soils at the commercial/industrial properties within the Silver Lake Area, pre-design investigations were performed to a depth of 3 feet bgs. This depth corresponds to the applicable Performance Standards established in the CD and SOW. Since Performance Standards do not exist for bank soils deeper than 3 feet, no

further pre-design investigations are needed for the bank portions of these properties. Therefore, this section focuses on the potential for PCBs to be present in the non-bank portions of these properties.

Parcel I9-9-11

Pre-design investigation activities at Parcel I9-9-11 included GE's collection and PCB analysis of 12 soil samples from 6 locations (as well as one split sample analyzed by EPA). The sampling locations are shown on Figure 2-3, and the recent pre-design analytical results for PCBs are included in Tables 2-1 and 2-5. In addition, the non-PCB Appendix IX+3 data for this property (4 samples) are included in Table 2-2.

Review of the available PCB data for Parcel I9-9-11 indicates that PCBs greater than 2 ppm appear to be confined to the lower portion of the bank immediately adjacent to Silver Lake (one sample location: I9-9-11-SB-6; 4.4 ppm in the 1- to 3-foot depth increment, with EPA split sample result of 9.4 ppm), with upper bank sample results all less than 2 ppm. However, based on the presence of PCBs above 2 ppm on adjacent Parcel I9-9-9 (sample location I9-9-9-SB-1 located at the top of bank on that parcel, as shown on Figure 2-4), supplemental soil sampling is proposed for the non-bank portion of Parcel I9-9-11. Specifically, GE proposes to advance two soil borings on the non-bank portion of Parcel I9-9-11 at the locations shown on Figure 2-3. These borings will be advanced to a depth of 15 feet (or refusal), and samples will be collected from the 0- to 1-foot, 1- to 3-foot, 3- to 6-foot, 6- to 10-foot, and 10- to 15-foot depth increments. Samples from the 0- to 1-foot through 3- to 6-foot depth increments will initially be analyzed for PCBs, and the remaining depth increments will be held for PCB analysis if PCBs are detected in the 3- to 6-foot depth increment.

Parcel I9-9-101

During pre-design investigation activities at Parcel I9-9-101, 12 soil samples were collected from 6 locations and analyzed for PCBs. The sampling locations are shown on Figure 2-3, and the recent pre-design analytical results for PCBs are included in Table 2-1. In addition, the non-PCB Appendix IX+3 data for this property (4 samples) are included in Table 2-2.

Review of the available PCB data for Parcel I9-9-101 indicates that all bank samples results are less than 2 ppm. Based on these results, the available PCB data set for Parcel I9-9-101 appears sufficient to support future evaluations for the bank portion of this property and does not indicate the need for sampling at the non-bank

portion of the property. Accordingly, GE is not at this time proposing any additional pre-design soil sampling at Parcel I9-9-101, either for the bank portion or for the non-bank portion of the property.

Parcel I9-9-21

As part of previous investigation activities conducted in May 1994 and October 1995, GE collected and analyzed 5 soil samples for PCBs from 3 locations along the bank portions of Parcel I9-9-21. Recent pre-design investigation activities performed by GE at Parcel I9-9-21 resulted in the collection and analysis of 10 soil samples for PCBs from 5 locations. The sampling locations are shown on Figure 2-2, and the PCB analytical results are included in Tables 2-1 and 2-3. In addition, the non-PCB Appendix IX+3 data for this property (4 samples) are included in Table 2-2.

Review of the available PCB analytical data for Parcel I9-9-21 indicates that the bank soils contain PCBs above 2 ppm and that, based on the specific pre-design sampling locations and depths, PCBs above 2 ppm may be present in the non-bank portion of Parcel I9-9-21, at least in the area near the top of the bank. To further assess the presence of PCBs on the non-bank portion of this property, supplemental sampling is proposed. Specifically, GE proposes to advance four soil borings on the non-bank portion of Parcel I9-9-21 at the locations shown on Figure 2-2. These borings will be advanced to a depth of 15 feet (or refusal), and samples will be collected from the 0 to 1-foot, 1 to 3-foot, 3 to 6-foot, 6 to 10-foot, and 10- to 15-foot depth increments. Initially, the uppermost three depth increments will be analyzed for PCBs and the lower depth increments will be held for PCB analysis if PCBs are detected in the 3- to 6-foot depth increment.

Parcel I9-9-22

During pre-design investigation activities at Parcel I9-9-22, 6 soil samples were collected from 3 locations and analyzed for PCBs. The sampling locations are shown on Figure 2-2, and the recent pre-design analytical results for PCBs are included in Table 2-1. In addition, the non-PCB Appendix IX+3 data for this property (2 samples) are included in Table 2-2.

Review of the available PCB data for Parcel I9-9-22 indicates that all bank samples results are less than 2 ppm. Based on these results, the available PCB data set for Parcel I9-9-22 appears sufficient to support future evaluations for the bank portion of this property and does not indicate the need for sampling at the non-bank

portion of the property. Accordingly, GE is not at this time proposing any additional pre-design soil sampling at Parcel I9-9-22, either for the bank portion or for the non-bank portion of the property.

Parcel I9-9-23

As part of previous investigation activities conducted in May 1994, GE collected and analyzed 6 soil samples for PCBs from 3 locations along the bank portions of Parcel I9-9-23. Recent pre-design sampling performed by GE resulted in the collection and analysis of 5 soil samples for PCBs from 3 locations. The sampling locations are shown on Figure 2-2, and the PCB analytical results are included in Tables 2-1 and 2-3. In addition, the available non-PCB Appendix IX+3 data for this property (5 total samples analyzed for some or all of these constituents) are included in Tables 2-2 and 2-4.

Review of the available PCB data for Parcel I9-9-23 indicates that all bank samples results are less than 2 ppm. Based on these results, the available PCB data set for Parcel I9-9-23 appears sufficient to support future evaluations for the bank portion of this property and does not indicate the need for sampling at the non-bank portion of the property. Accordingly, GE is not at this time proposing any additional pre-design soil sampling at Parcel I9-9-23, either for the bank portion or for the non-bank portion of the property.

Parcel I9-9-25

As part of previous investigation activities conducted in November 2000, GE collected and analyzed 20 soil samples for PCBs from 3 locations. Recent pre-design sampling performed by GE resulted in the collection and analysis of 8 soil samples for PCBs from 4 locations. The sampling locations are shown on Figure 2-2, and the PCB analytical results are included in Tables 2-1 and 2-3. In addition, the non-PCB Appendix IX+3 data for this property (4 samples) are included in Table 2-2.

Review of the available PCB data from Parcel I9-9-25 indicates that PCB data to a depth of 3 feet bgs on the bank portion of Parcel I9-9-25 are all less than 2 ppm. However, the results from existing sample location I9-9-25-SB-1 (4.6 ppm, 6 to 8 feet) indicate that the bank soils contain PCBs above 2 ppm at depths below 3 feet and that, based on the specific location and depth of that sample, PCBs may be present in the non-bank portion of this property. To further assess the presence of PCBs on the non-bank portion of this property, supplemental sampling is proposed. Specifically, GE proposes to advance two soil borings on the non-bank portion of Parcel I9-9-25 at the locations shown on Figure 2-2. These borings will be advanced to a depth of 15 feet (or refusal),

and samples will be collected from the 0- to 1-foot, 1- to 3-foot, 3- to 6-foot, 6- to 10-foot, and 10- to 15-foot depth increments. Samples from the 0 to 1-foot through 6- to 10-foot depth increments will initially be analyzed for PCBs, and the remaining depth increment will be held for PCB analysis if PCBs are detected in the 6- to 10-foot depth increment.

Parcel I9-9-30

As part of previous investigation activities conducted in December 2000, GE collected and analyzed 20 soil samples for PCBs from 4 locations. Recent pre-design sampling performed by GE resulted in the collection and analysis of 8 soil samples for PCBs from 4 locations. The sampling locations are shown on Figure 2-1, and the PCB analytical results are included in Tables 2-1 and 2-3. In addition, the non-PCB Appendix IX+3 data for this property (4 samples) are included in Table 2-2.

Review of the available PCB data from Parcel I9-9-30 indicates that PCB data on the bank portions of Parcel I9-9-30 are all less than 2 ppm. However, the results of certain non-bank samples collected by GE in December 2000 (I9-9-30-SB-1: 9.8 ppm, 4 to 6 feet; and I9-9-30-SB-2: 4.1 ppm, 2 to 4 feet) indicate that PCBs greater than 2 ppm are present on the non-bank portions of this property. To further assess the presence of PCBs on the non-bank portion of this property, supplemental sampling is proposed. Specifically, GE proposes to advance four soil borings on the non-bank portion of Parcel I9-9-30 at the locations shown on Figure 2-1. These borings will be advanced to a depth of 15 feet (or refusal), and samples will be collected from the 0- to 1-foot, 1- to 3-foot, 3- to 6-foot, 6- to 10-foot, and 10- to 15-foot depth increments. Samples from the 0- to 1-foot through 3- to 6-foot depth increments will initially be analyzed for PCBs, and the remaining depth increments will be held for PCB analysis if PCBs are detected in the 3- to 6-foot depth increment.

Parcel I9-9-31

During pre-design investigation activities at Parcel I9-9-31, 6 soil samples were collected from 3 locations and analyzed for PCBs. The sampling locations are shown on Figure 2-1, and the recent pre-design analytical results for PCBs are included in Table 2-1. In addition, the non-PCB Appendix IX+3 data for this property (4 samples) are included in Table 2-2.

Review of the available PCB data for Parcel I9-9-31 indicates that all bank samples results are less than 2 ppm. Based on these results, the available PCB data set for Parcel I9-9-31 appears sufficient to support future evaluations for the bank portion of this property and does not indicate the need for sampling at the non-bank

portion of the property. Accordingly, GE is not at this time proposing any additional pre-design soil sampling at Parcel I9-9-31, either for the bank portion or for the non-bank portion of the property.

Parcel I9-9-32

During pre-design investigation activities at Parcel I9-9-32, 6 soil samples were collected from 3 locations and analyzed for PCBs. The sampling locations are shown on Figure 2-1, and the recent pre-design analytical results for PCBs are included in Table 2-1. In addition, the non-PCB Appendix IX+3 data for this property (4 samples) are included in Table 2-2.

Review of the available PCB data for Parcel I9-9-32 indicates that PCBs greater than 2 ppm appear to be confined to the lower portion of the bank immediately adjacent to Silver Lake (one sample: I9-9-32-SB-2; 71 ppm in the 1- to 3-foot depth increment), with upper bank and adjacent lower bank sample results all less than 2 ppm. Based on these results, the available PCB data set for Parcel I9-9-32 appears sufficient to support future evaluations for the bank portion this property and does not indicate the need for sampling at the non-bank portion of the property to determine the extent of PCBs > 2 ppm. Accordingly, GE is not at this time proposing any additional pre-design soil sampling at Parcel I9-9-32, either for the bank portion or for the non-bank portion of the property.

Parcel I9-9-33

During pre-design investigation activities at Parcel I9-9-33, 14 soil samples were collected from 7 locations and analyzed for PCBs. The sampling locations are shown on Figure 2-1, and the recent pre-design analytical results for PCBs are included in Table 2-1. In addition, the non-PCB Appendix IX+3 data for this property (6 samples) are included in Table 2-2.

Review of the available PCB data for Parcel I9-9-33 indicates that PCBs greater than 2 ppm appear to be confined to the lower portion of the bank immediately adjacent to Silver Lake (one sample: I9-9-33-SB-3; 2.06 ppm in the 1- to 3-foot depth increment), with upper bank and adjacent lower bank sample results all less than 2 ppm. Based on these results, the available data set for Parcel I9-9-33 appears sufficient to support future evaluations for the bank portion this property and does not indicate the need for sampling at the non-bank portion of the property to determine the extent of PCBs > 2 ppm. Accordingly, GE is not at this time proposing

any additional pre-design soil sampling at Parcel I9-9-33, either for the bank portion or for the non-bank portion of the property.

Parcel I9-9-34

Access to Parcel I9-9-34 was obtained on August 26, 2003, with pre-design sampling activities performed on September 16, 2003. These pre-design investigation activities included GE's collection and PCB analysis of 18 soil samples from 9 locations (as well as one split sample analyzed by EPA). The sampling locations are shown on Figure 2-1, and the recent pre-design analytical results for PCBs are included in Tables 2-1 and 2-5. As noted above, the non-PCB analytical results from the samples collected by GE from this property have not yet been received and will be transmitted to EPA upon receipt.

Review of the available PCB data for Parcel I9-9-34 indicates that the majority of PCBs greater than 2 ppm appear to be confined to the lower portion of the bank immediately adjacent to Silver Lake. However, based on the presence of PCBs above 2 ppm located at the top of bank in the southeast portion of Parcel I9-9-34 (sample location I9-9-34-SB-1; 6.0 ppm in the 0 to 1-foot depth increment), supplemental sampling is proposed. Specifically, GE proposes to advance three soil borings on the non-bank portion of Parcel I9-9-34 at the locations shown on Figure 2-1. These borings will be advanced to a depth of 15 feet (or refusal), and samples will be collected from the 0 to 1-foot, 1 to 3-foot, 3 to 6-foot, 6 to 10-foot, and 10 to 15-foot depth increments. Initially, the uppermost three depth increments will be analyzed for PCBs and the lower depth increments will be held for PCB analysis if PCBs are detected in the 3- to 6-foot depth increment.

3.4 Recreational Areas

For bank soils associated with the recreational areas within the Silver Lake Area, pre-design investigations were performed to a depth of 3 feet bgs. This depth corresponds to the applicable Performance Standards established in the CD and SOW. Since Performance Standards do not exist for bank soils deeper than 3 feet, and since there are no non-bank portions at these recreational areas, no further pre-design investigations are needed. Therefore, this section presents a summary of the available data (i.e., for PCBs and non-PCB Appendix IX+3 constituents) from the recreational areas located along the northern and eastern shores of Silver Lake.

Recreational Area 1 (including Parcel I9-10-9)

During pre-design investigation activities at Recreational Area 1, 18 soil samples were collected from 9 locations and analyzed for PCBs. In addition, 6 soil samples from 3 locations were analyzed for other Appendix IX+3 constituents. The sampling locations are shown on Figure 2-5, and the recent pre-design analytical results for PCBs and other Appendix IX+3 constituents are included in Tables 2-1 and 2-2, respectively.

Recreational Area 2

As part of previous investigation activities conducted at Recreational Area 2 in May 1994, GE collected and analyzed 12 soil samples from 6 locations for PCBs and 2 soil samples for SVOCs, inorganics, and/or PCDDs/PCDFs. Recent pre-design sampling performed by GE resulted in the collection and analysis of 20 soil samples from 11 locations for PCBs and 8 soil samples from 4 locations for other Appendix IX+3 constituents. The sampling locations are shown on Figure 2-5, and the analytical data are included in Tables 2-1 through 2-4.

Recreational Area 3

As part of previous investigation activities conducted at Recreational Area 3 in May 1994 and October 1995, GE collected and analyzed 12 soil samples from 5 locations for PCBs and 2 soil samples for SVOCs, inorganics, and/or PCDDs/PCDFs. Recent pre-design sampling performed by GE resulted in the collection and analysis of 30 soil samples from 15 locations for PCBs and 12 soil samples from 6 locations for other Appendix IX+3 constituents. The sampling locations are shown on Figure 2-5, and the analytical results are included in Tables 2-1 through 2-4.

Recreational Area 4

As part of previous investigation activities conducted at Recreational Area 4 in May 1994 and October 1995, GE collected and analyzed 10 soil samples from 3 locations for PCBs and 1 soil sample for SVOCs, inorganics, and PCDDs/PCDFs. Recent pre-design sampling performed by GE resulted in the collection and analysis of 25 soil samples from 13 locations for PCBs and 8 soil samples from 4 locations for other Appendix IX+3 constituents. The sampling locations are shown on Figure 2-5, and the analytical results are included in Tables 2-1 through 2-4.

Recreational Area 5

During pre-design investigation activities at Recreational Area 5, 12 soil samples were collected from 6 locations and analyzed for PCBs. In addition, 4 soil samples from 2 locations were analyzed for other Appendix IX+3 constituents. The sampling locations are shown on Figure 2-5, and the recent pre-design analytical results for PCBs and other Appendix IX+3 constituents are included in Tables 2-1 and 2-2, respectively.

3.5 Summary and Proposed Approach for Future Activities

As described in the preceding sections, several properties adjacent to Silver Lake have been identified for additional soil sampling and analyses to further characterize the presence of PCBs in soils within the bank portion and/or adjacent non-bank portion of the property. In total, GE proposes to collect 177 additional soil samples for PCB analysis from 33 locations within nine properties. The proposed sampling locations and depths are summarized in Table 3-1.

Many of the proposed supplemental soil samples are intended to determine whether and to what extent PCBs may be present at concentrations greater than 2 ppm in the non-bank portions of particular residential and commercial/industrial properties adjacent to the lake. The EPA-approved PDI Work Plan noted that, although the initial sampling proposed therein was largely focused on the bank portions of these properties (which are the portions included within the original definition of the Silver Lake Area RAA as described in the SOW), the resulting PCB data (together with other available PCB data) may indicate that PCBs greater than 2 ppm may extend into the non-bank portion of a given property. For such properties, the PDI Work Plan stated that GE would propose additional investigations to address the non-bank portions of the properties and would propose the regulatory framework under which such additional investigations would be conducted – i.e., whether such activities would be performed under the CD or under the ACO with the MDEP.

For the residential and commercial/industrial properties identified above where the currently available data indicate that PCBs at concentrations greater than 2 ppm may extend into the non-bank portions of the properties and where supplemental PCB sampling of the non-bank portions is thus proposed herein, GE proposes to conduct the supplemental investigations and any future response actions at the non-bank portions, as well as the bank portions, as part of the Silver Lake Area Removal Action under the CD. The principal reasons for this proposed course of action are as follows:

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- First, the supplemental PCB soil sampling and analysis activities proposed herein are extensions of the pre-design investigations already performed at the banks of these properties. In other words, the previous sampling has led to the proposed investigations of the non-bank portions. By analogy, over the last several months, the initial pre-design sampling at certain other RAAs at the GE-Pittsfield/Housatonic River Site (e.g., East Street Area 2-South, Former Oxbow Areas A and C) has led to proposals for sampling of areas outside the original RAA boundaries so as to determine the extent of PCBs greater than 2 ppm found at the boundary of the RAA as defined in the SOW. Such additional sampling outside the original RAA could lead to expansions of the RAA boundary in these areas. Thus, extending the boundaries of the Silver Lake Area to encompass non-bank portions of properties where the available soil data indicate that PCBs > 2 ppm may be present would be consistent with the approach implemented at these other RAAs.
 - Second, addressing both the bank portions and non-bank portions together under a single regulatory program (rather than dividing the bank and non-bank portions between two separate regulatory programs) would facilitate the coordination and performance of future investigations and other response actions at these properties and would be more easily communicated to and understood by the affected property owners.

Under this proposed approach, GE has identified the following general sequence of activities to be performed at the properties where the data indicate that PCBs > 2 ppm may extend into the non-bank portions:

- Following EPA approval, GE will conduct the supplemental PCB soil investigations proposed in this PDI Work Plan Addendum so as to determine whether and the extent to which PCBs at concentrations greater than 2 ppm extend into the non-bank portions of these properties.
- Based on the information from that supplemental soil sampling, GE will identify those properties (or portions thereof) where PCBs at concentrations above 2 ppm in fact extend into the non-bank portions and which thus will be incorporated into the Silver Lake Area Removal Action.
- For such properties, GE will evaluate the need for additional sampling to further define the extent of PCBs > 2 ppm in the non-bank soils at these properties. In addition, GE will evaluate the appropriate scope of sampling for non-PCB Appendix IX+3 constituents in the non-bank portions of these properties. These evaluations and, as warranted, proposals for additional sampling for PCBs and/or other constituents at the

non-bank portions of the properties will be provided to EPA in an Interim Pre-Design Investigation Report, as further described in Section 4 below.

- In addition, for such properties where PCBs > 2 ppm extend into the non-bank portions, GE may propose to evaluate the entire property (or portion containing PCBs > 2 ppm) as a single averaging area, based on considerations relating to the likelihood of exposure in the bank and non-bank portions.

4. Proposed Schedule

GE proposes to complete the supplemental PCB soil investigation activities proposed in this PDI Work Plan Addendum within six months of EPA approval of this Addendum, subject to obtaining access agreements in a timely manner and potential seasonal constraints on performing the specific investigations. If delays in obtaining access permission or delays due to seasonal constraints or other factors will cause a delay in this schedule, GE will notify EPA and propose a revised schedule for completing the investigations.

Following completion of the supplemental PCB soil investigations described herein, GE will submit an Interim Pre-Design Investigation Report. That report will likewise be submitted within six months from EPA approval of this Addendum (subject to the same conditions noted above). That report will present the results of the supplemental soil investigations proposed herein and summarize the results of all soil investigations completed to date. In addition, it will include an identification of the specific properties for which GE proposes to include the non-bank portions (or parts thereof) in the Silver Lake Area Removal Action under the CD. It will also include an evaluation of the need for additional sampling of the bank and/or non-bank portions of all properties included or proposed for inclusion with the Silver Lake Area RAA for either PCBs or other Appendix IX+3 constituents and, as warranted, will provide a proposal for such additional sampling.

The Interim Pre-Design Investigation Report will also propose a schedule for completing any necessary additional investigations and for submitting a Conceptual RD/RA Work Plan for the soils at the properties within the Silver Lake Area RAA. GE anticipates that this proposed schedule will take into account the expected schedule for submitting a Conceptual RD/RA Work Plan for remediation activities to address the sediments in Silver Lake. The Conceptual RD/RA Work Plan for soils at the properties within the Silver Lake Area RAA will include the elements required of such work plans under Section 3.3 of the SOW and will also include plans for installing the natural resource restoration and enhancement measures required on the banks of the Silver Lake Area under the CD and Attachment I to the SOW.

Tables

**TABLE 2-1
SUMMARY OF PRE-DESIGN PCB SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(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
Parcel I9-9-1						
I9-9-1-SB-1	0-1	6/18/2003	ND(0.036)	0.022 J	ND(0.036)	0.022 J
	1-3	6/18/2003	ND(0.035) [ND(0.035)]	ND(0.035) [ND(0.035)]	ND(0.035) [ND(0.035)]	ND(0.035) [ND(0.035)]
	3-5	6/18/2003	ND(0.040)	0.40	0.13	0.53
	5-7	6/18/2003	ND(0.045)	0.17	0.050	0.22
	7-9	8/7/2003	ND(0.063)	ND(0.063)	ND(0.063)	ND(0.063)
I9-9-1-SB-2	7-9	6/17/2003	ND(0.046)	0.027 J	0.016 J	0.043 J
I9-9-1-SB-3	0-1	6/17/2003	ND(0.036)	0.020 J	0.018 J	0.038 J
	1-3	6/17/2003	ND(0.038)	0.21	0.10	0.31
	3-5	6/17/2003	ND(0.043)	0.33	0.17	0.50
	5-7	6/17/2003	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
I9-9-1-SB-4	1-3	6/17/2003	ND(28)	65	ND(28)	65
	3-5	6/17/2003	ND(0.076)	0.64	0.27	0.91
	5-7	6/17/2003	ND(0.081)	0.058 J	ND(0.081)	0.058 J
I9-9-1-SB-5	0-1	6/17/2003	ND(3.1)	5.9	3.3	9.2
	1-3	6/17/2003	ND(1.1)	4.3	2.5	6.8
	3-5	6/17/2003	ND(0.086)	0.44	0.13	0.57
	5-7	6/17/2003	ND(0.074)	ND(0.074)	ND(0.074)	ND(0.074)
I9-9-1-SS-1	0-1	6/17/2003	ND(30)	43	46	89
Parcel I9-9-9						
I9-9-9-SB-1	0-1	6/23/2003	ND(0.47)	9.2	7.5	16.7
	1-3	6/23/2003	ND(3.2)	38	22	60
	3-5	6/23/2003	ND(0.051)	1.4	0.63	2.03
	5-7	6/23/2003	ND(0.22)	2.2	1.6	3.8
	7-9	6/23/2003	ND(3.5) J	9.7 J	ND(3.5) J	9.7 J
	9-11	6/23/2003	ND(0.045) J	1.0 J	0.23 J	1.23 J
I9-9-9-SB-2	0-1	6/23/2003	ND(0.40)	12	ND(0.40)	12
	1-3	6/23/2003	ND(0.18)	1.8	ND(0.18)	1.8
	3-5	6/23/2003	ND(0.24)	5.9	ND(0.24)	5.9
	5-7	6/23/2003	ND(2.3)	25	6.4	31.4
	7-9	6/23/2003	ND(3.2) J	29 J	16 J	45 J
	9-11	6/23/2003	ND(0.061) J	0.042 J	0.031 J	0.073 J
I9-9-9-SB-3	0-1	6/20/2003	ND(5.3)	47	10	57
	1-3	6/20/2003	ND(5.0)	36	ND(5.0)	36
	3-5	6/20/2003	ND(2.8)	6.5	ND(2.8)	6.5
	5-7	6/20/2003	ND(0.044)	0.049	0.050	0.099
	7-9	6/20/2003	ND(0.044) J [ND(0.045)]	0.24 J [0.52 J]	0.13 J [0.24 J]	0.37 J [0.76 J]
	9-11	6/20/2003	ND(0.044) J	0.073 J	ND(0.044) J	0.073 J
I9-9-9-SS-1	0-1	6/24/2003	ND(0.041)	0.25	0.14	0.39
I9-9-9-SS-2	0-1	6/24/2003	ND(0.046)	0.25	0.22	0.47
I9-9-9-SS-3	0-1	6/24/2003	ND(26)	85	32	117
Parcel I9-9-11						
I9-9-11-SB-1	0-1	6/24/2003	ND(0.037)	ND(0.037)	0.050	0.050
	1-3	6/24/2003	ND(0.036)	ND(0.036)	0.062	0.062
I9-9-11-SB-2	0-1	6/24/2003	ND(0.040)	0.12	0.13	0.25
	1-3	6/24/2003	ND(0.037)	ND(0.037)	0.39	0.39
I9-9-11-SB-3	0-1	6/24/2003	ND(0.043)	ND(0.043)	0.56	0.56
	1-3	6/24/2003	ND(0.038)	ND(0.038)	0.047	0.047
I9-9-11-SB-4	0-1	6/24/2003	ND(0.037)	0.11	0.099	0.209
	1-3	6/24/2003	ND(0.037)	0.22	0.12	0.34
I9-9-11-SB-5	0-1	6/24/2003	ND(0.038)	0.069	0.058	0.127
	1-3	6/24/2003	ND(0.038) [ND(0.037)]	0.064 [0.028 J]	0.064 [0.032 J]	0.128 [0.060 J]
I9-9-11-SB-6	0-1	6/24/2003	ND(0.049)	0.66	0.58	1.24
	1-3	6/24/2003	ND(0.28)	2.5	1.9	4.4 J
Parcel I9-9-17						
I9-9-17-SB-1	0-1	6/25/2003	ND(0.042)	0.25	0.11	0.36
	1-3	6/25/2003	ND(0.55)	4.9	3.4	8.3
	3-5	6/25/2003	ND(0.047)	0.69	0.18	0.87
	5-7	6/25/2003	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)

**TABLE 2-1
SUMMARY OF PRE-DESIGN PCB SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(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
Parcel I9-9-17 (continued)						
I9-9-17-SB-2	0-1	6/25/2003	ND(0.040)	0.19	0.22	0.41
	1-3	6/25/2003	ND(0.046)	0.78	0.76	1.54
	3-5	6/25/2003	ND(0.042)	0.24	0.069	0.309
	5-7	6/25/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
I9-9-17-SB-3	0-1	6/25/2003	ND(0.036)	ND(0.036)	0.029 J	0.029 J
	1-3	6/25/2003	ND(0.037) [ND(0.038)]	0.072 [0.071]	0.051 [0.054]	0.123 [0.125]
	3-5	6/25/2003	ND(0.042)	0.045	0.034 J	0.079
I9-9-17-SS-1	0-1	6/25/2003	ND(0.038)	0.13	0.11	0.24
I9-9-17-SS-2	0-1	6/25/2003	ND(0.038) [ND(0.039)]	0.60 [0.43]	0.31 [0.22]	0.91 [0.65]
I9-9-17-SS-3	0-1	6/25/2003	ND(0.043)	ND(0.043)	0.24	0.24
Parcel I9-9-18						
I9-9-18-SB-1	0-1	6/25/2003	ND(3.0)	12	7.1	19.1
	1-3	6/25/2003	ND(2.7)	ND(2.7)	33	33
	3-5	6/25/2003	ND(0.043)	0.046	ND(0.043)	0.046
I9-9-18-SB-2	0-1	6/25/2003	ND(0.044)	0.94	0.87	1.81
	1-3	6/25/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	3-5	6/25/2003	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
I9-9-18-SS-1	0-1	6/25/2003	ND(0.049)	1.0	0.68	1.68
I9-9-18-SS-2	0-1	6/25/2003	ND(0.058)	2.5	2.6	5.1
Parcel I9-9-21						
I9-9-21-SB-1	0-1	6/26/2003	ND(4.2)	ND(4.2)	22	22
	1-3	6/26/2003	ND(4.2)	ND(4.2)	12	12
I9-9-21-SB-2	0-1	6/26/2003	ND(1.8)	ND(1.8)	33	33
	1-3	6/26/2003	ND(0.037)	1.5	1.6	3.1
I9-9-21-SB-3	0-1	6/26/2003	ND(0.38)	2.4	1.9	4.3
	1-3	6/26/2003	ND(4.0)	ND(4.0)	19	19
I9-9-21-SB-4	0-1	6/26/2003	ND(0.22)	ND(0.22)	1.9	1.9
	1-3	6/26/2003	ND(0.22)	ND(0.22)	2.2	2.2
I9-9-21-SB-5	0-1	6/26/2003	ND(0.036)	0.13	0.17	0.30
	1-3	6/26/2003	ND(0.038) [ND(0.037)]	0.34 [0.54]	0.19 J [0.32 J]	0.53 [0.86]
Parcel I9-9-22						
I9-9-22-SB-1	0-1	6/26/2003	ND(0.038)	0.15	0.24	0.39
	1-3	6/26/2003	ND(0.041)	0.22	0.30	0.52
I9-9-22-SB-2	0-1	6/26/2003	ND(0.044)	1.0	0.74	1.74
	1-3	6/26/2003	ND(0.046) [ND(0.046)]	0.37 [ND(0.046)]	0.20 J [0.35 J]	0.57 [0.35]
I9-9-22-SB-3	0-1	6/27/2003	ND(0.036)	0.84	0.50	1.34
	1-3	6/27/2003	ND(0.046)	ND(0.046)	0.29	0.29
Parcel I9-9-23						
I9-9-23-SB-1	1-3	6/27/2003	ND(0.038)	0.14	0.12	0.26
I9-9-23-SB-2	0-1	6/27/2003	ND(0.040)	0.10	0.12	0.22
	1-3	6/27/2003	ND(0.038)	0.14	0.11	0.25
I9-9-23-SB-3	0-1	6/27/2003	ND(0.035)	0.050	0.038	0.088
	1-3	6/27/2003	ND(0.037)	0.17	0.18	0.35
Parcel I9-9-24						
I9-9-24-SB-1	0-1	7/1/2003	ND(0.24)	2.9	3.4	6.3
	1-3	7/1/2003	ND(0.044)	0.47	0.40	0.87
	3-5	7/1/2003	ND(0.043)	0.54	0.34	0.88
	5-7	7/1/2003	ND(0.048)	0.28	0.21	0.49
	7-9	7/1/2003	ND(0.043)	0.95	0.19	1.14
	9-11	7/1/2003	ND(0.60)	6.4	0.99	7.39
I9-9-24-SB-2	0-1	7/1/2003	ND(0.041)	0.15	0.12	0.27
	1-3	7/1/2003	ND(4.1)	21	6.2	27.2
	3-5	7/1/2003	ND(0.042)	0.17	0.19	0.36
	5-7	7/1/2003	ND(0.042)	0.30	0.15	0.45
	7-9	7/1/2003	ND(0.044)	0.44	0.19	0.63
	9-11	7/1/2003	ND(0.042)	0.22	0.12	0.34
I9-9-24-SS-2	1-3	7/8/2003	ND(0.040) [ND(0.041)]	0.052 [ND(0.041)]	ND(0.040) [ND(0.041)]	0.052 [ND(0.041)]
I9-9-24-SS-3	1-3	7/8/2003	ND(0.037)	0.038	0.029 J	0.067
I9-9-24-SS-4	0-1	6/27/2003	ND(0.039)	0.26	0.29	0.55
I9-9-24-SS-5	0-1	6/27/2003	ND(0.044)	0.50	0.52	1.02

**TABLE 2-1
SUMMARY OF PRE-DESIGN PCB SOIL DATA**

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

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
Parcel I9-9-25						
I9-9-25-SB-4	0-1	7/3/2003	ND(0.035)	0.38	0.25	0.63
	1-3	7/3/2003	ND(0.037)	0.72	0.51	1.23
I9-9-25-SB-5	0-1	7/3/2003	ND(0.042)	0.31	0.17	0.48
	1-3	7/3/2003	ND(0.041) J	0.033 J	0.047 J	0.080 J
I9-9-25-SB-6	0-1	7/3/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	1-3	7/3/2003	ND(0.035) [ND(0.035)]	0.18 J [0.32 J]	0.079 [0.13]	0.259 J [0.45]
I9-9-25-SB-7	0-1	6/27/2003	ND(0.041)	0.087	0.069	0.156
	1-3	6/27/2003	ND(0.043)	0.052	0.050	0.102
Parcel I9-9-30						
I9-9-30-SB-4	0-1	7/7/2003	ND(0.038)	0.31	0.23	0.54
	1-3	7/7/2003	ND(0.039)	0.70	0.58	1.28
I9-9-30-SB-5	0-1	7/7/2003	ND(0.035)	0.016 J	0.020 J	0.036 J
	1-3	7/7/2003	ND(0.038)	0.34	0.27	0.61
I9-9-30-SB-6	0-1	7/7/2003	ND(0.040)	0.32	0.28	0.60
	1-3	7/7/2003	ND(0.039)	0.79	0.43	1.22
I9-9-30-SB-7	0-1	7/7/2003	ND(0.035)	0.081	0.090	0.171
	1-3	7/7/2003	ND(0.036)	0.42	0.34	0.76
Parcel I9-9-31						
I9-9-31-SB-1	0-1	7/7/2003	ND(0.035)	0.30	0.25	0.55
	1-3	7/7/2003	ND(0.038)	0.11	0.056	0.166
I9-9-31-SB-2	0-1	7/7/2003	ND(0.036)	0.17	0.081	0.251
	1-3	7/7/2003	ND(0.036)	0.23	0.12	0.35
I9-9-31-SB-3	0-1	7/7/2003	ND(0.036)	0.32	0.16	0.48
	1-3	7/7/2003	ND(0.036)	0.32	0.14	0.46
Parcel I9-9-32						
I9-9-32-SB-1	0-1	7/7/2003	R	0.14 J	0.080 J	0.22 J
	1-3	7/7/2003	ND(0.037) [ND(0.036)]	ND(0.037) [ND(0.036)]	0.18 [0.22]	0.18 [0.22]
I9-9-32-SB-2	0-1	7/7/2003	ND(0.045)	0.20	ND(0.045)	0.20
	1-3	7/7/2003	ND(2.7)	42	29	71
I9-9-32-SB-3	0-1	7/7/2003	ND(0.034)	0.098	0.037	0.135
	1-3	7/7/2003	ND(0.035)	0.66	0.30	0.96
Parcel I9-9-33						
I9-9-33-SB-1	0-1	7/8/2003	ND(0.035)	0.032 J	0.035	0.067
	1-3	7/8/2003	ND(0.036)	ND(0.036)	0.076	0.076
I9-9-33-SB-2	0-1	7/8/2003	ND(0.035)	0.046	0.046	0.092
	1-3	7/8/2003	ND(0.036)	1.6	ND(0.036)	1.6
I9-9-33-SB-3	0-1	7/8/2003	ND(0.036)	0.45	0.18	0.63
	1-3	7/8/2003	ND(0.037)	1.2	0.86	2.06
I9-9-33-SB-4	0-1	7/7/2003	ND(0.036)	0.46	0.36	0.82
	1-3	7/7/2003	ND(0.038)	0.69	0.30	0.99
I9-9-33-SB-5	0-1	7/8/2003	ND(0.036)	0.94	0.85	1.79
	1-3	7/8/2003	ND(0.036)	0.66	0.64	1.3
I9-9-33-SB-6	0-1	7/8/2003	ND(0.035)	0.32	0.26	0.58
	1-3	7/8/2003	ND(0.035)	0.39	0.34	0.73
I9-9-33-SB-7	0-1	7/7/2003	ND(0.034)	0.61	0.52	1.13
	1-3	7/7/2003	ND(0.035)	0.84	0.42	1.26
Parcel I9-9-34						
I9-9-34-SB-1	0-1	9/16/2003	ND(0.21)	4.2	1.8	6.0
	1-3	9/16/2003	ND(0.035)	0.29	ND(0.035)	0.29
I9-9-34-SB-2	0-1	9/16/2003	ND(7.0)	27	27	54
	1-3	9/16/2003	ND(31)	250	120	370
I9-9-34-SB-3	0-1	9/16/2003	ND(0.042)	0.42	0.30	0.72
	1-3	9/16/2003	ND(0.037)	0.35	ND(0.037)	0.35
I9-9-34-SB-4	0-1	9/16/2003	ND(2.4)	34	12	46
	1-3	9/16/2003	ND(0.039)	0.13	0.069	0.199
I9-9-34-SB-5	0-1	9/16/2003	ND(0.036)	0.20	0.26	0.46
	1-3	9/16/2003	ND(0.036)	0.13	0.18	0.31
I9-9-34-SB-6	0-1	9/16/2003	ND(0.054)	0.48	0.35	0.83
	1-3	9/16/2003	ND(0.042)	0.10	0.091	0.191
I9-9-34-SB-7	0-1	9/16/2003	ND(0.039)	0.59	0.15	0.74

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

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
	1-3	9/16/2003	ND(0.038)	0.14	0.087	0.227
Parcel I9-9-34 (continued)						
I9-9-34-SB-8	0-1	9/16/2003	ND(0.042)	0.83	0.42	1.25
	1-3	9/16/2003	ND(0.22)	3.4	1.8	5.2
I9-9-34-SB-9	0-1	9/16/2003	ND(0.039)	ND(0.039)	0.090	0.090
	1-3	9/16/2003	ND(0.040) [ND(0.040)]	0.37 [0.50]	0.22 [0.28]	0.59 [0.78]
Parcel I9-9-101						
I9-9-101-SB-1	0-1	6/24/2003	ND(0.042)	0.050	0.12	0.17
	1-3	6/24/2003	ND(0.042)	0.095	0.075	0.17
I9-9-101-SB-2	0-1	6/24/2003	ND(0.037)	0.032 J	0.036 J	0.068 J
	1-3	6/24/2003	ND(0.036)	ND(0.036)	0.030 J	0.030 J
I9-9-101-SB-3	0-1	6/24/2003	ND(0.039)	ND(0.039)	0.065	0.065
	1-3	6/24/2003	ND(0.037)	0.085	0.18	0.265
I9-9-101-SB-4	0-1	6/24/2003	ND(0.042)	0.53	0.092	0.622
	1-3	6/24/2003	ND(0.039)	0.38	0.15	0.53
I9-9-101-SB-5	0-1	6/24/2003	ND(0.041)	0.061	0.10	0.161
	1-3	6/24/2003	ND(0.038)	0.028 J	0.044	0.072
I9-9-101-SB-6	0-1	6/24/2003	ND(0.040)	0.16	0.14	0.30
	1-3	6/24/2003	ND(0.039)	0.54	0.14	0.68
Parcel I9-10-8						
I9-10-8-SB-1	1-3	6/13/2003	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	3-5	6/13/2003	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
I9-10-8-SB-2	1-3	6/17/2003	ND(0.93) [ND(2.5)]	4.3 J [8.7 J]	1.4 J [2.9 J]	5.7 J [11.6 J]
	3-5	6/17/2003	ND(0.044)	0.60	0.33	0.93
	5-7	6/17/2003	ND(2.3)	7.3	3.6	10.9
	7-9	8/7/2003	ND(0.098) J [ND(0.16)]	ND(0.098) J [ND(0.16)]	ND(0.098) J [ND(0.16)]	ND(0.098) J [ND(0.16)]
I9-10-8-SB-3	1-3	6/13/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	3-5	6/13/2003	ND(0.043)	0.055	ND(0.043)	0.055
I9-10-8-SB-4	1-3	6/13/2003	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
	3-5	6/13/2003	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
I9-10-8-SB-5	1-3	6/13/2003	ND(0.043)	0.089	ND(0.043)	0.089
	3-5	6/13/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
I9-10-8-SB-6	0-1	6/16/2003	ND(4.9)	44	23	67
	1-3	6/16/2003	ND(1.0)	4.1	2.3	6.4
	3-5	6/16/2003	ND(0.048)	0.16	0.078	0.238
	5-7	6/16/2003	ND(0.072)	0.83	0.22	1.05
	7-9	8/7/2003	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)
I9-10-8-SB-7	0-1	6/16/2003	ND(0.049)	1.3	0.69	1.99
	1-3	6/16/2003	ND(5.0)	120	45	165
	3-5	6/16/2003	ND(0.042)	0.66	0.27	0.93
	5-7	6/16/2003	ND(0.048)	ND(0.048)	0.077	0.077
I9-10-8-SB-8	7-9	6/16/2003	ND(0.039)	0.10	0.054	0.154
	9-11	6/16/2003	ND(0.091)	ND(0.091)	0.060 J	0.060 J
I9-10-8-SB-9	0-1	6/16/2003	ND(8.0) [ND(4.2)]	29 J [7.0 J]	25 J [5.8 J]	54 J [12.8 J]
	1-3	6/16/2003	ND(0.047)	0.088 J	0.039 J	0.127 J
	3-5	6/16/2003	ND(0.040)	0.042	0.038 J	0.080
Recreational Area 1						
I9-10-9-SB-1	0-1	6/9/2003	ND(0.040) J [ND(0.041)]	0.21 J [0.12 J]	0.15 J [0.15]	0.36 J [0.27]
	1-3	6/9/2003	ND(0.038)	ND(0.038)	0.089	0.089
I9-10-9-SB-2	0-1	6/9/2003	ND(0.041)	0.16	0.066	0.226
	1-3	6/9/2003	ND(0.042)	0.61	0.18	0.79
RA-1-SB-1	0-1	6/9/2003	ND(0.041)	0.047 J	ND(0.041)	0.047
	1-3	6/9/2003	ND(0.044)	1.0	ND(0.044)	1.0
RA-1-SB-2	0-1	6/9/2003	ND(0.046)	0.14	0.10	0.24
	1-3	6/9/2003	ND(0.039)	0.10	0.065	0.165
RA-1-SB-3	0-1	6/9/2003	ND(0.038)	0.035 J	ND(0.038)	0.035 J
	1-3	6/9/2003	ND(0.037)	0.25	0.077	0.327
RA-1-SB-4	0-1	6/9/2003	ND(0.037)	0.69	0.37	1.06
	1-3	6/9/2003	ND(0.040)	1.2	0.57	1.77
RA-1-SB-5	0-1	6/9/2003	ND(0.62)	ND(0.62)	6.5	6.5
	1-3	6/9/2003	ND(31)	300	66	366

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

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RA-1-SB-6	0-1	6/10/2003	ND(0.039)	0.97	0.39	1.36
	1-3	6/10/2003	ND(0.036)	0.060 J	0.038	0.098 J
Recreational Area 1 (continued)						
RA-1-SB-7	0-1	6/10/2003	ND(0.052)	ND(0.052)	0.35	0.35
	1-3	6/10/2003	ND(2.5) [ND(5.6)]	26 [22]	4.1 [4.6 J]	30.1 [26.6]
Recreational Area 2						
RA-2-SB-1	0-1	6/10/2003	ND(0.038)	0.31	0.34	0.65
	1-3	6/10/2003	ND(0.037)	0.11	0.082	0.192
RA-2-SB-2	1-3	6/10/2003	ND(0.036)	ND(0.036)	1.7	1.7
RA-2-SB-3	0-1	6/10/2003	ND(0.036)	ND(0.036)	0.060	0.060
	1-3	6/10/2003	ND(0.036)	ND(0.036)	0.054	0.054
RA-2-SB-4	0-1	6/10/2003	ND(0.036)	ND(0.036)	0.31	0.31
	1-3	6/10/2003	ND(0.036)	ND(0.036)	0.36	0.36
RA-2-SB-5	0-1	6/10/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	1-3	6/10/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RA-2-SB-6	0-1	6/10/2003	ND(0.036)	ND(0.036)	0.095	0.095
	1-3	6/10/2003	ND(0.036)	ND(0.036)	0.39	0.39
RA-2-SB-7	0-1	6/10/2003	ND(0.036)	ND(0.036)	0.058	0.058
	1-3	6/10/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RA-2-SB-8	1-3	6/10/2003	ND(3.7)	ND(3.7)	31	31
RA-2-SB-9	0-1	6/10/2003	ND(0.035)	ND(0.035)	0.091	0.091
	1-3	6/10/2003	ND(0.037)	ND(0.037)	0.043	0.043
RA-2-SB-10	0-1	6/10/2003	ND(0.038)	ND(0.038)	1.3	1.3
	1-3	6/10/2003	ND(0.38)	3.4	1.5	4.9
RA-2-SB-11	0-1	6/10/2003	ND(0.036)	ND(0.036)	0.36	0.36
	1-3	6/10/2003	ND(0.036)	ND(0.036)	0.027 J	0.027 J
Recreational Area 3						
RA-3-SB-1	0-1	6/10/2003	ND(0.24)	ND(0.24)	2.6	2.6
	1-3	6/10/2003	ND(52)	620	73	693
RA-3-SB-2	0-1	6/10/2003	ND(0.038)	0.14 J	0.13 J	0.27 J
	1-3	6/10/2003	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]
RA-3-SB-3	0-1	6/10/2003	ND(4.6)	42	42	84
	1-3	6/10/2003	ND(4.3)	32	13	45
RA-3-SB-4	0-1	6/10/2003	ND(0.038)	ND(0.038)	0.075	0.075
	1-3	6/10/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RA-3-SB-5	0-1	6/10/2003	ND(27)	84	17 J	101
	1-3	6/10/2003	ND(59)	290	71	361
RA-3-SB-6	0-1	6/10/2003	ND(0.038)	0.29	0.23	0.52
	1-3	6/10/2003	ND(0.037)	ND(0.037)	0.029 J	0.029 J
RA-3-SB-7	0-1	6/11/2003	ND(0.21)	1.4	0.90	2.3
	1-3	6/11/2003	ND(25)	760	ND(25)	760
RA-3-SB-8	0-1	6/11/2003	ND(0.039)	0.45	0.23	0.68
	1-3	6/11/2003	ND(0.039)	0.028 J	ND(0.039)	0.028 J
RA-3-SB-9	0-1	6/11/2003	ND(6.8)	22	14	36
	1-3	6/11/2003	ND(230)	2600	250	2850
RA-3-SB-10	0-1	6/11/2003	ND(0.038)	0.21	0.20	0.41
	1-3	6/11/2003	ND(0.039)	0.080	ND(0.039)	0.080
RA-3-SB-11	0-1	6/11/2003	ND(0.040)	0.74	0.91	1.65
	1-3	6/11/2003	ND(0.037) [ND(0.037)]	0.14 J [0.38 J]	0.12 [ND(0.037)]	0.26 [0.38]
RA-3-SB-12	0-1	6/11/2003	ND(0.23)	1.8	1.9	3.7
	1-3	6/11/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RA-3-SB-13	0-1	6/11/2003	ND(0.041)	ND(0.041)	0.063	0.063
	1-3	6/11/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RA-3-SB-14	0-1	6/11/2003	ND(0.21)	2.4	1.7	4.1
	1-3	6/11/2003	ND(0.40)	6.4	1.6	8.0
RA-3-SB-15	0-1	6/11/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-3	6/11/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
Recreational Area 4						
RA-4-SB-1	0-1	6/11/2003	ND(0.039)	0.41	0.31	0.72
	1-3	6/11/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RA-4-SB-2	0-1	6/11/2003	ND(0.91)	24	26	50

**TABLE 2-1
SUMMARY OF PRE-DESIGN PCB SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(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
RA-4-SB-3	1-3	6/11/2003	ND(0.94)	6.0	4.6	10.6
	0-1	6/11/2003	ND(0.18)	3.1	1.6	4.7
	1-3	6/11/2003	ND(0.19)	1.7	0.74	2.44
Recreational Area 4 (continued)						
RA-4-SB-4	0-1	6/11/2003	ND(0.19)	2.2	0.89	3.09
	1-3	6/11/2003	ND(0.036)	1.2	0.51	1.71
RA-4-SB-5	0-1	6/11/2003	ND(4.3)	12	ND(4.3)	12
	1-3	6/11/2003	ND(3.9) [ND(3.8)]	17 [13]	ND(3.9) [ND(3.8)]	17 [13]
RA-4-SB-6	0-1	6/11/2003	ND(0.19)	0.73	ND(0.19)	0.73
	1-3	6/11/2003	ND(0.036)	0.62	0.85	1.47
RA-4-SB-7	0-1	6/11/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	1-3	6/11/2003	ND(0.036)	0.20	0.16	0.36
RA-4-SB-8	0-1	6/11/2003	ND(130)	2200	ND(130)	2200
	1-3	6/11/2003	ND(27)	170	ND(27)	170
RA-4-SB-9	0-1	6/11/2003	ND(0.041)	0.021 J	ND(0.041)	0.021 J
	1-3	6/11/2003	ND(0.039)	0.39	0.42	0.81
RA-4-SB-10	0-1	6/11/2003	ND(4.2)	12	ND(4.2)	12
	1-3	6/11/2003	ND(0.19)	1.1	0.60	1.7
RA-4-SB-11	1-3	6/12/2003	ND(0.037) J	ND(0.037) J	0.11 J	0.11 J
RA-4-SB-12	0-1	6/12/2003	ND(4.5)	14	5.5	19.5
	1-3	6/12/2003	ND(4.1)	42	16	58
RA-4-SB-13	0-1	6/12/2003	ND(0.20)	0.59	0.30	0.89
	1-3	6/12/2003	ND(0.039)	0.62	0.30	0.92
Recreational Area 5						
RA-5-SB-1	0-1	6/12/2003	ND(0.041) J	0.029 J	0.051 J	0.080 J
	1-3	6/12/2003	ND(0.036) J	ND(0.036) J	0.024 J	0.024 J
RA-5-SB-2	0-1	6/12/2003	ND(21)	830	200	1030
	1-3	6/12/2003	ND(0.82)	15	4.0	19
RA-5-SB-3	0-1	6/12/2003	ND(0.21)	0.70	0.74	1.44
	1-3	6/12/2003	ND(2.2) [ND(0.85)]	5.6 [7.1]	3.9 [4.0]	9.5 [11.1]
RA-5-SB-4	0-1	6/12/2003	ND(20)	70	42	112
	1-3	6/12/2003	ND(0.40)	3.6	6.8	10.4
RA-5-SB-5	0-1	6/12/2003	ND(0.042)	ND(0.042)	1.2	1.2
	1-3	6/12/2003	ND(0.24)	2.7	4.0	6.7
RA-5-SB-6	0-1	6/12/2003	ND(0.20)	1.8	1.3	3.1
	1-3	6/12/2003	ND(0.18)	2.3	1.0	3.3

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of PCBs.
2. With the exception of parcel I9-9-34, samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved November 4, 2002 and resubmitted December 10, 2002).
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Field duplicate sample results are presented in brackets.

Data Qualifiers:

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

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-1-SB-1 0-1 06/18/03	I9-9-1-SB-1 3-5 06/18/03	I9-9-1-SB-3 0-1 06/17/03	I9-9-1-SB-3 1-3 06/17/03	I9-9-1-SB-5 0-1 06/17/03	I9-9-1-SB-5 1-3 06/17/03
Volatile Organics						
2-Butanone	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.019)	ND(0.017)
Acetone	ND(0.022)	ND(0.024)	ND(0.021)	ND(0.023)	ND(0.038)	ND(0.034)
Chlorobenzene	ND(0.0054)	ND(0.0060)	ND(0.0053)	ND(0.0056)	ND(0.0094)	ND(0.0086)
Ethylbenzene	ND(0.0054)	ND(0.0060)	ND(0.0053)	ND(0.0056)	ND(0.0094)	ND(0.0086)
Toluene	ND(0.0054)	ND(0.0060)	ND(0.0053)	ND(0.0056)	ND(0.0094)	ND(0.0086)
Semivolatile Organics						
1,2,4-Trichlorobenzene	ND(0.36)	ND(0.40)	ND(0.36)	ND(0.38)	ND(0.63)	ND(0.57)
1,3-Dichlorobenzene	ND(0.36)	ND(0.40)	ND(0.36)	ND(0.38)	ND(0.63)	ND(0.57)
1,4-Dichlorobenzene	ND(0.36)	ND(0.40)	ND(0.36)	ND(0.38)	ND(0.63)	ND(0.57)
1,4-Naphthoquinone	ND(0.73)	ND(0.80)	ND(0.72)	ND(0.76)	ND(1.3)	ND(1.1)
2,4-Dimethylphenol	ND(0.36)	ND(0.40)	ND(0.36)	ND(0.38)	ND(0.63)	ND(0.57)
2,4-Dinitrotoluene	ND(0.36)	ND(0.40)	ND(0.36)	ND(0.38)	ND(0.63)	ND(0.57)
2-Chloronaphthalene	ND(0.36)	ND(0.40)	ND(0.36)	ND(0.38)	ND(0.63)	ND(0.57)
2-Methylnaphthalene	ND(0.36)	ND(0.40)	ND(0.36)	ND(0.38)	ND(0.63)	ND(0.57)
2-Methylphenol	ND(0.36)	ND(0.40)	ND(0.36)	ND(0.38)	ND(0.63)	ND(0.57)
3&4-Methylphenol	ND(0.73)	ND(0.80)	ND(0.72)	ND(0.76)	ND(1.3)	ND(1.1)
3,3'-Dichlorobenzidine	ND(0.73)	ND(0.80)	ND(0.72)	ND(0.76)	ND(1.3)	ND(1.1)
Acenaphthene	ND(0.36)	ND(0.40)	ND(0.36)	ND(0.38)	ND(0.63)	ND(0.57)
Acenaphthylene	ND(0.36)	ND(0.40)	ND(0.36)	0.16 J	ND(0.63)	ND(0.57)
Aniline	ND(0.36)	ND(0.40)	ND(0.36)	ND(0.38)	0.45 J	0.26 J
Anthracene	ND(0.36)	0.089 J	ND(0.36)	0.13 J	ND(0.63)	ND(0.57)
Benzo(a)anthracene	ND(0.36)	0.41	ND(0.36)	0.55	ND(0.63)	0.22 J
Benzo(a)pyrene	ND(0.36)	0.42	ND(0.36)	0.68	ND(0.63)	ND(0.57)
Benzo(b)fluoranthene	ND(0.36)	0.43	ND(0.36)	0.59	ND(0.63)	ND(0.57)
Benzo(g,h,i)perylene	ND(0.36)	0.31 J	ND(0.36)	ND(0.38)	ND(0.63)	ND(0.57)
Benzo(k)fluoranthene	ND(0.36)	0.32 J	ND(0.36)	0.67	ND(0.63)	ND(0.57)
Benzyl Alcohol	ND(0.73)	ND(0.80)	ND(0.72)	ND(0.76)	ND(1.3)	ND(1.1)
bis(2-Ethylhexyl)phthalate	ND(0.36)	ND(0.39)	ND(0.35)	ND(0.37)	ND(0.62)	ND(0.56)
Butylbenzylphthalate	ND(0.36)	ND(0.40)	ND(0.36)	ND(0.38)	ND(0.63)	ND(0.57)
Chrysene	ND(0.36)	0.46	ND(0.36)	0.73	ND(0.63)	0.24 J
Dibenzo(a,h)anthracene	ND(0.36)	ND(0.40)	ND(0.36)	ND(0.38)	ND(0.63)	ND(0.57)
Dibenzofuran	ND(0.36)	ND(0.40)	ND(0.36)	ND(0.38)	ND(0.63)	ND(0.57)
Di-n-Butylphthalate	ND(0.36)	ND(0.40)	ND(0.36)	ND(0.38)	ND(0.63)	ND(0.57)
Fluoranthene	0.085 J	0.75	0.10 J	1.2	0.21 J	0.56 J
Fluorene	ND(0.36)	ND(0.40)	ND(0.36)	ND(0.38)	ND(0.63)	ND(0.57)
Hexachlorophene	ND(0.73) J	ND(0.80) J	ND(0.72) J	ND(0.76) J	ND(1.3) J	ND(1.1) J
Indeno(1,2,3-cd)pyrene	ND(0.36)	0.27 J	ND(0.36)	0.41	ND(0.63)	ND(0.57)
Naphthalene	ND(0.36)	ND(0.40)	ND(0.36)	ND(0.38)	ND(0.63)	ND(0.57)
Nitrobenzene	ND(0.36)	ND(0.40)	ND(0.36)	ND(0.38)	ND(0.63)	ND(0.57)
p-Dimethylaminoazobenzene	ND(0.73)	ND(0.80)	ND(0.72)	ND(0.76)	ND(1.3)	ND(1.1)
Phenanthrene	ND(0.36)	0.32 J	ND(0.36)	0.44	ND(0.63)	0.38 J
Phenol	ND(0.36)	ND(0.40)	ND(0.36)	ND(0.38)	0.16 J	ND(0.57)
Pyrene	0.098 J	0.74	0.094 J	1.3	0.18 J	0.55 J
Furans						
2,3,7,8-TCDF	ND(0.0000054) Y	0.0000090 YI	0.0000014 YI	0.000012 YI	0.00014 Y	ND(0.0000034) Y
TCDFs (total)	0.0000023	0.000041	0.0000035	0.000085	0.00026	0.00026
1,2,3,7,8-PeCDF	0.0000013	0.0000033	ND(0.0000099) X	0.0000050 I	0.000083	0.000033
2,3,4,7,8-PeCDF	0.0000012	0.0000032	0.0000092	0.0000057	0.000047	0.000026
PeCDFs (total)	0.000015	0.000028	0.0000083	0.000083	0.00045	0.00012
1,2,3,4,7,8-HxCDF	0.0000061 I	0.000016 I	0.0000071	0.000038 I	0.00035 I	0.00017 I
1,2,3,6,7,8-HxCDF	ND(0.0000034)	0.0000030	0.0000059	0.0000034	0.000043	0.000024
1,2,3,7,8,9-HxCDF	ND(0.0000044)	ND(0.0000052)	ND(0.0000019)	ND(0.0000027)	ND(0.000015) X	0.000011
2,3,4,6,7,8-HxCDF	ND(0.0000061) X	0.0000022	0.0000068	0.0000036	0.000011	0.0000057
HxCDFs (total)	0.000015	0.000044	0.000012	0.00010	0.00073	0.00038
1,2,3,4,6,7,8-HpCDF	0.0000047	0.000015	0.0000048	0.000026	0.000071	0.000042
1,2,3,4,7,8,9-HpCDF	ND(0.0000043)	0.0000012	ND(0.0000015)	0.0000020	0.000043	0.000024
HpCDFs (total)	0.000010	0.000016	0.0000048	0.000028	0.00011	0.000066
OCDF	0.0000085	0.000019	0.0000092	0.000031	0.000056	0.000028

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-1-SB-1 0-1 06/18/03	I9-9-1-SB-1 3-5 06/18/03	I9-9-1-SB-3 0-1 06/17/03	I9-9-1-SB-3 1-3 06/17/03	I9-9-1-SB-5 0-1 06/17/03	I9-9-1-SB-5 1-3 06/17/03
Dioxins						
2,3,7,8-TCDD	ND(0.0000051)	ND(0.0000059)	ND(0.0000014)	ND(0.0000015) X	ND(0.0000019)	ND(0.0000011)
TCDDs (total)	ND(0.0000051)	ND(0.0000059)	ND(0.0000014)	0.0000019	0.0000011	0.0000055
1,2,3,7,8-PeCDD	ND(0.0000012)	ND(0.0000012)	ND(0.00000036)	ND(0.00000047)	ND(0.0000023)	ND(0.0000065)
PeCDDs (total)	ND(0.0000012)	ND(0.0000012)	ND(0.00000036)	ND(0.00000047)	ND(0.0000023)	ND(0.0000065)
1,2,3,4,7,8-HxCDD	ND(0.0000086)	ND(0.0000082)	ND(0.00000030)	0.00000095	ND(0.0000025)	ND(0.0000018)
1,2,3,6,7,8-HxCDD	ND(0.0000078)	ND(0.0000017) X	ND(0.00000028)	0.0000023	ND(0.0000022)	0.0000048
1,2,3,7,8,9-HxCDD	ND(0.0000078)	ND(0.0000020) X	ND(0.00000028)	0.0000022	ND(0.0000022)	ND(0.0000016)
HxCDDs (total)	ND(0.0000078)	ND(0.0000075)	0.0000038	0.0000054	ND(0.0000022)	0.0000048
1,2,3,4,6,7,8-HpCDD	0.0000093	ND(0.000010) X	0.0000020	0.000042	0.000039	0.000025
HpCDDs (total)	0.000021	0.0000085	0.000064	0.000082	0.000078	0.000055
OCDD	0.000068	0.000068	0.00016	0.00035	0.00016	0.00016
Total TEQs (WHO TEFs)	0.0000027	0.0000062	0.0000014	0.000011	0.000097	0.000041
Inorganics						
Antimony	ND(6.00)	ND(6.00)	ND(6.00)	4.30 B	5.60 B	27.0
Arsenic	7.80	6.80	6.90	8.80	12.0	16.0
Barium	30.0	160	21.0	85.0	630	290
Beryllium	0.0780 B	0.0600 B	0.130 B	0.190 B	0.280 B	0.220 B
Cadmium	ND(0.500)	0.410 B	ND(0.500)	0.400 B	7.10	2.70
Chromium	8.80	8.00	5.00	7.20	34.0	50.0
Cobalt	9.50	4.10 B	6.30	6.20	5.60	9.80
Copper	31.0	160	27.0	70.0	230	260
Cyanide	0.110	0.520	0.0810 B	0.230	1.00	1.30
Lead	57.0	180	44.0	320	2000	1800
Mercury	0.0750 B	0.480	0.0780 B	0.510	1.80	0.560
Nickel	18.0	9.60	9.80	11.0	36.0	77.0
Selenium	ND(1.00)	1.00	1.30 J	ND(1.00) J	3.40 J	3.80 J
Silver	ND(1.00)	ND(1.00)	ND(1.00)	0.160 B	1.20 B	2.30
Sulfide	ND(5.40)	7.60	ND(5.30)	ND(5.60)	1300	1900
Thallium	7.90 J	17.0 J	ND(1.10)	ND(1.10)	1.50 B	3.10
Tin	ND(10.0)	ND(17.0)	4.70 J	24.0	830	410
Vanadium	8.70	11.0	4.40 B	9.70	16.0	13.0
Zinc	69.0	240	48.0	180	1400	1300

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-9-SB-1 0-1 06/23/03	I9-9-9-SB-1 3-5 06/23/03	I9-9-9-SB-3 0-1 06/20/03	I9-9-9-SB-3 1-3 06/20/03	I9-9-11-SB-2 0-1 06/24/03	I9-9-11-SB-2 1-3 06/24/03	I9-9-11-SB-5 0-1 06/24/03
Volatiles Organics							
2-Butanone	ND(0.014)	NA	ND(0.016)	ND(0.015)	ND(0.012)	ND(0.011)	ND(0.011)
Acetone	ND(0.028)	NA	ND(0.032)	ND(0.030)	0.015 J	ND(0.022)	ND(0.023)
Chlorobenzene	ND(0.0070)	NA	ND(0.0079)	ND(0.0075)	ND(0.0060)	ND(0.0056)	ND(0.0057)
Ethylbenzene	ND(0.0070)	NA	ND(0.0079)	ND(0.0075)	ND(0.0060)	ND(0.0056)	ND(0.0057)
Toluene	ND(0.0070)	NA	ND(0.0079)	ND(0.0075)	ND(0.0060)	ND(0.0056)	ND(0.0057)
Semivolatile Organics							
1,2,4-Trichlorobenzene	ND(0.50)	ND(0.58)	ND(0.66)	ND(0.61)	ND(0.40)	ND(0.37)	ND(0.38)
1,3-Dichlorobenzene	ND(0.50)	ND(0.58)	ND(0.66)	ND(0.61)	ND(0.40)	ND(0.37)	ND(0.38)
1,4-Dichlorobenzene	ND(0.50)	ND(0.58)	ND(0.66)	ND(0.61)	ND(0.40)	ND(0.37)	ND(0.38)
1,4-Naphthoquinone	ND(0.94)	ND(1.0)	ND(1.1)	ND(1.0)	ND(0.80)	ND(0.75)	ND(0.77)
2,4-Dimethylphenol	ND(0.50)	ND(0.58)	ND(0.66)	ND(0.61)	ND(0.40)	ND(0.37)	ND(0.38)
2,4-Dinitrotoluene	ND(0.50)	ND(0.58)	ND(0.66)	0.38 J	ND(0.40)	ND(0.37)	ND(0.38)
2-Chloronaphthalene	ND(0.50)	ND(0.58)	ND(0.66)	ND(0.61)	ND(0.40)	ND(0.37)	ND(0.38)
2-Methylnaphthalene	ND(0.50)	ND(0.58)	ND(0.66)	0.14 J	0.094 J	2.0	ND(0.38)
2-Methylphenol	0.22 J	0.12 J	ND(0.66)	ND(0.61)	ND(0.40)	ND(0.37)	ND(0.38)
3&4-Methylphenol	1.2	0.49 J	ND(1.1)	ND(1.0)	ND(0.80)	ND(0.75)	ND(0.77)
3,3'-Dichlorobenzidine	0.13 J	ND(1.2)	ND(1.3)	ND(1.2)	ND(0.80)	ND(0.75)	ND(0.77)
Acenaphthene	1.8	8.5	ND(0.66)	ND(0.61)	0.35 J	11	ND(0.38)
Acenaphthylene	ND(0.50)	ND(0.58)	ND(0.66)	ND(0.61)	ND(0.40)	0.32 J	0.41
Aniline	0.32 J	3.9	1.6	1.0	ND(0.40)	ND(0.37)	ND(0.38)
Anthracene	ND(0.50)	ND(0.58)	0.38 J	0.14 J	0.57	22	0.70
Benzo(a)anthracene	ND(0.50)	ND(0.58)	0.48 J	0.33 J	0.78	42	3.2
Benzo(a)pyrene	ND(0.50)	ND(0.58)	0.36 J	0.24 J	0.52	32	3.0
Benzo(b)fluoranthene	ND(0.50)	ND(0.58)	0.31 J	0.26 J	0.51	32	2.2
Benzo(g,h,i)perylene	ND(0.50)	ND(0.58)	ND(0.66)	0.18 J	0.26 J	18	2.2
Benzo(k)fluoranthene	ND(0.50)	ND(0.58)	0.20 J	0.20 J	0.45	29	2.7
Benzyl Alcohol	ND(1.0)	ND(1.2)	ND(1.3)	ND(1.2)	ND(0.80)	ND(0.75)	ND(0.77)
bis(2-Ethylhexyl)phthalate	ND(0.46)	ND(0.50)	ND(0.52)	ND(0.49)	ND(0.40)	ND(0.37)	ND(0.38)
Butylbenzylphthalate	ND(0.50)	ND(0.58)	ND(0.66)	ND(0.61)	ND(0.40)	ND(0.37)	ND(0.38)
Chrysene	ND(0.50)	0.14 J	0.51 J	0.42 J	0.83	40	3.0
Dibenzo(a,h)anthracene	ND(0.50)	ND(0.58)	ND(0.66)	ND(0.61)	ND(0.40)	4.7	0.41
Dibenzofuran	ND(0.50)	ND(0.58)	0.15 J	ND(0.61)	0.22 J	6.0	ND(0.38)
Di-n-Butylphthalate	ND(0.50)	ND(0.58)	ND(0.66)	ND(0.61)	ND(0.40)	ND(0.37)	ND(0.38)
Fluoranthene	ND(0.50)	0.28 J	1.7	0.56 J	2.8	110	7.1
Fluorene	ND(0.50)	ND(0.58)	0.24 J	0.16 J	0.31 J	11	ND(0.38)
Hexachlorophene	ND(1.0) J	ND(1.2) J	ND(1.3) J	ND(1.2) J	ND(0.80) J	ND(0.75) J	ND(0.77) J
Indeno(1,2,3-cd)pyrene	ND(0.50)	ND(0.58)	ND(0.66)	0.18 J	0.22 J	15	1.7
Naphthalene	0.29 J	0.38 J	0.17 J	0.34 J	0.19 J	4.2	ND(0.38)
Nitrobenzene	0.15 J	ND(0.58)	ND(0.66)	ND(0.61)	ND(0.40)	ND(0.37)	ND(0.38)
p-Dimethylaminoazobenzene	ND(0.94)	ND(1.0)	ND(1.1)	ND(1.0)	ND(0.80)	ND(0.75)	ND(0.77)
Phenanthrene	ND(0.50)	0.16 J	1.8	0.36 J	2.8	90	2.5
Phenol	ND(0.50)	ND(0.58)	ND(0.66)	ND(0.61)	ND(0.40)	ND(0.37)	ND(0.38)
Pyrene	ND(0.50)	0.31 J	1.4	0.85	2.3	86	11
Furans							
2,3,7,8-TCDF	ND(0.00037) XY	NA	ND(0.00042) XY	ND(0.00054) XY	ND(0.00030) Y	ND(0.00021) Y	ND(0.00012) Y
TCDFs (total)	0.0019	NA	0.0018	0.0018	0.00037	0.00028	0.00036
1,2,3,7,8-PeCDF	0.00079 I	NA	0.00047 I	0.00069 I	ND(0.000023)	ND(0.000016)	0.00024
2,3,4,7,8-PeCDF	0.000033	NA	ND(0.000078) X	0.00010	0.000053	ND(0.000017)	0.000015
PeCDFs (total)	0.0011	NA	0.00075	0.0013	0.00014	0.000024	0.00019
1,2,3,4,7,8-HxCDF	0.0018 I	NA	0.0032 I	0.0036 I	0.000032 I	0.000027 I	0.00014 I
1,2,3,6,7,8-HxCDF	0.00019	NA	0.00035	0.00044	0.0000043	0.0000045	0.000066
1,2,3,7,8,9-HxCDF	0.000017	NA	0.000022	0.000028	ND(0.0000016)	ND(0.0000019)	ND(0.000013) X
2,3,4,6,7,8-HxCDF	0.00013	NA	0.00010	0.000093	0.0000034	0.0000034	0.000019
HxCDFs (total)	0.0040	NA	0.0062	0.0069	0.00010	0.00010	0.00049
1,2,3,4,6,7,8-HpCDF	0.00076	NA	0.00065	0.00079	0.000054	ND(0.000073) X	0.00075
1,2,3,4,7,8,9-HpCDF	0.00030	NA	0.00028	0.00044	0.0000095	0.0000074	0.00020
HpCDFs (total)	0.0012	NA	0.0010	0.0014	0.000069	0.0000074	0.0011
OCDF	0.0013	NA	0.00062	0.0016	0.00031	0.00023	0.011

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-9-SB-1 0-1 06/23/03	I9-9-9-SB-1 3-5 06/23/03	I9-9-9-SB-3 0-1 06/20/03	I9-9-9-SB-3 1-3 06/20/03	I9-9-11-SB-2 0-1 06/24/03	I9-9-11-SB-2 1-3 06/24/03	I9-9-11-SB-5 0-1 06/24/03
Dioxins							
2,3,7,8-TCDD	ND(0.000017)	NA	ND(0.000042)	ND(0.000068)	ND(0.000015)	ND(0.000013)	ND(0.000012)
TCDDs (total)	0.00015	NA	0.00010	0.00052	ND(0.000015)	ND(0.000013)	ND(0.000012)
1,2,3,7,8-PeCDD	ND(0.000053)	NA	ND(0.000048)	ND(0.000029)	ND(0.000032)	ND(0.000024)	ND(0.000020)
PeCDDs (total)	ND(0.000053)	NA	ND(0.000048)	ND(0.000029)	ND(0.000032)	ND(0.000024)	ND(0.000020)
1,2,3,4,7,8-HxCDD	ND(0.000033)	NA	0.000039	0.000053	ND(0.000017)	ND(0.000017)	ND(0.000019)
1,2,3,6,7,8-HxCDD	0.000023	NA	0.000053	0.000054	ND(0.000015)	ND(0.000015)	0.000013
1,2,3,7,8,9-HxCDD	0.000014	NA	0.000053	0.000050	0.000038	ND(0.000015)	0.000060
HxCDDs (total)	0.000037	NA	0.00014	0.00016	0.000038	ND(0.000015)	0.000052
1,2,3,4,6,7,8-HpCDD	0.00036	NA	0.00041	0.00043	0.00081	0.00092	0.00050
HpCDDs (total)	0.00071	NA	0.00077	0.00084	0.00014	0.00018	0.00077
OCDD	0.0031	NA	0.0014	0.00093	0.00064	0.00098	0.0074
Total TEQs (WHO TEFs)	0.00031	NA	0.00049	0.00058	0.00013	0.000087	0.000052
Inorganics							
Antimony	ND(6.00)	NA	2.20 B	4.80 B	1.00 B	ND(6.00)	ND(6.00)
Arsenic	3.90	NA	6.10	14.0	24.0	8.50	5.70
Barium	95.0	NA	130	200	80.0	89.0	78.0
Beryllium	ND(0.500)	NA	0.0980 B	0.120 B	ND(0.500)	ND(0.500)	ND(0.500)
Cadmium	2.30	NA	4.90	14.0	0.960 J	0.550 J	0.450 J
Chromium	24.0	NA	23.0	39.0	30.0 J	11.0 J	10.0 J
Cobalt	5.60	NA	4.70 B	9.20	5.80	6.10	6.10
Copper	150	NA	240	410	55.0	36.0	36.0
Cyanide	0.280	NA	0.950	0.970	0.200	0.110 B	0.280
Lead	340	NA	330	780	1000 J	300 J	89.0 J
Mercury	0.790	NA	1.70	2.00	0.280	0.140	0.0790 B
Nickel	23.0	NA	41.0	63.0	11.0	12.0	12.0
Selenium	ND(1.00) J	NA	1.80	3.60	0.930 J	ND(1.00) J	0.930 J
Silver	2.30	NA	9.30	4.20	0.320 J	0.160 J	ND(1.00) J
Sulfide	1200	NA	970	3900	19.0 J	23.0 J	280 J
Thallium	ND(1.40) J	NA	ND(1.60) J	3.10 J	ND(1.20)	ND(1.10)	ND(1.10)
Tin	23.0	NA	65.0	170	9.20 B	13.0	4.50 B
Vanadium	20.0	NA	14.0	14.0	9.20	8.50	7.60
Zinc	290	NA	450	770	490	160	450

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-11-SB-5 1-3 06/24/03	I9-9-17-SB-1 0-1 06/25/03	I9-9-17-SB-1 1-3 06/25/03	I9-9-17-SB-2 0-1 06/25/03	I9-9-17-SB-2 3-5 06/25/03
Volatile Organics					
2-Butanone	ND(0.011) [ND(0.011)]	ND(0.013)	ND(0.016)	ND(0.012)	ND(0.013)
Acetone	ND(0.023) [ND(0.022)]	ND(0.025)	0.032 J	ND(0.024)	ND(0.025)
Chlorobenzene	ND(0.0057) [ND(0.0056)]	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Ethylbenzene	ND(0.0057) [ND(0.0056)]	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Toluene	ND(0.0057) [ND(0.0056)]	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.38) [ND(0.37)]	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
1,3-Dichlorobenzene	ND(0.38) [ND(0.37)]	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
1,4-Dichlorobenzene	ND(0.38) [ND(0.37)]	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
1,4-Naphthoquinone	ND(0.77) [0.23 J]	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
2,4-Dimethylphenol	ND(0.38) [ND(0.37)]	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
2,4-Dinitrotoluene	ND(0.38) [ND(0.37)]	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
2-Chloronaphthalene	ND(0.38) [ND(0.37)]	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
2-Methylnaphthalene	ND(0.38) [ND(0.37)]	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
2-Methylphenol	ND(0.38) [ND(0.37)]	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
3&4-Methylphenol	ND(0.77) [ND(0.75)]	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
3,3'-Dichlorobenzidine	ND(0.77) [ND(0.75)]	ND(1.0)	ND(1.1)	ND(0.88)	ND(0.85)
Acenaphthene	ND(0.38) [ND(0.37)]	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Acenaphthylene	0.24 J [0.098 J]	ND(0.50)	ND(0.55)	0.34 J	ND(0.42)
Aniline	ND(0.38) [ND(0.37)]	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Anthracene	ND(0.38) [0.10 J]	ND(0.50)	ND(0.55)	1.1	0.17 J
Benzo(a)anthracene	1.3 J [0.45 J]	ND(0.50)	ND(0.55)	3.6	0.44
Benzo(a)pyrene	1.2 J [0.44 J]	ND(0.50)	0.13 J	3.0	0.44
Benzo(b)fluoranthene	0.96 J [0.34 J]	ND(0.50)	ND(0.55)	2.2	0.40 J
Benzo(g,h,i)perylene	0.92 J [0.34 J]	ND(0.50)	ND(0.55)	1.6	0.32 J
Benzo(k)fluoranthene	1.1 J [0.34 J]	ND(0.50)	ND(0.55)	3.0	0.42 J
Benzyl Alcohol	ND(0.77) [ND(0.75)]	ND(1.0)	ND(1.1)	ND(0.88)	ND(0.85)
bis(2-Ethylhexyl)phthalate	ND(0.38) [ND(0.37)]	ND(0.42)	ND(0.54)	ND(0.40)	ND(0.42)
Butylbenzylphthalate	ND(0.38) [ND(0.37)]	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Chrysene	1.2 J [0.45 J]	ND(0.50)	0.16 J	3.4	0.59
Dibenzo(a,h)anthracene	0.20 J [ND(0.37)]	ND(0.50)	ND(0.55)	0.41 J	ND(0.42)
Dibenzofuran	0.087 J [ND(0.37)]	ND(0.50)	ND(0.55)	0.18 J	ND(0.42)
Di-n-Butylphthalate	ND(0.38) [ND(0.37)]	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Fluoranthene	2.8 J [0.82 J]	0.21 J	0.23 J	7.8	1.2
Fluorene	ND(0.38) [ND(0.37)]	ND(0.50)	ND(0.55)	0.30 J	ND(0.42)
Hexachlorophene	ND(0.77) J [ND(0.75) J]	ND(1.0) J	ND(1.1) J	ND(0.88) J	0.23 J
Indeno(1,2,3-cd)pyrene	0.73 J [0.26 J]	ND(0.50)	ND(0.55)	1.4	0.23 J
Naphthalene	ND(0.38) [ND(0.37)]	ND(0.50)	ND(0.55)	0.22 J	ND(0.42)
Nitrobenzene	ND(0.38) [ND(0.37)]	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
p-Dimethylaminoazobenzene	ND(0.77) [ND(0.75)]	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
Phenanthrene	1.3 J [0.30 J]	0.11 J	0.13 J	3.7	0.65
Phenol	ND(0.38) [ND(0.37)]	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Pyrene	3.2 J [1.1 J]	0.19 J	0.26 J	6.8	1.1
Furans					
2,3,7,8-TCDF	ND(0.000018) Y [ND(0.000023) Y]	ND(0.000011) Y	0.000047 YI	0.000027 YI	0.0000084 Y
TCDFs (total)	0.0000034 [0.0000032]	0.000016	0.0014	0.00024	0.000039
1,2,3,7,8-PeCDF	0.0000033 [0.0000032]	0.0000063	0.00013	0.000077	ND(0.0000072) X
2,3,4,7,8-PeCDF	0.0000025 [ND(0.0000016)]	0.0000036	0.000027	ND(0.000013) X	ND(0.0000050) X
PeCDFs (total)	0.0000059 J [0.000015 J]	0.000047	0.00077	0.00026	0.000048
1,2,3,4,7,8-HxCDF	0.000035 I [ND(0.000040) X]	ND(0.000014) X	0.00017 I	ND(0.000024) X	ND(0.00000054)
1,2,3,6,7,8-HxCDF	0.0000085 [0.0000054]	0.0000067	0.000040	0.000035	0.000016
1,2,3,7,8,9-HxCDF	ND(0.0000011) [ND(0.00000097)]	ND(0.00000072)	ND(0.0000017)	ND(0.0000012)	0.0000033
2,3,4,6,7,8-HxCDF	ND(0.0000032) X [0.0000041]	ND(0.0000042) X	0.000015	0.000015	ND(0.000010) X
HxCDFs (total)	0.00012 [0.00010]	0.00010	0.00052	0.00015	0.000074
1,2,3,4,6,7,8-HpCDF	0.00012 [0.00013]	0.00011	0.00042	0.00010	0.00015
1,2,3,4,7,8,9-HpCDF	0.000025 [0.000018]	0.000010	0.00012	0.000015	0.000040
HpCDFs (total)	0.00016 [0.00015]	0.00013	0.00061	0.00012	0.00021
OCDF	0.0011 [0.00099]	ND(0.00030) J	0.0040	0.00046	0.0016

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-11-SB-5 1-3 06/24/03	I9-9-17-SB-1 0-1 06/25/03	I9-9-17-SB-1 1-3 06/25/03	I9-9-17-SB-2 0-1 06/25/03	I9-9-17-SB-2 3-5 06/25/03
Dioxins					
2,3,7,8-TCDD	ND(0.0000011) [ND(0.0000010)]	ND(0.00000080)	ND(0.0000014)	ND(0.00000089)	ND(0.00000065)
TCDDs (total)	ND(0.0000011) [ND(0.0000010)]	ND(0.00000080)	ND(0.0000014)	0.0000017	ND(0.00000065)
1,2,3,7,8-PeCDD	ND(0.0000020) [ND(0.0000018)]	ND(0.0000012)	ND(0.0000030)	ND(0.0000013)	ND(0.00000087)
PeCDDs (total)	ND(0.0000020) [ND(0.0000018)]	0.0000022	ND(0.0000030)	ND(0.0000013)	ND(0.00000087)
1,2,3,4,7,8-HxCDD	ND(0.0000015) [ND(0.0000012)]	0.0000027	ND(0.0000021)	ND(0.0000013) X	ND(0.00000058)
1,2,3,6,7,8-HxCDD	0.0000084 [0.000013]	0.000010	0.0000078	ND(0.0000048) X	ND(0.00000088) X
1,2,3,7,8,9-HxCDD	ND(0.0000013) [0.0000051]	0.0000088	ND(0.0000019)	ND(0.0000056) X	ND(0.00000053)
HxCDDs (total)	0.0000084 J [0.000018 J]	0.000054	0.0000078	0.0000058	0.0000030
1,2,3,4,6,7,8-HpCDD	0.00052 [0.00084]	0.00017	0.00014	0.000066	0.000019
HpCDDs (total)	0.00078 [0.0012]	0.00027	0.00023	0.00012	0.000030
OCDD	0.0093 [0.015]	0.0011 J	0.0011 J	0.00053 J	0.00011 J
Total TEQs (WHO TEFs)	0.000017 [0.000019]	0.000010	0.000058	0.000020	0.0000078
Inorganics					
Antimony	3.70 B [ND(6.00)]	1.20 B	2.00 B	2.90 B	7.40
Arsenic	4.20 [5.50]	4.70	7.40	11.0	7.70
Barium	75.0 [60.0]	55.0	210	150	53.0
Beryllium	ND(0.500) [ND(0.500)]	0.120 J	0.330 J	0.220 J	0.160 J
Cadmium	0.950 J [0.240 J]	0.640	1.50	0.780	0.340 B
Chromium	42.0 J [9.60 J]	14.0	10.0	14.0	8.10
Cobalt	7.50 [6.30]	6.00	6.40	7.20	7.80
Copper	20.0 [18.0]	41.0	70.0	90.0	60.0
Cyanide	0.230 [0.200 B]	0.400	0.950	0.130	0.120 B
Lead	220 J [44.0 J]	130	310	460	850
Mercury	0.0320 B [0.0400 B]	0.270	0.590	1.50	0.360
Nickel	12.0 [12.0]	13.0	14.0	14.0	13.0
Selenium	ND(1.00) J [ND(1.00) J]	1.30 J	2.00 J	1.50 J	1.60 J
Silver	ND(1.00) J [ND(1.00) J]	0.230 B	0.690 B	0.570 B	0.300 B
Sulfide	16.0 J [60.0 J]	18.0	21.0	12.0	50.0
Thallium	ND(1.10) [ND(1.10)]	ND(1.30)	ND(1.60)	ND(1.20)	ND(1.30)
Tin	4.10 B [3.90 B]	20.0	28.0	30.0	17.0
Vanadium	7.40 [8.10]	9.00	21.0	15.0	10.0
Zinc	170 [140]	130	350	270	110

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-18-SB-1 0-1 06/25/03	I9-9-18-SB-1 1-3 06/25/03	I9-9-18-SB-2 0-1 06/25/03	I9-9-18-SB-2 3-5 06/25/03	I9-9-21-SB-3 0-1 06/26/03	I9-9-21-SB-3 1-3 06/26/03	I9-9-21-SB-5 0-1 06/26/03
Volatile Organics							
2-Butanone	ND(0.018)	ND(0.016)	ND(0.013)	ND(0.013)	ND(0.012)	ND(0.012)	ND(0.011)
Acetone	ND(0.036)	ND(0.033)	ND(0.027)	ND(0.026)	0.015 J	ND(0.024)	ND(0.022)
Chlorobenzene	ND(0.0091)	ND(0.0082)	ND(0.0067)	ND(0.0066)	ND(0.0058)	ND(0.0061)	ND(0.0054)
Ethylbenzene	ND(0.0091)	ND(0.0082)	ND(0.0067)	ND(0.0066)	ND(0.0058)	ND(0.0061)	ND(0.0054)
Toluene	ND(0.0091)	ND(0.0082)	ND(0.0067)	ND(0.0066)	ND(0.0058)	ND(0.0061)	ND(0.0054)
Semivolatile Organics							
1,2,4-Trichlorobenzene	ND(0.64)	ND(0.65)	ND(0.44)	ND(0.48)	ND(0.38)	0.13 J	ND(0.36)
1,3-Dichlorobenzene	ND(0.64)	ND(0.65)	ND(0.44)	ND(0.48)	ND(0.38)	ND(0.40)	ND(0.36)
1,4-Dichlorobenzene	ND(0.64)	ND(0.65)	ND(0.44)	ND(0.48)	ND(0.38)	ND(0.40)	ND(0.36)
1,4-Naphthoquinone	ND(1.2)	ND(1.1)	ND(0.89)	ND(0.88)	ND(0.77)	ND(0.81)	ND(0.73)
2,4-Dimethylphenol	ND(0.64)	ND(0.65)	ND(0.44)	ND(0.48)	ND(0.38)	ND(0.40)	R
2,4-Dinitrotoluene	ND(0.64)	ND(0.65)	ND(0.44)	ND(0.48)	ND(0.38)	ND(0.40)	ND(0.36)
2-Chloronaphthalene	ND(0.64)	ND(0.65)	ND(0.44)	ND(0.48)	ND(0.38)	ND(0.40)	ND(0.36)
2-Methylnaphthalene	ND(0.64)	ND(0.65)	0.17 J	ND(0.48)	0.094 J	ND(0.40)	ND(0.36)
2-Methylphenol	ND(0.64)	ND(0.65)	ND(0.44)	ND(0.48)	ND(0.38)	ND(0.40)	ND(0.36)
3&4-Methylphenol	ND(1.2)	ND(1.1)	ND(0.89)	ND(0.88)	ND(0.77)	ND(0.81)	R
3,3'-Dichlorobenzidine	ND(1.3)	ND(1.3)	ND(0.89)	ND(0.95)	ND(0.77) J	ND(0.81) J	ND(0.73) J
Acenaphthene	ND(0.64)	ND(0.65)	0.12 J	ND(0.48)	0.42	ND(0.40)	ND(0.36)
Acenaphthylene	ND(0.64)	0.31 J	0.63	0.14 J	ND(0.38)	ND(0.40)	ND(0.36)
Aniline	ND(0.64)	0.48 J	ND(0.44)	ND(0.48)	ND(0.38)	0.13 J	ND(0.36)
Anthracene	ND(0.64)	0.69	0.70	0.23 J	0.37 J	ND(0.40)	ND(0.36)
Benzo(a)anthracene	0.13 J	1.0	2.4	0.75	0.95	0.11 J	ND(0.36)
Benzo(a)pyrene	ND(0.64)	0.81	2.5	0.82	0.92	0.094 J	ND(0.36)
Benzo(b)fluoranthene	ND(0.64)	0.79	2.2	ND(0.48)	0.69	ND(0.40)	ND(0.36)
Benzo(g,h,i)perylene	ND(0.64)	0.35 J	1.6	0.53	0.63	0.12 J	ND(0.36)
Benzo(k)fluoranthene	ND(0.64)	0.57 J	2.1	ND(0.48)	0.72	ND(0.40)	ND(0.36)
Benzyl Alcohol	ND(1.3)	ND(1.3)	ND(0.89)	ND(0.95)	ND(0.77)	ND(0.81)	R
bis(2-Ethylhexyl)phthalate	ND(0.60)	ND(0.54)	ND(0.44)	ND(0.43)	ND(0.38)	ND(0.40)	ND(0.36)
Butylbenzylphthalate	ND(0.64)	ND(0.65)	ND(0.44)	ND(0.48)	ND(0.38)	ND(0.40)	ND(0.36)
Chrysene	0.16 J	1.0	2.4	0.76	1.0	0.14 J	ND(0.36)
Dibenzo(a,h)anthracene	ND(0.64)	ND(0.65)	0.40 J	ND(0.48)	ND(0.38)	ND(0.40)	ND(0.36)
Dibenzofuran	ND(0.64)	0.19 J	0.13 J	ND(0.48)	0.10 J	ND(0.40)	ND(0.36)
Di-n-Butylphthalate	ND(0.64)	ND(0.65)	ND(0.44)	ND(0.48)	ND(0.38)	ND(0.40)	ND(0.36)
Fluoranthene	0.32 J	2.6	4.4	1.3	2.2	0.22 J	ND(0.36)
Fluorene	ND(0.64)	0.59 J	0.26 J	0.17 J	0.18 J	ND(0.40)	ND(0.36)
Hexachlorophene	ND(1.3) J	ND(1.3) J	ND(0.89) J	ND(0.95) J	ND(0.77) J	ND(0.81) J	ND(0.73) J
Indeno(1,2,3-cd)pyrene	ND(0.64)	0.33 J	1.4	0.44 J	0.47	0.12 J	ND(0.36)
Naphthalene	ND(0.64)	0.13 J	0.51	0.12 J	0.15 J	ND(0.40)	ND(0.36)
Nitrobenzene	ND(0.64)	ND(0.65)	ND(0.44)	ND(0.48)	ND(0.38)	ND(0.40)	ND(0.36)
p-Dimethylaminoazobenzene	ND(1.2)	ND(1.1)	ND(0.89)	ND(0.88)	ND(0.77)	ND(0.81)	ND(0.73)
Phenanthrene	0.21 J	2.7	1.9	0.70	1.7	0.13 J	ND(0.36)
Phenol	ND(0.64)	ND(0.65)	ND(0.44)	ND(0.48)	ND(0.38)	ND(0.40)	R
Pyrene	0.29 J	2.4	3.9	1.5	1.9	0.18 J	ND(0.36)
Furans							
2,3,7,8-TCDF	ND(0.000087) XY	0.00019 YI	0.000019 YI	ND(0.0000055)	ND(0.0000041)	ND(0.0000043)	ND(0.0000026)
TCDFs (total)	0.0033	0.0014	0.00028	ND(0.0000055)	ND(0.0000041)	ND(0.0000043)	0.000018
1,2,3,7,8-PeCDF	0.0014	0.00037	ND(0.0000084) X	ND(0.0000047)	ND(0.0000073)	ND(0.0000097)	ND(0.0000057)
2,3,4,7,8-PeCDF	0.000072	0.000079	ND(0.0000059) X	ND(0.0000050)	ND(0.0000077)	ND(0.000010)	ND(0.0000060)
PeCDFs (total)	0.0031	0.0017	0.00021	ND(0.0000047)	ND(0.0000073)	0.00077 J	ND(0.0000057)
1,2,3,4,7,8-HxCDF	ND(0.0000049)	0.0012 I	0.000032 I	ND(0.0000048)	ND(0.0000054)	ND(0.0000051)	ND(0.0000044)
1,2,3,6,7,8-HxCDF	0.00044 I	0.00021	0.000059	ND(0.0000047)	0.00038 I	0.0028 IJ	0.000097 I
1,2,3,7,8,9-HxCDF	ND(0.0000064)	ND(0.0000023)	ND(0.0000011)	ND(0.0000062)	ND(0.0000073)	ND(0.0000070)	ND(0.0000060)
2,3,4,6,7,8-HxCDF	ND(0.0000026) X	0.000072	0.000013	ND(0.0000053)	ND(0.0000066)	ND(0.0000062)	ND(0.0000054)
HxCDFs (total)	0.00080	0.0032	0.00021	ND(0.0000047)	0.00092	0.0050 J	0.00018
1,2,3,4,6,7,8-HpCDF	0.00011	0.0022	ND(0.000039) X	0.000017	0.000062	0.00018 J	0.000045
1,2,3,4,7,8,9-HpCDF	0.000028	0.00060	0.000059	ND(0.0000047) X	ND(0.0000069)	ND(0.0000059)	0.000011 J
HpCDFs (total)	0.00014	0.0030	0.000059	0.000026	0.000062	0.00044 J	0.00012
OCDF	ND(0.00019) J	0.022	0.00013	0.00020	0.00012	0.00016 J	0.00035

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-18-SB-1 0-1 06/25/03	I9-9-18-SB-1 1-3 06/25/03	I9-9-18-SB-2 0-1 06/25/03	I9-9-18-SB-2 3-5 06/25/03	I9-9-21-SB-3 0-1 06/26/03	I9-9-21-SB-3 1-3 06/26/03	I9-9-21-SB-5 0-1 06/26/03
Dioxins							
2,3,7,8-TCDD	ND(0.0000016)	ND(0.000016) X	ND(0.00000062)	ND(0.00000054)	ND(0.00000099)	ND(0.00000098)	ND(0.00000045)
TCDDs (total)	ND(0.0000016)	0.00011	0.0000021	ND(0.00000054)	ND(0.00000099)	ND(0.00000098)	ND(0.00000045)
1,2,3,7,8-PeCDD	ND(0.0000035)	ND(0.000012) X	ND(0.0000015)	ND(0.00000074)	ND(0.00000094)	ND(0.0000013)	ND(0.00000081)
PeCDDs (total)	ND(0.0000035)	ND(0.0000049)	ND(0.0000015)	ND(0.00000074)	ND(0.00000094)	ND(0.0000013)	ND(0.00000081)
1,2,3,4,7,8-HxCDD	0.0000035 J	0.000029	ND(0.0000011)	ND(0.00000071)	ND(0.00000086)	ND(0.00000094)	ND(0.00000093)
1,2,3,6,7,8-HxCDD	ND(0.0000044) X	0.000036	ND(0.0000010)	ND(0.00000064)	ND(0.00000068)	ND(0.00000074)	ND(0.00000074)
1,2,3,7,8,9-HxCDD	ND(0.000012) X	ND(0.000030) X	ND(0.0000010)	ND(0.00000065)	ND(0.00000071)	ND(0.00000078)	ND(0.00000077)
HxCDDs (total)	0.000018 J	0.000065	ND(0.0000010)	ND(0.00000064)	0.000025	0.000058 J	ND(0.0000074)
1,2,3,4,6,7,8-HpCDD	0.00015	0.00052	0.000031	0.0000068	0.000056	0.000060 J	0.000044
HpCDDs (total)	0.00025	0.00094	0.000056	0.0000068	0.00011	0.00012 J	0.00010
OCDD	0.0010 J	0.0018 J	0.00020 J	0.000029 J	0.00034	0.00030 J	0.00036
Total TEQs (WHO TEFs)	0.00016	0.00028	0.000011	0.0000013	0.000053	0.00030	0.000021
Inorganics							
Antimony	41.0	3.10 B	1.80 B	ND(6.00)	ND(6.00)	0.930 B	1.20 B
Arsenic	11.0	8.40	10.0	6.90	7.40	7.00	5.10
Barium	43.0	280	98.0	51.0	48.0	52.0	150
Beryllium	0.170 J	0.250 J	0.160 J	0.170 J	ND(0.500)	ND(0.500)	ND(0.500)
Cadmium	0.290 B	4.10	0.590	0.120 B	1.60	2.80	1.50
Chromium	10.0	22.0	9.00	6.00	9.60 J	9.20 J	7.60 J
Cobalt	14.0	8.90	8.00	7.00	7.70	6.40	6.00
Copper	45.0	190	53.0	25.0	88.0 J	51.0 J	42.0 J
Cyanide	0.690	0.530	0.180	0.140	0.170	0.0950 B	0.100 B
Lead	130	720	280	78.0	220 J	220 J	120 J
Mercury	0.630	1.20	0.380	0.170	0.230	0.370	0.110
Nickel	22.0	30.0	14.0	12.0	19.0 J	18.0 J	11.0 J
Selenium	1.50 J	2.10 J	1.30 J	1.00 J	ND(1.00) J	ND(1.00) J	ND(1.00) J
Silver	ND(1.40)	2.20	0.440 B	0.180 B	ND(1.00)	0.490 B	ND(1.00)
Sulfide	12.0	320	21.0	160	7.40	7.80	7.00
Thallium	ND(1.80)	ND(1.60)	ND(1.30)	ND(1.30)	ND(1.20)	ND(1.20)	ND(1.10)
Tin	86.0	35.0	16.0	7.10 B	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium	11.0	16.0	14.0	11.0	13.0	12.0	9.80
Zinc	88.0	560	200	70.0	150 J	160 J	55.0 J

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-21-SB-5 1-3 06/26/03	I9-9-22-SB-3 0-1 06/27/03	I9-9-22-SB-3 1-3 06/27/03	I9-9-23-SB-1 0-1 06/27/03	I9-9-23-SB-1 1-3 06/27/03
Volatile Organics					
2-Butanone	ND(0.011) [ND(0.011)]	ND(0.011)	ND(0.014)	ND(0.012)	ND(0.012)
Acetone	ND(0.022) [ND(0.022)]	ND(0.022)	ND(0.028)	ND(0.024)	ND(0.023)
Chlorobenzene	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)	ND(0.0060)	ND(0.0058)
Ethylbenzene	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)	ND(0.0060)	ND(0.0058)
Toluene	ND(0.0056) [0.0030 J]	ND(0.0054)	ND(0.0070)	ND(0.0060)	ND(0.0058)
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)	ND(0.40)	ND(0.38)
1,3-Dichlorobenzene	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)	ND(0.40)	ND(0.38)
1,4-Dichlorobenzene	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)	ND(0.40)	ND(0.38)
1,4-Naphthoquinone	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)	ND(0.80)	ND(0.77)
2,4-Dimethylphenol	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)	ND(0.40)	ND(0.38)
2,4-Dinitrotoluene	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)	ND(0.40)	ND(0.38)
2-Chloronaphthalene	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)	ND(0.40)	ND(0.38)
2-Methylnaphthalene	ND(0.38) [ND(0.37)]	ND(0.45)	0.13 J	ND(0.40)	ND(0.38)
2-Methylphenol	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)	ND(0.40)	ND(0.38)
3&4-Methylphenol	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)	ND(0.80)	ND(0.77)
3,3'-Dichlorobenzidine	ND(0.75) J [ND(0.75) J]	ND(0.90) J	ND(0.93) J	ND(0.80) J	ND(0.77) J
Acenaphthene	ND(0.38) [ND(0.37)]	ND(0.45)	0.62	ND(0.40)	0.28 J
Acenaphthylene	ND(0.38) [ND(0.37)]	ND(0.45)	0.26 J	ND(0.40)	0.088 J
Aniline	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)	ND(0.40)	ND(0.38)
Anthracene	ND(0.38) [ND(0.37)]	ND(0.45)	0.89	ND(0.40)	0.096 J
Benzo(a)anthracene	0.28 J [0.32 J]	0.18 J	2.0	ND(0.40)	0.36 J
Benzo(a)pyrene	0.23 J [0.30 J]	0.15 J	1.8	ND(0.40)	0.34 J
Benzo(b)fluoranthene	0.20 J [0.29 J]	ND(0.45)	1.4	ND(0.40)	0.28 J
Benzo(g,h,i)perylene	0.32 J [0.37 J]	ND(0.45)	1.1	ND(0.40)	0.21 J
Benzo(k)fluoranthene	0.14 J [0.25 J]	ND(0.45)	1.5	ND(0.40)	0.24 J
Benzyl Alcohol	ND(0.75) [ND(0.75)]	ND(0.90)	ND(0.93)	ND(0.80)	ND(0.77)
bis(2-Ethylhexyl)phthalate	ND(0.37) [ND(0.37)]	0.92	ND(0.46)	0.51	0.70
Butylbenzylphthalate	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)	ND(0.40)	0.58
Chrysene	0.30 J [0.34 J]	0.23 J	2.1	ND(0.40)	0.35 J
Dibenzo(a,h)anthracene	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)	ND(0.40)	ND(0.38)
Dibenzofuran	ND(0.38) [ND(0.37)]	ND(0.45)	0.23 J	ND(0.40)	ND(0.38)
Di-n-Butylphthalate	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)	ND(0.40)	ND(0.38)
Fluoranthene	0.53 [0.54]	0.36 J	4.6	ND(0.40)	0.66
Fluorene	ND(0.38) [ND(0.37)]	ND(0.45)	0.48	ND(0.40)	ND(0.38)
Hexachlorophene	ND(0.75) J [ND(0.75) J]	ND(0.90) J	ND(0.93) J	ND(0.80) J	ND(0.77) J
Indeno(1,2,3-cd)pyrene	0.15 J [0.22 J]	ND(0.45)	0.90	ND(0.40)	0.19 J
Naphthalene	ND(0.38) [ND(0.37)]	ND(0.45)	0.17 J	ND(0.40)	ND(0.38)
Nitrobenzene	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)	ND(0.40)	ND(0.38)
p-Dimethylaminoazobenzene	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)	ND(0.80)	ND(0.77)
Phenanthrene	0.19 J [0.16 J]	0.24 J	3.3	ND(0.40)	0.25 J
Phenol	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)	0.44	ND(0.38)
Pyrene	0.41 [0.45]	0.32 J	3.8	0.098 J	0.61
Furans					
2,3,7,8-TCDF	ND(0.000024) [ND(0.000031)]	ND(0.000039)	ND(0.000033)	ND(0.000041)	ND(0.000030)
TCDFs (total)	0.000023 [0.000022]	ND(0.000039)	0.000016 J	0.000086 J	ND(0.000030)
1,2,3,7,8-PeCDF	ND(0.000042) [ND(0.000052)]	ND(0.000057)	ND(0.000054)	ND(0.000071)	ND(0.000044)
2,3,4,7,8-PeCDF	ND(0.000044) [ND(0.000055)]	ND(0.000060)	ND(0.000057)	ND(0.000074)	ND(0.000046)
PeCDFs (total)	ND(0.000042) [ND(0.000052)]	ND(0.000057)	0.000058 J	0.000079 J	0.000061 J
1,2,3,4,7,8-HxCDF	ND(0.000038) [ND(0.000045)]	ND(0.000049) J	0.000018 IJ	ND(0.000048)	ND(0.000033)
1,2,3,6,7,8-HxCDF	0.000070 I [0.000089 I]	0.00013 IJ	0.000018 IJ	0.000056 IJ	0.000051 IJ
1,2,3,7,8,9-HxCDF	ND(0.000052) [ND(0.000061)]	ND(0.000066) J	ND(0.000063) J	ND(0.000066) J	ND(0.000045) J
2,3,4,6,7,8-HxCDF	0.000046 J [0.00015 IJ]	0.00025 IJ	ND(0.000056) J	ND(0.000059) J	ND(0.000040) J
HxCDFs (total)	0.00015 J [0.00039 J]	0.00050 J	0.000060 J	0.00051 J	0.00016 J
1,2,3,4,6,7,8-HpCDF	0.000021 [0.000032]	0.000021 J	ND(0.000018) X	0.000039 J	0.000041 J
1,2,3,4,7,8,9-HpCDF	ND(0.000052) [0.000012 J]	ND(0.000049)	ND(0.000049)	ND(0.000054)	0.000089 J
HpCDFs (total)	0.000078 [0.000078]	0.000021 J	0.000021 J	0.00020 J	0.00011 J
OCDF	0.000052 J [0.00025 J]	0.000042 J	0.000086 J	0.00015 J	0.00014 J

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-21-SB-5 1-3 06/26/03	I9-9-22-SB-3 0-1 06/27/03	I9-9-22-SB-3 1-3 06/27/03	I9-9-23-SB-1 0-1 06/27/03	I9-9-23-SB-1 1-3 06/27/03
Dioxins					
2,3,7,8-TCDD	ND(0.0000041) [ND(0.0000054)]	ND(0.0000060)	ND(0.0000038)	ND(0.0000058)	ND(0.0000036)
TCDDs (total)	ND(0.0000041) [ND(0.0000054)]	ND(0.0000060)	ND(0.0000038)	ND(0.0000058)	ND(0.0000036)
1,2,3,7,8-PeCDD	ND(0.0000075) [ND(0.0000079)]	ND(0.0000085)	ND(0.0000068)	ND(0.0000091)	ND(0.0000051)
PeCDDs (total)	ND(0.0000075) [ND(0.0000079)]	ND(0.0000085)	ND(0.0000068)	ND(0.0000091)	ND(0.0000051)
1,2,3,4,7,8-HxCDD	ND(0.0000065) [ND(0.0000080)]	ND(0.0000076)	ND(0.0000068)	ND(0.0000074)	ND(0.0000050)
1,2,3,6,7,8-HxCDD	ND(0.0000051) [ND(0.0000063)]	ND(0.0000060) J	ND(0.0000054)	0.0000088 J	0.0000083 J
1,2,3,7,8,9-HxCDD	ND(0.0000054) [ND(0.0000066)]	ND(0.0000063)	ND(0.0000056)	ND(0.0000062)	ND(0.0000042)
HxCDDs (total)	ND(0.0000051) [ND(0.0000063)]	ND(0.0000060)	ND(0.0000054)	0.0000034 J	0.0000037 J
1,2,3,4,6,7,8-HpCDD	0.000027 [0.000022]	ND(0.000011) X	0.000017 J	0.00010 J	0.000082 J
HpCDDs (total)	0.000070 [0.000056]	0.000024 J	0.000034 J	0.00010 J	0.00014 J
OCDD	0.00017 [0.00013]	0.000086 J	0.00014 J	0.00093 J	0.00059 J
Total TEQs (WHO TEFs)	0.000016 [0.000034]	0.000049	0.000012	0.000019	0.000014
Inorganics					
Antimony	1.00 B [0.950 B]	0.780 B	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	3.60 [4.60]	6.60	8.00	6.70	6.40
Barium	74.0 [68.0]	67.0	100	46.0	43.0
Beryllium	ND(0.500) [ND(0.500)]	ND(0.500)	0.510	ND(0.500)	ND(0.500)
Cadmium	1.40 [1.70]	1.00	0.800	0.870	0.770
Chromium	6.30 J [12.0 J]	5.90	7.20	8.00	8.50
Cobalt	ND(5.00) [ND(5.00)]	8.40	5.90	8.10	8.70
Copper	19.0 J [32.0 J]	50.0	31.0	29.0	31.0
Cyanide	0.160 [0.130 B]	0.0850 B	0.120 B	0.180	0.0990 B
Lead	160 J [1600 J]	87.0	320	73.0	66.0
Mercury	0.160 [0.140]	0.110	0.220	0.150	0.170
Nickel	9.90 J [24.0 J]	14.0	11.0	14.0	16.0
Selenium	ND(1.00) J [ND(1.00) J]	ND(1.00) J	ND(1.00) J	ND(1.00) J	ND(1.00) J
Silver	ND(1.00) [ND(1.00)]	ND(1.00)	0.300 B	ND(1.00)	ND(1.00)
Sulfide	16.0 [18.0]	16.0	16.0	7.70	ND(5.80)
Thallium	ND(1.10) [ND(1.10)]	1.40 J	ND(1.40) J	ND(1.20) J	ND(1.20) J
Tin	ND(10.0) [ND(10.0)]	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium	6.80 [7.60]	5.80	13.0	9.40	8.50
Zinc	290 J [960 J]	74.0	180	96.0	85.0

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-23-SB-3 0-1 06/27/03	I9-9-23-SB-3 1-3 06/27/03	I9-9-24-SB-1 0-1 07/01/03	I9-9-24-SB-1 1-3 07/01/03	I9-9-24-SB-2 0-1 07/01/03	I9-9-24-SB-2 3-5 07/01/03
Volatile Organics						
2-Butanone	ND(0.010)	ND(0.011)	ND(0.014)	ND(0.013)	ND(0.012)	ND(0.013)
Acetone	ND(0.021)	ND(0.022)	ND(0.028)	ND(0.026)	ND(0.025)	ND(0.025)
Chlorobenzene	ND(0.0052)	ND(0.0056)	ND(0.0070)	ND(0.0066)	ND(0.0062)	ND(0.0063)
Ethylbenzene	ND(0.0052)	ND(0.0056)	ND(0.0070)	ND(0.0066)	ND(0.0062)	ND(0.0063)
Toluene	ND(0.0052)	ND(0.0056)	ND(0.0070)	ND(0.0066)	ND(0.0062)	ND(0.0063)
Semivolatile Organics						
1,2,4-Trichlorobenzene	ND(0.35)	ND(0.44)	ND(0.60)	ND(0.44)	ND(0.41)	ND(0.42)
1,3-Dichlorobenzene	ND(0.35)	ND(0.44)	ND(0.60)	ND(0.44)	ND(0.41)	ND(0.42)
1,4-Dichlorobenzene	ND(0.35)	ND(0.44)	ND(0.60)	ND(0.44)	ND(0.41)	ND(0.42)
1,4-Naphthoquinone	ND(0.70)	ND(0.75)	ND(0.94)	ND(0.88)	ND(0.83)	ND(0.85)
2,4-Dimethylphenol	ND(0.35)	ND(0.44)	ND(0.60)	ND(0.44)	ND(0.41)	ND(0.42)
2,4-Dinitrotoluene	ND(0.35)	ND(0.44)	ND(0.60)	ND(0.44)	ND(0.41)	ND(0.42)
2-Chloronaphthalene	ND(0.35)	ND(0.44)	ND(0.60)	ND(0.44)	ND(0.41)	ND(0.42)
2-Methylnaphthalene	ND(0.35)	ND(0.44)	ND(0.60)	ND(0.44)	ND(0.41)	ND(0.42)
2-Methylphenol	ND(0.35)	ND(0.44)	ND(0.60)	ND(0.44)	ND(0.41)	ND(0.42)
3&4-Methylphenol	ND(0.70)	ND(0.75)	ND(0.94)	ND(0.88)	ND(0.83)	ND(0.85)
3,3'-Dichlorobenzidine	ND(0.70) J	ND(0.88) J	ND(1.2)	ND(0.88)	ND(0.83)	ND(0.85)
Acenaphthene	ND(0.35)	0.13 J	ND(0.60)	ND(0.44)	ND(0.41)	ND(0.42)
Acenaphthylene	ND(0.35)	ND(0.44)	ND(0.60)	ND(0.44)	ND(0.41)	ND(0.42)
Aniline	ND(0.35)	ND(0.44)	ND(0.60)	ND(0.44)	ND(0.41)	ND(0.42)
Anthracene	ND(0.35)	ND(0.44)	ND(0.60)	ND(0.44)	ND(0.41)	ND(0.42)
Benzo(a)anthracene	0.085 J	ND(0.44)	0.26 J	ND(0.44)	0.20 J	0.11 J
Benzo(a)pyrene	0.11 J	ND(0.44)	0.31 J	ND(0.44)	0.20 J	0.13 J
Benzo(b)fluoranthene	0.090 J	ND(0.44)	0.21 J	ND(0.44)	0.12 J	0.12 J
Benzo(g,h,i)perylene	0.088 J	ND(0.44)	ND(0.60)	ND(0.44)	0.15 J	ND(0.42)
Benzo(k)fluoranthene	0.10 J	ND(0.44)	0.25 J	ND(0.44)	0.17 J	0.10 J
Benzyl Alcohol	ND(0.70)	ND(0.88)	ND(1.2)	ND(0.88)	ND(0.83)	ND(0.85)
bis(2-Ethylhexyl)phthalate	ND(0.34)	ND(0.37)	ND(0.46)	ND(0.44)	ND(0.41)	ND(0.42)
Butylbenzylphthalate	ND(0.35)	ND(0.44)	ND(0.60)	ND(0.44)	ND(0.41)	ND(0.42)
Chrysene	0.12 J	ND(0.44)	0.35 J	ND(0.44)	0.26 J	0.12 J
Dibenzo(a,h)anthracene	ND(0.35)	ND(0.44)	ND(0.60)	ND(0.44)	ND(0.41)	ND(0.42)
Dibenzofuran	ND(0.35)	ND(0.44)	ND(0.60)	ND(0.44)	ND(0.41)	ND(0.42)
Di-n-Butylphthalate	ND(0.35)	ND(0.44)	ND(0.60)	ND(0.44)	ND(0.41)	ND(0.42)
Fluoranthene	0.16 J	0.12 J	0.64	ND(0.44)	0.33 J	0.22 J
Fluorene	ND(0.35)	ND(0.44)	ND(0.60)	ND(0.44)	ND(0.41)	ND(0.42)
Hexachlorophene	ND(0.70) J	ND(0.88) J	ND(1.2) J	ND(0.88) J	ND(0.83) J	ND(0.85) J
Indeno(1,2,3-cd)pyrene	ND(0.35)	ND(0.44)	0.21 J	ND(0.44)	0.13 J	ND(0.42)
Naphthalene	ND(0.35)	ND(0.44)	ND(0.60)	ND(0.44)	ND(0.41)	ND(0.42)
Nitrobenzene	ND(0.35)	ND(0.44)	ND(0.60)	ND(0.44)	ND(0.41)	ND(0.42)
p-Dimethylaminoazobenzene	ND(0.70)	ND(0.75)	ND(0.94)	ND(0.88)	ND(0.83)	ND(0.85)
Phenanthrene	ND(0.35)	ND(0.44)	0.34 J	ND(0.44)	0.19 J	0.13 J
Phenol	0.081 J	ND(0.44)	ND(0.60)	ND(0.44)	ND(0.41)	ND(0.42)
Pyrene	0.18 J	0.11 J	0.61	0.16 J	0.34 J	0.23 J
Furans						
2,3,7,8-TCDF	ND(0.000043)	ND(0.000029)	0.000079 YI	0.000086 YI	0.000012 Y	ND(0.000029) Y
TCDFs (total)	ND(0.000043)	ND(0.000029)	0.000020	0.000020	0.00010	0.000020
1,2,3,7,8-PeCDF	ND(0.000058)	ND(0.000051)	0.0000074	ND(0.000014)	ND(0.000021) X	0.0000029
2,3,4,7,8-PeCDF	ND(0.000061)	ND(0.000053)	ND(0.000052) X	ND(0.000053) X	0.000099	ND(0.000010)
PeCDFs (total)	0.000030 J	0.000031	0.000047	0.000066	0.000022	0.000036
1,2,3,4,7,8-HxCDF	0.000087	ND(0.000034)	0.000056 I	0.000040 I	0.00012 I	0.000035 I
1,2,3,6,7,8-HxCDF	0.000028 IJ	0.000037 IJ	0.000059	ND(0.000068) X	0.000021	ND(0.000010)
1,2,3,7,8,9-HxCDF	ND(0.000058) J	ND(0.000047) J	ND(0.000014)	ND(0.000012)	ND(0.000026)	ND(0.000013)
2,3,4,6,7,8-HxCDF	ND(0.000052) J	ND(0.000042) J	0.000026	0.000028	0.000010	0.000033
HxCDFs (total)	0.000078 J	0.000085 J	0.00012	0.000095	0.00026	0.000084
1,2,3,4,6,7,8-HpCDF	0.000066 J	0.000014 J	0.000039	0.000039	0.00017	0.000017
1,2,3,4,7,8,9-HpCDF	0.000023 J	ND(0.000044) J	ND(0.000099) X	0.000067	0.000055	ND(0.000019)
HpCDFs (total)	0.00014 J	0.000031 J	0.000039	0.000045	0.00032	0.000017
OCDF	0.00042 J	0.000053 J	0.00015	0.00010	0.00099	0.000073

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-23-SB-3 0-1 06/27/03	I9-9-23-SB-3 1-3 06/27/03	I9-9-24-SB-1 0-1 07/01/03	I9-9-24-SB-1 1-3 07/01/03	I9-9-24-SB-2 0-1 07/01/03	I9-9-24-SB-2 3-5 07/01/03
Dioxins						
2,3,7,8-TCDD	ND(0.0000050)	ND(0.0000038)	ND(0.0000086)	ND(0.0000010)	ND(0.0000010) J	ND(0.0000084) J
TCDDs (total)	ND(0.0000050)	ND(0.0000038)	ND(0.0000086)	ND(0.0000010)	ND(0.0000010)	ND(0.0000084)
1,2,3,7,8-PeCDD	ND(0.0000083)	ND(0.0000066)	ND(0.0000024)	ND(0.0000025)	ND(0.0000032)	ND(0.0000021)
PeCDDs (total)	ND(0.0000083)	ND(0.0000066)	ND(0.0000024)	ND(0.0000025)	ND(0.0000032)	ND(0.0000021)
1,2,3,4,7,8-HxCDD	ND(0.0000068)	ND(0.0000055)	ND(0.0000021)	ND(0.0000019)	ND(0.0000033)	ND(0.0000020)
1,2,3,6,7,8-HxCDD	ND(0.0000054)	ND(0.0000044)	ND(0.0000019)	ND(0.0000017)	ND(0.0000030)	ND(0.0000018)
1,2,3,7,8,9-HxCDD	ND(0.0000056)	ND(0.0000046)	ND(0.0000019)	ND(0.0000017)	ND(0.000011) X	ND(0.0000018)
HxCDDs (total)	ND(0.0000054)	ND(0.0000044)	ND(0.0000019)	ND(0.0000017)	ND(0.0000030)	ND(0.0000018)
1,2,3,4,6,7,8-HpCDD	0.000076 J	0.000030 J	0.000070	0.00012	0.000045	0.000011
HpCDDs (total)	0.00014 J	0.000056 J	0.00016	0.00023	0.000045	0.000019
OCDD	0.00071 J	0.00024 J	0.00049	0.00078	0.00035	0.000098
Total TEQs (WHO TEFs)	0.000015	0.000012	0.000012	0.000011	0.000028	0.000065
Inorganics						
Antimony	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	5.00	11.0	6.30	7.30	6.80	4.40
Barium	35.0	62.0	58.0	76.0	110	40.0
Beryllium	ND(0.500)	ND(0.500)	0.280 B	0.300 B	0.330 B	0.260 B
Cadmium	0.560	2.60	0.330 B	0.350 B	0.470 B	ND(0.500)
Chromium	5.60	9.40	7.90	9.70	9.60	8.30
Cobalt	5.10	9.40	8.60	6.20	6.60	8.80
Copper	22.0	36.0	39.0	100	34.0	23.0
Cyanide	0.0740 B	0.110 B	0.460	0.120 B	0.220	0.0590 B
Lead	47.0	98.0	120	220	360	51.0
Mercury	0.360	0.170	0.240	0.670	0.320	0.140
Nickel	10.0	16.0	13.0	12.0	11.0	13.0
Selenium	ND(1.00) J	ND(1.00) J	ND(1.00) J	ND(1.00) J	ND(1.00) J	ND(1.00) J
Silver	ND(1.00)	0.190 B	ND(1.00)	0.150 B	0.200 B	0.140 B
Sulfide	6.70	7.20	9.00	290	ND(6.20)	63.0
Thallium	ND(1.00) J	ND(1.10) J	ND(1.40)	ND(1.30)	ND(1.20)	ND(1.30)
Tin	ND(10.0)	ND(10.0)	ND(12.0)	30.0	ND(10.0)	ND(10.0)
Vanadium	5.20	11.0	8.50	12.0	10.0	7.60
Zinc	86.0	510	160	240	140	88.0

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	19-9-25-SB-5 0-1 07/03/03	19-9-25-SB-5 1-3 07/03/03	19-9-25-SB-6 0-1 07/03/03	19-9-25-SB-6 1-3 07/03/03	19-9-30-SB-5 0-1 07/07/03
Volatile Organics					
2-Butanone	ND(0.013)	ND(0.012)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
Acetone	ND(0.025)	ND(0.025)	ND(0.021)	ND(0.021) [ND(0.021)]	0.019 J
Chlorobenzene	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]	ND(0.0052)
Ethylbenzene	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]	ND(0.0052)
Toluene	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]	ND(0.0052)
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]	ND(0.35)
1,3-Dichlorobenzene	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]	ND(0.35)
1,4-Dichlorobenzene	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]	ND(0.35)
1,4-Naphthoquinone	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]	ND(0.70)
2,4-Dimethylphenol	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]	ND(0.35)
2,4-Dinitrotoluene	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]	ND(0.35)
2-Chloronaphthalene	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]	ND(0.35)
2-Methylnaphthalene	0.17 J	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]	ND(0.35)
2-Methylphenol	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]	ND(0.35)
3&4-Methylphenol	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]	ND(0.70)
3,3'-Dichlorobenzidine	ND(1.3)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.77)]	ND(0.70)
Acenaphthene	0.77	ND(0.41)	ND(0.35)	0.30 J [ND(0.39)]	ND(0.35)
Acenaphthylene	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]	ND(0.35)
Aniline	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]	ND(0.35)
Anthracene	0.95	ND(0.41)	ND(0.35)	0.26 J [0.15 J]	ND(0.35)
Benzo(a)anthracene	3.0	0.32 J	ND(0.35)	0.92 J [0.43 J]	ND(0.35)
Benzo(a)pyrene	2.6	0.36 J	ND(0.35)	0.82 J [0.42 J]	ND(0.35)
Benzo(b)fluoranthene	2.5	0.34 J	ND(0.35)	0.72 J [0.40 J]	ND(0.35)
Benzo(g,h,i)perylene	1.8	0.31 J	ND(0.35)	0.49 [0.30 J]	ND(0.35)
Benzo(k)fluoranthene	2.6	0.33 J	ND(0.35)	0.78 J [0.38 J]	ND(0.35)
Benzyl Alcohol	ND(1.3)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.77)]	ND(0.70)
bis(2-Ethylhexyl)phthalate	0.85	0.61	ND(0.34)	ND(0.35) [ND(0.35)]	ND(0.35)
Butylbenzylphthalate	10	46	ND(0.35)	0.40 [0.53]	ND(0.35)
Chrysene	3.7	0.41	ND(0.35)	1.1 J [0.45 J]	ND(0.35)
Dibenzo(a,h)anthracene	0.48 J	ND(0.41)	ND(0.35)	0.12 J [ND(0.39)]	ND(0.35)
Dibenzofuran	0.34 J	ND(0.41)	ND(0.35)	0.13 J [ND(0.39)]	ND(0.35)
Di-n-Butylphthalate	0.50 J	0.25 J	ND(0.35)	ND(0.35) [ND(0.39)]	ND(0.35)
Fluoranthene	7.9	0.64	ND(0.35)	2.3 J [0.99 J]	ND(0.35)
Fluorene	0.60 J	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]	ND(0.35)
Hexachlorophene	ND(1.3) J	ND(0.83) J	ND(0.70) J	ND(0.71) J [ND(0.77) J]	ND(0.70) J
Indeno(1,2,3-cd)pyrene	1.5	ND(0.41)	ND(0.35)	0.43 J [0.25 J]	ND(0.35)
Naphthalene	0.19 J	ND(0.41)	ND(0.35)	0.097 J [ND(0.39)]	ND(0.35)
Nitrobenzene	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]	ND(0.35)
p-Dimethylaminoazobenzene	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]	ND(0.70)
Phenanthrene	5.2	0.32 J	ND(0.35)	1.8 J [0.67 J]	ND(0.35)
Phenol	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]	ND(0.35)
Pyrene	6.0	0.58 J	ND(0.35)	1.9 J [0.82 J]	ND(0.35)
Furans					
2,3,7,8-TCDF	ND(0.0000011)	ND(0.0000013)	ND(0.0000078)	ND(0.0000092) [ND(0.0000096)]	ND(0.0000014) Y
TCDFs (total)	0.0000086	ND(0.0000013)	ND(0.0000078)	ND(0.0000092) [ND(0.0000096)]	0.0000032
1,2,3,7,8-PeCDF	ND(0.0000080)	ND(0.0000068)	ND(0.0000011) X	ND(0.0000074) [ND(0.0000071)]	ND(0.0000061)
2,3,4,7,8-PeCDF	ND(0.0000085)	ND(0.0000072)	ND(0.0000058)	ND(0.0000079) [ND(0.0000076)]	ND(0.0000065)
PeCDFs (total)	0.000012	0.000016	0.0000027	ND(0.0000074) [ND(0.0000071)]	0.0000069
1,2,3,4,7,8-HxCDF	0.000024 I	0.000013 I	0.0000052 I	0.0000028 IJ [0.0000056 IJ]	0.0000086
1,2,3,6,7,8-HxCDF	0.000016	ND(0.0000099)	0.0000016	0.0000099 J [0.0000023 J]	ND(0.0000088) X
1,2,3,7,8,9-HxCDF	ND(0.0000083)	ND(0.0000013)	ND(0.0000055)	ND(0.0000074) [ND(0.0000063)]	ND(0.0000040)
2,3,4,6,7,8-HxCDF	ND(0.0000071)	ND(0.0000011)	0.0000068	ND(0.0000093) X [ND(0.0000054)]	ND(0.0000035)
HxCDFs (total)	0.000036	0.000013	0.000013	0.0000096 J [0.000016 J]	0.000020
1,2,3,4,6,7,8-HpCDF	0.000020	ND(0.000015) X	0.000018	0.000012 [0.000019]	ND(0.000012) X
1,2,3,4,7,8,9-HpCDF	ND(0.0000014)	ND(0.0000013)	0.0000040	0.0000030 [0.0000041]	ND(0.0000014) X
HpCDFs (total)	0.000020	ND(0.0000010)	0.000031	0.000016 [0.000023]	ND(0.0000041)
OCDF	0.000058	0.000044	0.00011	0.000068 [0.000083]	0.000056

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-25-SB-5 0-1 07/03/03	I9-9-25-SB-5 1-3 07/03/03	I9-9-25-SB-6 0-1 07/03/03	I9-9-25-SB-6 1-3 07/03/03	I9-9-30-SB-5 0-1 07/07/03
Dioxins					
2,3,7,8-TCDD	ND(0.0000084) J	ND(0.0000072) J	ND(0.0000043) J	ND(0.0000057) J [ND(0.0000055) J]	ND(0.0000047) J
TCDDs (total)	ND(0.0000084) J	ND(0.0000072) J	ND(0.0000043) J	ND(0.0000057) J [ND(0.0000055) J]	ND(0.0000047) J
1,2,3,7,8-PeCDD	ND(0.0000014)	ND(0.0000010)	ND(0.0000060)	ND(0.0000069) [ND(0.0000072)]	ND(0.0000051)
PeCDDs (total)	ND(0.0000014)	ND(0.0000010)	ND(0.0000060)	ND(0.0000069) [ND(0.0000072)]	ND(0.0000051)
1,2,3,4,7,8-HxCDD	ND(0.0000085)	ND(0.0000081)	ND(0.0000060)	ND(0.0000056) [ND(0.0000061)]	ND(0.0000034)
1,2,3,6,7,8-HxCDD	0.0000024	ND(0.0000074)	ND(0.0000054)	0.0000023 [0.0000037]	ND(0.0000031)
1,2,3,7,8,9-HxCDD	ND(0.0000034) X	ND(0.0000074)	ND(0.0000054)	0.0000019 [ND(0.0000029) X]	ND(0.0000031)
HxCDDs (total)	0.0000024	ND(0.0000074)	ND(0.0000054)	0.0000042 [0.0000037]	ND(0.0000031)
1,2,3,4,6,7,8-HpCDD	0.000037	0.000024	0.000067	0.000026 [0.000041]	0.000061
HpCDDs (total)	0.000061	0.000043	0.000012	0.000043 [0.000068]	0.000011
OCDD	0.00021	0.00017	0.000036	0.00013 [0.00020]	0.000045
Total TEQs (WHO TEFs)	0.000051	0.000030	0.000019	0.000022 [0.000030]	0.000019
Inorganics					
Antimony	1.80 B	1.60 B	1.70 B	1.40 B [1.40 B]	ND(6.00)
Arsenic	3.60	2.60	2.30	3.10 [2.50]	2.40
Barium	57.0	64.0	ND(20.0)	25.0 [30.0]	33.0
Beryllium	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500) [ND(0.500)]	0.200 B
Cadmium	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500) [ND(0.500)]	0.110 B
Chromium	11.0	12.0	3.90	5.30 [4.10]	7.40
Cobalt	5.30	9.60	3.40 B	4.00 B [4.00 B]	5.70
Copper	22.0	20.0	8.40	14.0 [8.90]	14.0
Cyanide	0.120 B	0.100 B	ND(0.520)	ND(0.530) [ND(0.530)]	0.130
Lead	35.0 J	48.0 J	4.20 J	24.0 J [13.0 J]	13.0
Mercury	0.00800 B	ND(0.120)	ND(0.100)	0.00740 B [ND(0.100)]	0.200
Nickel	17.0	13.0	6.60	7.40 [6.90]	10.0
Selenium	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00) [ND(1.00)]	ND(1.00) J
Silver	ND(1.00)	0.140 B	ND(1.00)	ND(1.00) [ND(1.00)]	ND(1.00)
Sulfide	1300 J	7.90 J	2900 J	36.0 J [2900 J]	310
Thallium	ND(1.30) J	ND(1.20) J	ND(1.00) J	ND(1.00) J [ND(1.00) J]	ND(1.00)
Tin	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0) [ND(10.0)]	ND(10.0)
Vanadium	8.00	6.40	4.40 B	5.60 [4.50 B]	8.00
Zinc	99.0	95.0	26.0	44.0 [32.0]	35.0

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-30-SB-5 1-3 07/07/03	I9-9-30-SB-6 0-1 07/07/03	I9-9-30-SB-6 1-3 07/07/03	I9-9-31-SB-2 0-1 07/07/03	I9-9-31-SB-2 1-3 07/07/03	I9-9-31-SB-3 0-1 07/07/03
Volatile Organics						
2-Butanone	ND(0.011)	ND(0.012)	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.011)
Acetone	0.015 J	0.013 J	ND(0.024)	ND(0.021)	ND(0.022)	ND(0.022)
Chlorobenzene	ND(0.0057) J	ND(0.0061)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Ethylbenzene	ND(0.0057) J	ND(0.0061)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Toluene	ND(0.0057) J	ND(0.0061)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Semivolatile Organics						
1,2,4-Trichlorobenzene	ND(0.38)	ND(0.76)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
1,3-Dichlorobenzene	ND(0.38)	ND(0.76)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
1,4-Dichlorobenzene	ND(0.38)	ND(0.76)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
1,4-Naphthoquinone	ND(0.76)	ND(0.81)	ND(0.79)	ND(0.72)	ND(0.73)	ND(0.72)
2,4-Dimethylphenol	ND(0.38)	ND(0.76)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
2,4-Dinitrotoluene	ND(0.38)	ND(0.76)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
2-Chloronaphthalene	ND(0.38)	ND(0.76)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
2-Methylnaphthalene	ND(0.38)	ND(0.76)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
2-Methylphenol	ND(0.38)	ND(0.76)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
3&4-Methylphenol	ND(0.76)	ND(0.81)	ND(0.79)	ND(0.72)	ND(0.73)	ND(0.72)
3,3'-Dichlorobenzidine	ND(0.76)	ND(1.5)	ND(0.79)	ND(0.72)	ND(0.73)	ND(0.72)
Acenaphthene	ND(0.38)	ND(0.76)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
Acenaphthylene	ND(0.38)	ND(0.76)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
Aniline	ND(0.38)	ND(0.76)	ND(0.39)	ND(0.36)	0.079 J	ND(0.36)
Anthracene	ND(0.38)	ND(0.76)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
Benzo(a)anthracene	ND(0.38)	0.21 J	ND(0.39)	ND(0.36)	0.10 J	0.11 J
Benzo(a)pyrene	ND(0.38)	0.24 J	ND(0.39)	ND(0.36)	0.13 J	0.12 J
Benzo(b)fluoranthene	ND(0.38)	0.25 J	ND(0.39)	ND(0.36)	0.12 J	0.11 J
Benzo(g,h,i)perylene	ND(0.38)	0.26 J	ND(0.39)	ND(0.36)	ND(0.36)	0.095 J
Benzo(k)fluoranthene	ND(0.38)	0.22 J	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
Benzyl Alcohol	ND(0.76)	ND(1.5)	ND(0.79)	ND(0.72)	ND(0.73)	ND(0.72)
bis(2-Ethylhexyl)phthalate	ND(0.37)	ND(0.40)	ND(0.39)	ND(0.35)	ND(0.36)	0.99
Butylbenzylphthalate	ND(0.38)	ND(0.76)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
Chrysene	0.096 J	0.23 J	0.11 J	0.079 J	0.14 J	0.14 J
Dibenzo(a,h)anthracene	ND(0.38)	ND(0.76)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
Dibenzofuran	ND(0.38)	ND(0.76)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
Di-n-Butylphthalate	ND(0.38)	ND(0.76)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
Fluoranthene	0.17 J	0.37 J	0.22 J	0.12 J	0.22 J	0.26 J
Fluorene	ND(0.38)	ND(0.76)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
Hexachlorophene	ND(0.76) J	ND(1.5) J	ND(0.79) J	ND(0.72) J	ND(0.73) J	ND(0.72) J
Indeno(1,2,3-cd)pyrene	ND(0.38)	0.18 J	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
Naphthalene	ND(0.38)	ND(0.76)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
Nitrobenzene	ND(0.38)	ND(0.76)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
p-Dimethylaminoazobenzene	ND(0.76)	ND(0.81)	ND(0.79)	ND(0.72)	ND(0.73)	ND(0.72)
Phenanthrene	0.11 J	ND(0.76)	0.11 J	ND(0.36)	0.090 J	0.14 J
Phenol	ND(0.38)	ND(0.76)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
Pyrene	0.13 J	0.42 J	0.23 J	0.097 J	0.20 J	0.22 J
Furans						
2,3,7,8-TCDF	0.000097 Y	0.000021 Y	0.000013 Y	0.000012 Y	0.000010 Y	0.000016 Y
TCDFs (total)	0.00050	0.00014	0.00012	0.000080	0.000059	0.000092
1,2,3,7,8-PeCDF	0.000044	0.000016	0.0000082	0.000011	0.0000044	0.0000082
2,3,4,7,8-PeCDF	0.00011	0.000022	0.0000092	ND(0.0000061) X	0.0000037	0.0000072
PeCDFs (total)	0.00068	0.00021	0.00014	0.000069	0.000058	0.000059
1,2,3,4,7,8-HxCDF	0.00017 I	0.00016 I	0.00013 I	0.000048 I	0.000040 I	0.000063 I
1,2,3,6,7,8-HxCDF	0.000033	0.000011	0.0000074	0.0000077	0.0000040	0.0000053
1,2,3,7,8,9-HxCDF	0.000041	ND(0.0000032)	ND(0.0000071)	ND(0.0000067)	ND(0.0000066)	ND(0.0000066)
2,3,4,6,7,8-HxCDF	0.000035	ND(0.000012) X	ND(0.0000085) X	0.0000027	0.0000024	ND(0.0000040) X
HxCDFs (total)	0.00050	0.00032	0.00030	0.00011	0.000085	0.00014
1,2,3,4,6,7,8-HpCDF	0.00016	0.000064	0.000059	0.000025	0.000020	0.000023
1,2,3,4,7,8,9-HpCDF	0.000039	0.000014	ND(0.000012) X	0.0000038	0.0000039	ND(0.0000031) X
HpCDFs (total)	0.00023	0.000085	0.000065	0.000031	0.000026	0.000023
OCDF	0.011	0.00038	0.00033	0.000060	0.000064	0.000053

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-30-SB-5 1-3 07/07/03	I9-9-30-SB-6 0-1 07/07/03	I9-9-30-SB-6 1-3 07/07/03	I9-9-31-SB-2 0-1 07/07/03	I9-9-31-SB-2 1-3 07/07/03	I9-9-31-SB-3 0-1 07/07/03
Dioxins						
2,3,7,8-TCDD	ND(0.0000078) J	ND(0.0000066) J	ND(0.0000062)	ND(0.000012) J	ND(0.0000057) J	ND(0.0000070) J
TCDDs (total)	0.000058 J	0.000040 J	ND(0.0000062)	0.000034 J	ND(0.0000057) J	ND(0.0000070) J
1,2,3,7,8-PeCDD	ND(0.0000012)	ND(0.0000011)	ND(0.0000012)	0.000031	ND(0.0000082)	ND(0.0000011)
PeCDDs (total)	ND(0.0000012)	ND(0.0000011)	ND(0.0000012)	0.000031	ND(0.0000082)	ND(0.0000011)
1,2,3,4,7,8-HxCDD	ND(0.0000099)	ND(0.0000087)	ND(0.0000080)	ND(0.0000058)	ND(0.0000059)	ND(0.0000069)
1,2,3,6,7,8-HxCDD	ND(0.0000046) X	0.0000036	0.0000035	0.000052	ND(0.0000053)	ND(0.0000063)
1,2,3,7,8,9-HxCDD	ND(0.0000048) X	0.0000039	0.0000038	0.000020	ND(0.0000054)	ND(0.0000063)
HxCDDs (total)	ND(0.0000090)	0.0000076	0.0000073	0.000072	ND(0.0000053)	ND(0.0000063)
1,2,3,4,6,7,8-HpCDD	0.000029	0.000049	0.000052	0.000014	0.000073	0.000013
HpCDDs (total)	0.000055	0.000091	0.000090	0.000022	0.000014	0.000025
OCDD	0.00021	0.00046	0.00057	0.00062	0.00046	0.00075
Total TEQs (WHO TEFs)	0.000096	0.000035	0.000023	0.000014	0.000088	0.000014
Inorganics						
Antimony	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	7.60	11.0	5.40	5.40	5.90	5.60
Barium	63.0	110	61.0	44.0	55.0	43.0
Beryllium	0.280 B	0.210 B	0.220 B	0.180 B	0.190 B	0.220 B
Cadmium	0.440 B	0.920	0.930	0.270 B	0.330 B	0.500
Chromium	13.0	27.0	12.0	6.80	7.10	6.80
Cobalt	5.10	12.0	8.20	5.20	6.10	5.30
Copper	30.0	78.0	46.0	20.0	23.0	23.0
Cyanide	0.290	0.300	0.160	0.0920 B	0.100 B	0.130
Lead	100	190	150	190	190	210
Mercury	0.130	0.130	0.170	0.280	0.360	0.350
Nickel	11.0	23.0	18.0	9.50	10.0	10.0
Selenium	ND(1.00) J	ND(1.00) J	ND(1.00) J	ND(1.00) J	ND(1.00) J	0.560 J
Silver	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	0.120 B
Sulfide	9.10	ND(6.10)	28.0	ND(5.40)	8.70	26.0
Thallium	ND(1.10)	ND(1.20)	ND(1.20)	ND(1.10) J	ND(1.10) J	ND(1.10) J
Tin	ND(10.0)	30.0	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium	12.0	12.0	11.0	8.20	8.20	8.30
Zinc	99.0	2300	390	71.0	83.0	130

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	19-9-31-SB-3 1-3 07/07/03	19-9-32-SB-2 0-1 07/07/03	19-9-32-SB-2 1-3 07/07/03	19-9-32-SB-3 0-1 07/07/03	19-9-32-SB-3 1-3 07/07/03	19-9-33-SB-2 0-1 07/08/03
Volatile Organics						
2-Butanone	ND(0.011)	ND(0.013)	ND(0.016)	ND(0.010)	ND(0.010) J	ND(0.010)
Acetone	0.025	0.033	ND(0.032)	0.022	0.055 J	ND(0.021)
Chlorobenzene	ND(0.0054)	ND(0.0067)	ND(0.0080)	ND(0.0052)	ND(0.0052) J	ND(0.0052)
Ethylbenzene	ND(0.0054)	ND(0.0067)	ND(0.0080)	ND(0.0052)	ND(0.0052) J	ND(0.0052)
Toluene	ND(0.0054)	ND(0.0067)	ND(0.0080)	ND(0.0052)	ND(0.0052) J	ND(0.0052)
Semivolatile Organics						
1,2,4-Trichlorobenzene	ND(0.36)	ND(0.45)	R	ND(0.34)	ND(0.35)	ND(0.35)
1,3-Dichlorobenzene	ND(0.36)	ND(0.45)	R	ND(0.34)	ND(0.35)	ND(0.35)
1,4-Dichlorobenzene	ND(0.36)	ND(0.45)	R	ND(0.34)	ND(0.35)	ND(0.35)
1,4-Naphthoquinone	ND(0.72)	ND(0.90)	R	ND(0.69)	ND(0.70)	ND(0.70)
2,4-Dimethylphenol	ND(0.36)	ND(0.45)	R	ND(0.34)	ND(0.35)	ND(0.35)
2,4-Dinitrotoluene	ND(0.36)	ND(0.45)	R	ND(0.34)	ND(0.35)	ND(0.35)
2-Chloronaphthalene	ND(0.36)	ND(0.45)	R	ND(0.34)	ND(0.35)	ND(0.35)
2-Methylnaphthalene	ND(0.36)	ND(0.45)	R	ND(0.34)	1.2	ND(0.35)
2-Methylphenol	ND(0.36)	ND(0.45)	R	ND(0.34)	ND(0.35)	ND(0.35)
3&4-Methylphenol	ND(0.72)	ND(0.90)	R	ND(0.69)	ND(0.70)	ND(0.70)
3,3'-Dichlorobenzidine	ND(0.72)	ND(0.90)	R	ND(0.69)	ND(0.70)	ND(0.70)
Acenaphthene	ND(0.36)	ND(0.45)	1.5 J	ND(0.34)	0.86 J	ND(0.35)
Acenaphthylene	0.12 J	0.10 J	R	ND(0.34)	3.8	ND(0.35)
Aniline	0.10 J	ND(0.45)	0.22 J	ND(0.34)	ND(0.35)	ND(0.35)
Anthracene	0.074 J	ND(0.45)	R	ND(0.34)	3.6	ND(0.35)
Benzo(a)anthracene	0.18 J	ND(0.45)	R	ND(0.34)	8.4	0.14 J
Benzo(a)pyrene	0.21 J	ND(0.45)	R	ND(0.34)	8.3	0.20 J
Benzo(b)fluoranthene	0.18 J	ND(0.45)	R	ND(0.34)	5.7	0.13 J
Benzo(g,h,i)perylene	ND(0.36)	ND(0.45)	R	ND(0.34)	5.4	0.17 J
Benzo(k)fluoranthene	0.21 J	ND(0.45)	R	ND(0.34)	7.5	0.088 J
Benzyl Alcohol	ND(0.72)	ND(0.90)	R	ND(0.69)	ND(0.70)	ND(0.70)
bis(2-Ethylhexyl)phthalate	ND(0.36)	ND(0.44)	R	ND(0.34)	ND(0.34)	ND(0.34)
Butylbenzylphthalate	ND(0.36)	0.52	R	0.50	ND(0.35)	ND(0.35)
Chrysene	0.20 J	ND(0.45)	R	ND(0.34)	9.2	0.19 J
Dibenzo(a,h)anthracene	ND(0.36)	ND(0.45)	R	ND(0.34)	1.1	ND(0.35)
Dibenzofuran	ND(0.36)	ND(0.45)	R	ND(0.34)	0.84	ND(0.35)
Di-n-Butylphthalate	ND(0.36)	ND(0.45)	R	ND(0.34)	ND(0.35)	ND(0.35)
Fluoranthene	0.42	0.15 J	0.14 J	0.081 J	19	0.31 J
Fluorene	ND(0.36)	ND(0.45)	R	ND(0.34)	1.8	ND(0.35)
Hexachlorophene	ND(0.72) J	ND(0.90) J	R	ND(0.69) J	ND(0.70) J	ND(0.70) J
Indeno(1,2,3-cd)pyrene	ND(0.36)	ND(0.45)	R	ND(0.34)	4.2	0.10 J
Naphthalene	ND(0.36)	ND(0.45)	R	ND(0.34)	1.2	ND(0.35)
Nitrobenzene	ND(0.36)	ND(0.45)	R	ND(0.34)	ND(0.35)	ND(0.35)
p-Dimethylaminoazobenzene	ND(0.72)	ND(0.90)	R	ND(0.69)	ND(0.70)	ND(0.70)
Phenanthrene	0.34 J	0.098 J	R	ND(0.34)	13	0.13 J
Phenol	ND(0.36)	ND(0.45)	R	ND(0.34)	ND(0.35)	0.20 J
Pyrene	0.35 J	0.15 J	0.15 J	0.084 J	23	0.29 J
Furans						
2,3,7,8-TCDF	0.000027 Y	0.000028 Y	ND(0.00027) XY	0.000040 Y	0.000016 Y	ND(0.000010)
TCDFs (total)	0.00016	0.000034	0.00046	0.00018	0.00014	0.00019
1,2,3,7,8-PeCDF	0.000011	0.000033	0.00036 I	ND(0.0000078)	ND(0.000015) X	ND(0.000011)
2,3,4,7,8-PeCDF	0.000010	ND(0.000019) X	0.000072	0.000021	0.000014	ND(0.000038) X
PeCDFs (total)	0.000088	0.000035	0.00060	0.000021	0.00028	0.00013
1,2,3,4,7,8-HxCDF	0.00011 I	0.000033 I	0.0042 I	0.000018 I	0.00020 I	0.00032 I
1,2,3,6,7,8-HxCDF	0.000094	0.000033	0.00015	ND(0.000026) X	0.000015	ND(0.000037) X
1,2,3,7,8,9-HxCDF	ND(0.000010)	ND(0.0000074)	ND(0.000022) X	ND(0.0000080)	ND(0.0000097)	ND(0.0000061)
2,3,4,6,7,8-HxCDF	ND(0.000045) X	0.000022	0.000054	ND(0.000011) X	0.000013	ND(0.000059) X
HxCDFs (total)	0.00022	0.000081	0.0058	0.00034	0.00048	0.00014
1,2,3,4,6,7,8-HpCDF	0.000035	0.000029	0.00044	0.000021	0.00010	0.000039
1,2,3,4,7,8,9-HpCDF	ND(0.000056) X	0.000074	0.00015	0.000043	0.000085	ND(0.0000077)
HpCDFs (total)	0.000035	0.000036	0.00062	0.00025	0.00012	0.000039
OCDF	0.000072	0.00028	0.00043	0.00013	0.00025	0.00013

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-31-SB-3 1-3 07/07/03	I9-9-32-SB-2 0-1 07/07/03	I9-9-32-SB-2 1-3 07/07/03	I9-9-32-SB-3 0-1 07/07/03	I9-9-32-SB-3 1-3 07/07/03	I9-9-33-SB-2 0-1 07/08/03
Dioxins						
2,3,7,8-TCDD	ND(0.00000069) J	ND(0.00000065) J	ND(0.00000028)	ND(0.00000062) J	ND(0.00000055) J	ND(0.00000050) J
TCDDs (total)	0.0000060 J	ND(0.00000065) J	0.000087	ND(0.00000062) J	ND(0.00000055) J	ND(0.00000050) J
1,2,3,7,8-PeCDD	ND(0.0000012)	ND(0.0000010)	ND(0.000017)	ND(0.00000084)	ND(0.0000011)	ND(0.00000070)
PeCDDs (total)	ND(0.0000012)	ND(0.0000010)	ND(0.000017)	ND(0.00000084)	ND(0.0000011)	ND(0.00000070)
1,2,3,4,7,8-HxCDD	ND(0.00000085)	ND(0.00000085)	0.000058	ND(0.00000070)	ND(0.0000011)	ND(0.0000018) X
1,2,3,6,7,8-HxCDD	ND(0.00000077)	0.0000022	0.000061	ND(0.00000064)	0.0000046	0.0000049
1,2,3,7,8,9-HxCDD	ND(0.00000078)	ND(0.00000039) X	0.000056	ND(0.00000064)	0.0000035	0.0000047
HxCDDs (total)	0.0000026	0.0000022	0.00017	ND(0.00000064)	0.0000081	0.0000096
1,2,3,4,6,7,8-HpCDD	0.000015	0.000060	0.00032	0.000010	0.000019	0.00016
HpCDDs (total)	0.000030	0.00016	0.00063	0.000021	0.000041	0.00024
OCDD	0.000091	0.00052	0.00084	0.000076	0.00010	0.0012
Total TEQs (WHO TEFs)	0.000022	0.000071	0.00055	0.000047	0.000035	0.000085
Inorganics						
Antimony	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	0.920 B
Arsenic	6.80	3.30	6.60	5.00	4.60	2.60
Barium	49.0	56.0	43.0	38.0	30.0	22.0
Beryllium	0.200 B	0.200 B	0.240 B	0.150 B	0.140 B	0.140 B
Cadmium	0.340 B	0.680	8.80	0.480 B	0.430 B	0.480 B
Chromium	8.20	10.0	30.0	7.60	6.00	7.80
Cobalt	6.30	6.00	5.70	6.90	5.50	4.10 B
Copper	24.0	26.0	220	21.0	20.0	19.0
Cyanide	0.170	0.710	0.460	0.100	0.0940 B	0.130 B
Lead	220	35.0	240	100	67.0	33.0
Mercury	0.390	0.0480 B	0.700	0.100 B	1.50	0.0580 B
Nickel	12.0	13.0	46.0	12.0	9.40	9.70
Selenium	ND(1.00) J	ND(1.00) J	ND(1.20) J	ND(1.00) J	ND(1.00) J	ND(1.00) J
Silver	ND(1.00)	ND(1.00)	4.30	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	ND(5.40)	1400	640	12.0	6.60	250
Thallium	ND(1.10) J	ND(1.30) J	ND(1.60) J	ND(1.00) J	ND(1.00) J	ND(1.00) J
Tin	ND(10.0)	ND(10.0)	41.0	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium	9.20	8.30	14.0	5.30	5.40	7.00
Zinc	80.0	150	310	120	55.0	77.0

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-33-SB-2 1-3 07/08/03	I9-9-33-SB-5 0-1 07/08/03	I9-9-33-SB-5 1-3 07/08/03	I9-9-33-SB-6 0-1 07/08/03	I9-9-33-SB-6 1-3 07/08/03	I9-9-101-SB-2 0-1 06/24/03
Volatile Organics						
2-Butanone	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.010)	ND(0.010)	ND(0.011)
Acetone	ND(0.022)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.022)
Chlorobenzene	ND(0.0055)	ND(0.0054)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.0056)
Ethylbenzene	ND(0.0055)	ND(0.0054)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.0056)
Toluene	ND(0.0055)	ND(0.0054)	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.0056)
Semivolatile Organics						
1,2,4-Trichlorobenzene	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.37)
1,3-Dichlorobenzene	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.37)
1,4-Dichlorobenzene	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.37)
1,4-Naphthoquinone	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.70)	ND(0.70)	ND(0.75)
2,4-Dimethylphenol	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.37)
2,4-Dinitrotoluene	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.37)
2-Chloronaphthalene	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.37)
2-Methylnaphthalene	ND(0.36)	ND(0.36)	0.12 J	ND(0.35)	ND(0.35)	ND(0.37)
2-Methylphenol	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.37)
3&4-Methylphenol	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.70)	ND(0.70)	ND(0.75)
3,3'-Dichlorobenzidine	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.70)	ND(0.70)	ND(0.75)
Acenaphthene	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.37)
Acenaphthylene	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.35)	0.079 J	ND(0.37)
Aniline	0.089 J	0.27 J	0.24 J	0.12 J	0.17 J	ND(0.37)
Anthracene	0.14 J	0.10 J	0.12 J	ND(0.35)	0.099 J	ND(0.37)
Benzo(a)anthracene	0.35 J	0.35 J	0.45	0.17 J	0.29 J	0.17 J
Benzo(a)pyrene	0.27 J	0.36 J	0.49	0.19 J	0.35 J	0.17 J
Benzo(b)fluoranthene	0.27 J	0.33 J	0.35 J	0.19 J	0.38	0.14 J
Benzo(g,h,i)perylene	0.20 J	0.68	1.3	0.20 J	0.42	ND(0.37)
Benzo(k)fluoranthene	0.21 J	0.28 J	0.19 J	0.16 J	0.20 J	0.15 J
Benzyl Alcohol	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.70)	ND(0.70)	ND(0.75)
bis(2-Ethylhexyl)phthalate	ND(0.36)	ND(0.35)	ND(0.35)	0.42	ND(0.34)	ND(0.37)
Butylbenzylphthalate	0.53	9.6	1.7	11	8.9	ND(0.37)
Chrysene	0.37	0.40	0.55	0.22 J	0.40	0.18 J
Dibenzo(a,h)anthracene	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.37)
Dibenzofuran	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.37)
Di-n-Butylphthalate	ND(0.36)	0.11 J	ND(0.36)	ND(0.35)	0.073 J	ND(0.37)
Fluoranthene	0.90	0.78	0.80	0.39	0.60	0.35 J
Fluorene	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.37)
Hexachlorophene	ND(0.73) J	ND(0.72) J	ND(0.71) J	ND(0.70) J	ND(0.70) J	ND(0.75) J
Indeno(1,2,3-cd)pyrene	0.18 J	0.27 J	0.32 J	ND(0.35)	0.27 J	ND(0.37)
Naphthalene	ND(0.36)	ND(0.36)	0.11 J	ND(0.35)	ND(0.35)	ND(0.37)
Nitrobenzene	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.37)
p-Dimethylaminoazobenzene	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.70)	ND(0.70)	ND(0.75)
Phenanthrene	0.56	0.33 J	0.55	0.20 J	0.35	0.17 J
Phenol	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.37)
Pyrene	0.71	0.66	0.82	0.33 J	0.51	0.34 J
Furans						
2,3,7,8-TCDF	0.000026 YEJl	0.000082 YEJl	0.000068 YEJl	0.000031 YEJl	0.000058 YEJl	ND(0.000018) Y
TCDFs (total)	0.00032	0.0017	0.0014	0.00057	0.00072	0.000043
1,2,3,7,8-PeCDF	ND(0.000014) X	0.00011	0.000078	0.000023	ND(0.000041) X	0.000037
2,3,4,7,8-PeCDF	0.000014	0.000099	ND(0.000088) X	0.000035	0.000049	ND(0.000013)
PeCDFs (total)	0.00044	0.0022	0.0020	0.0021	0.0020	0.000037
1,2,3,4,7,8-HxCDF	0.00012 l	0.0010 l	0.00061 l	0.00013 l	0.00023 l	0.000015 l
1,2,3,6,7,8-HxCDF	0.000013	0.000094	0.000087	ND(0.000034) X	0.000049	0.000041
1,2,3,7,8,9-HxCDF	ND(0.0000093)	0.000030	ND(0.000054)	ND(0.000010)	0.000048	ND(0.000011)
2,3,4,6,7,8-HxCDF	0.000015	0.000076	0.00010	0.000035	0.000048	0.000026
HxCDFs (total)	0.00045	0.0036	0.0032	0.0012	0.0014	0.000027
1,2,3,4,6,7,8-HpCDF	0.000070	0.00035	0.00028	0.00010	0.00024	0.000031
1,2,3,4,7,8,9-HpCDF	0.000088	ND(0.000023) X	0.000021	ND(0.000084) X	0.000049	0.000092
HpCDFs (total)	0.000079	0.00035	0.00032	0.00011	0.00031	0.000057
OCDF	0.00027	0.00039	0.00055	0.00016	0.0013	0.00024

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-33-SB-2 1-3 07/08/03	I9-9-33-SB-5 0-1 07/08/03	I9-9-33-SB-5 1-3 07/08/03	I9-9-33-SB-6 0-1 07/08/03	I9-9-33-SB-6 1-3 07/08/03	I9-9-101-SB-2 0-1 06/24/03
Dioxins						
2,3,7,8-TCDD	ND(0.00000044)	ND(0.0000039) X	ND(0.0000032) X	ND(0.00000049)	ND(0.0000016) X	ND(0.0000011)
TCDDs (total)	0.0000037	0.000036	0.000018	0.0000069	0.000018	ND(0.0000011)
1,2,3,7,8-PeCDD	ND(0.0000012)	0.000023	0.000015	ND(0.0000039) X	0.0000050	ND(0.0000024)
PeCDDs (total)	ND(0.0000012)	0.000023	0.000015	ND(0.0000012)	0.0000050	ND(0.0000024)
1,2,3,4,7,8-HxCDD	ND(0.00000064)	0.000011	0.0000082	0.0000032	0.0000034	ND(0.0000013)
1,2,3,6,7,8-HxCDD	0.000011	0.000051	0.000032	0.000013	0.000011	ND(0.0000012)
1,2,3,7,8,9-HxCDD	0.0000085	0.000031	0.000019	0.0000090	0.0000083	ND(0.0000012)
HxCDDs (total)	0.000020	0.000093	0.000060	0.000025	0.000022	ND(0.0000012)
1,2,3,4,6,7,8-HpCDD	0.00031	0.00010	0.000068	0.00018	0.000081	0.000012
HpCDDs (total)	0.00044	0.00022	0.00014	0.00030	0.00017	0.000023
OCDD	0.0028	0.00037	0.00022	0.0012	0.00060	0.000078
Total TEQs (WHO TEFs)	0.000032	0.00022	0.00014	0.000048	0.000076	0.0000061
Inorganics						
Antimony	0.830 B	ND(6.00)	0.870 B	ND(6.00)	0.830 B	ND(6.00)
Arsenic	3.80	6.40	6.00	4.20	4.40	6.60
Barium	77.0	37.0	30.0	38.0	30.0	27.0
Beryllium	0.150 B	0.150 B	0.160 B	0.170 B	0.140 B	ND(0.500)
Cadmium	0.300 B	0.430 B	0.420 B	0.660	0.530	0.220 J
Chromium	6.20	6.00	6.10	9.70	5.70	8.10 J
Cobalt	3.40 B	5.50	4.40 B	5.10	4.00 B	9.70
Copper	30.0	28.0	33.0	32.0	23.0	29.0
Cyanide	0.210	0.300	0.190	0.230	0.130	ND(0.13)
Lead	86.0	380	390	220	130	100 J
Mercury	0.440	51.0	70.0	3.60	4.50	0.0680 B
Nickel	8.90	10.0	11.0	13.0	9.60	17.0
Selenium	0.630 J	0.690 J	ND(1.00) J	ND(1.00) J	ND(1.00) J	0.910 J
Silver	0.350 B	ND(1.00)	0.120 B	ND(1.00)	ND(1.00)	ND(1.00) J
Sulfide	650	ND(5.40)	87.0	ND(5.20)	ND(5.20)	27.0 J
Thallium	ND(1.10) J	ND(1.10) J	ND(1.10) J	ND(1.00) J	ND(1.00) J	ND(1.10)
Tin	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	4.40 B
Vanadium	7.30	10.0	8.10	12.0	11.0	8.80
Zinc	130	100	97.0	110	86.0	82.0

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	19-9-101-SB-2 1-3 06/24/03	19-9-101-SB-5 0-1 06/24/03	19-9-101-SB-5 1-3 06/24/03	19-10-8-SB-3 0-1 06/13/03	19-10-8-SB-3 1-3 06/13/03	19-10-8-SB-5 0-1 06/13/03
Volatile Organics						
2-Butanone	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.012)	ND(0.012)	ND(0.013)
Acetone	ND(0.022)	ND(0.024)	ND(0.023)	ND(0.024)	ND(0.023)	ND(0.026)
Chlorobenzene	ND(0.0055)	ND(0.0061)	ND(0.0057)	ND(0.0060)	ND(0.0058)	ND(0.0065)
Ethylbenzene	ND(0.0055)	ND(0.0061)	ND(0.0057)	ND(0.0060)	ND(0.0058)	ND(0.0065)
Toluene	ND(0.0055)	ND(0.0061)	ND(0.0057)	ND(0.0060)	ND(0.0058)	ND(0.0065)
Semivolatile Organics						
1,2,4-Trichlorobenzene	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.40)	ND(0.39)	ND(0.44)
1,3-Dichlorobenzene	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.40)	ND(0.39)	ND(0.44)
1,4-Dichlorobenzene	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.40)	ND(0.39)	ND(0.44)
1,4-Naphthoquinone	ND(0.73)	ND(0.82)	ND(0.76)	ND(0.81)	ND(0.78)	ND(0.88)
2,4-Dimethylphenol	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.40)	ND(0.39)	ND(0.44)
2,4-Dinitrotoluene	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.40)	ND(0.39)	ND(0.44)
2-Chloronaphthalene	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.40)	ND(0.39)	ND(0.44)
2-Methylnaphthalene	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.40)	ND(0.39)	ND(0.44)
2-Methylphenol	ND(0.36)	ND(0.41)	ND(0.38)	0.25 J	0.19 J	0.21 J
3&4-Methylphenol	ND(0.73)	ND(0.82)	ND(0.76)	0.28 J	0.25 J	0.24 J
3,3'-Dichlorobenzidine	ND(0.73)	ND(0.82)	ND(0.76)	ND(0.81)	ND(0.78)	ND(0.88)
Acenaphthene	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.40)	0.094 J	ND(0.44)
Acenaphthylene	ND(0.36)	ND(0.41)	ND(0.38)	0.12 J	ND(0.39)	ND(0.44)
Aniline	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.40)	ND(0.39)	ND(0.44)
Anthracene	ND(0.36)	0.16 J	ND(0.38)	1.1	0.11 J	ND(0.44)
Benzo(a)anthracene	0.16 J	0.54	ND(0.38)	1.1	0.31 J	ND(0.44)
Benzo(a)pyrene	0.10 J	0.46	ND(0.38)	1.0	0.30 J	ND(0.44)
Benzo(b)fluoranthene	ND(0.36)	0.38 J	ND(0.38)	1.3	0.34 J	ND(0.44)
Benzo(g,h,i)perylene	ND(0.36)	0.32 J	ND(0.38)	0.69	0.23 J	ND(0.44)
Benzo(k)fluoranthene	ND(0.36)	0.45	ND(0.38)	0.49	0.12 J	ND(0.44)
Benzyl Alcohol	ND(0.73)	ND(0.82)	ND(0.76)	ND(0.81)	0.25 J	ND(0.88)
bis(2-Ethylhexyl)phthalate	ND(0.36)	ND(0.40)	ND(0.37)	ND(0.40)	ND(0.38)	ND(0.43)
Butylbenzylphthalate	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.40)	ND(0.39)	ND(0.44)
Chrysene	0.16 J	0.53	ND(0.38)	1.2	0.23 J	ND(0.44)
Dibenzo(a,h)anthracene	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.40)	ND(0.39)	ND(0.44)
Dibenzofuran	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.40)	ND(0.39)	ND(0.44)
Di-n-Butylphthalate	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.40)	ND(0.39)	ND(0.44)
Fluoranthene	0.33 J	1.1	0.11 J	2.8	0.51	0.12 J
Fluorene	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.40)	0.12 J	ND(0.44)
Hexachlorophene	ND(0.73) J	ND(0.82) J	ND(0.76) J	ND(0.81) J	ND(0.78) J	ND(0.88) J
Indeno(1,2,3-cd)pyrene	0.074 J	0.23 J	ND(0.38)	0.68	0.17 J	ND(0.44)
Naphthalene	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.40)	ND(0.39)	ND(0.44)
Nitrobenzene	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.40)	ND(0.39)	ND(0.44)
p-Dimethylaminoazobenzene	ND(0.73)	ND(0.82)	ND(0.76)	ND(0.81)	0.25 J	ND(0.88)
Phenanthrene	0.18 J	0.65	ND(0.38)	1.0	0.30 J	ND(0.44)
Phenol	ND(0.36)	ND(0.41)	ND(0.38)	0.66	0.47	0.83
Pyrene	0.28 J	1.0	0.10 J	2.6	0.46	0.12 J
Furans						
2,3,7,8-TCDF	ND(0.000027) Y	ND(0.0000015)	ND(0.0000020)	0.0000097 YI	ND(0.00000023)	ND(0.00000020)
TCDFs (total)	0.000015	ND(0.0000015)	ND(0.0000020)	0.00013	0.00000052	ND(0.00000020)
1,2,3,7,8-PeCDF	0.0000073	ND(0.0000012)	0.0000034	0.0000032	ND(0.00000019)	ND(0.00000012)
2,3,4,7,8-PeCDF	0.0000044	ND(0.0000012)	ND(0.0000015)	0.0000046	ND(0.00000020)	ND(0.00000013)
PeCDFs (total)	0.000037	ND(0.0000012)	0.000025	0.000054	0.00000062	ND(0.00000012)
1,2,3,4,7,8-HxCDF	0.000030 I	0.000011 I	0.000018 I	0.000022 I	0.0000011 I	ND(0.00000011)
1,2,3,6,7,8-HxCDF	0.0000088	ND(0.0000030) X	0.0000047	0.0000022	ND(0.00000013)	ND(0.00000011)
1,2,3,7,8,9-HxCDF	0.0000023	ND(0.0000011)	ND(0.0000015)	ND(0.00000036)	ND(0.00000017)	ND(0.00000014)
2,3,4,6,7,8-HxCDF	0.0000029	ND(0.00000094)	0.0000017	0.0000024	ND(0.00000015)	ND(0.00000012)
HxCDFs (total)	0.00010	0.000011	0.000050	0.000064	0.0000015	ND(0.00000011)
1,2,3,4,6,7,8-HpCDF	0.000089	0.000027	0.000059	0.000013	0.0000011	0.00000084
1,2,3,4,7,8,9-HpCDF	0.000023	0.0000052	0.000015	0.0000011	ND(0.00000010)	ND(0.00000017)
HpCDFs (total)	0.00013	0.000032	0.000084	0.000015	0.0000011	0.00000084
OCDF	0.0010	0.00017	0.00058	ND(0.000023) X	0.0000016	ND(0.00000070) J

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-101-SB-2 1-3 06/24/03	I9-9-101-SB-5 0-1 06/24/03	I9-9-101-SB-5 1-3 06/24/03	I9-10-8-SB-3 0-1 06/13/03	I9-10-8-SB-3 1-3 06/13/03	I9-10-8-SB-5 0-1 06/13/03
Dioxins						
2,3,7,8-TCDD	ND(0.0000012)	ND(0.0000011)	ND(0.0000012)	ND(0.00000019)	ND(0.00000012)	ND(0.00000015)
TCDDs (total)	ND(0.0000012)	ND(0.0000011)	ND(0.0000012)	0.0000040	ND(0.00000012)	ND(0.00000015)
1,2,3,7,8-PeCDD	ND(0.0000019)	ND(0.0000018)	ND(0.0000023)	ND(0.00000045)	ND(0.00000021)	ND(0.00000018)
PeCDDs (total)	ND(0.0000019)	ND(0.0000018)	ND(0.0000023)	ND(0.00000045)	ND(0.00000021)	ND(0.00000018)
1,2,3,4,7,8-HxCDD	ND(0.0000015)	ND(0.0000015)	ND(0.0000013)	ND(0.00000042)	ND(0.00000018)	ND(0.00000018)
1,2,3,6,7,8-HxCDD	ND(0.0000014)	ND(0.0000014)	0.0000016	0.0000012	ND(0.00000016)	ND(0.00000016)
1,2,3,7,8,9-HxCDD	ND(0.0000014)	ND(0.0000014)	ND(0.0000012)	0.0000015	ND(0.00000016)	ND(0.00000016)
HxCDDs (total)	ND(0.0000014)	ND(0.0000014)	0.0000016	0.0000058	ND(0.00000016)	ND(0.00000016)
1,2,3,4,6,7,8-HpCDD	0.000026	0.000033	0.000026	0.000014	0.000012	0.0000031
HpCDDs (total)	0.000026	0.000033	0.000045	0.000028	0.000021	0.0000031
OCDD	0.00021	0.00023	0.00016	0.00010	0.000075	ND(0.0000016) X
Total TEQs (WHO TEFs)	0.000012	0.000041	0.000063	0.000070	0.0000041	0.0000027
Inorganics						
Antimony	ND(6.00)	ND(6.00)	ND(6.00)	2.60 B	ND(6.00)	1.40 B
Arsenic	6.60	6.00	3.60	23.0	6.70	5.30
Barium	25.0	68.0	46.0	100	36.0	88.0
Beryllium	ND(0.500)	ND(0.500)	ND(0.500)	0.210 B	0.160 B	0.160 B
Cadmium	0.230 J	0.480 J	0.170 J	0.150 B	ND(0.500)	1.40
Chromium	6.80 J	8.00 J	7.80 J	12.0	4.60	18.0
Cobalt	8.50	7.10	8.10	8.40	6.80	6.40
Copper	27.0	32.0	19.0	92.0	20.0	67.0
Cyanide	ND(0.11)	0.210	ND(0.11)	0.160	0.0930 B	0.500
Lead	76.0 J	93.0 J	37.0 J	250	40.0	440
Mercury	0.0770 B	0.190	0.120	0.500	0.0920 B	0.240
Nickel	17.0	11.0	14.0	18.0	9.50	13.0
Selenium	0.890 J	0.950 J	0.740 J	0.740 J	ND(1.00) J	1.00 J
Silver	0.120 J	ND(1.00) J	0.120 J	0.140 B	0.200 B	0.220 B
Sulfide	ND(5.50) J	7.80 J	9.10 J	ND(6.00)	28.0	88.0
Thallium	ND(1.10)	ND(1.20)	ND(1.10)	ND(1.20)	ND(1.20)	ND(1.30)
Tin	5.00 B	7.00 B	5.30 B	ND(21.0)	ND(10.0)	ND(20.0)
Vanadium	8.20	8.40	8.10	10.0	5.30	11.0
Zinc	67.0	120	63.0	130	28.0	260

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-10-8-SB-5 3-5 06/13/03	I9-10-8-SB-9 0-1 06/16/03	I9-10-8-SB-9 1-3 06/16/03	I9-10-9-SB-2 0-1 06/09/03	I9-10-9-SB-2 1-3 06/09/03
Volatile Organics					
2-Butanone	ND(0.013)	ND(0.024) [0.037]	ND(0.014)	ND(0.012)	ND(0.012)
Acetone	ND(0.025)	ND(0.048) [0.11]	ND(0.028)	ND(0.024)	ND(0.025)
Chlorobenzene	ND(0.0064)	ND(0.012) [ND(0.0064)]	ND(0.0071)	ND(0.0061)	ND(0.0063)
Ethylbenzene	ND(0.0064)	ND(0.012) [ND(0.0064)]	ND(0.0071)	ND(0.0061)	ND(0.0063)
Toluene	ND(0.0064)	ND(0.012) [ND(0.0064)]	ND(0.0071)	ND(0.0061)	ND(0.0063)
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.42)	ND(0.80) [ND(0.42)]	R	ND(0.41)	ND(0.42)
1,3-Dichlorobenzene	ND(0.42)	ND(0.80) [ND(0.42)]	R	ND(0.41)	ND(0.42)
1,4-Dichlorobenzene	ND(0.42)	0.24 J [0.092 J]	R	ND(0.41)	ND(0.42)
1,4-Naphthoquinone	ND(0.85)	ND(1.6) [ND(0.85)]	R	ND(0.82)	ND(0.84)
2,4-Dimethylphenol	ND(0.42)	ND(0.80) [ND(0.42)]	ND(0.66)	ND(0.41)	ND(0.42)
2,4-Dinitrotoluene	ND(0.42)	ND(0.80) [ND(0.42)]	R	ND(0.41)	ND(0.42)
2-Chloronaphthalene	ND(0.42)	ND(0.80) [ND(0.42)]	R	ND(0.41)	ND(0.42)
2-Methylnaphthalene	ND(0.42)	ND(0.80) [ND(0.42)]	0.18 J	ND(0.41)	ND(0.42)
2-Methylphenol	0.22 J	0.20 J [ND(0.42)]	ND(0.66)	ND(0.41)	ND(0.42)
3&4-Methylphenol	0.69 J	0.27 J [ND(0.85)]	ND(0.95)	ND(0.82)	ND(0.84)
3,3'-Dichlorobenzidine	ND(0.85)	ND(1.6) [ND(0.85)]	R	ND(0.82)	ND(0.84)
Acenaphthene	ND(0.42)	0.40 J [ND(0.42)]	2.6 J	ND(0.41)	0.29 J
Acenaphthylene	ND(0.42)	0.20 J [ND(0.42)]	R	ND(0.41)	0.16 J
Aniline	ND(0.42)	15 J [0.14 J]	0.64 J	ND(0.41)	ND(0.42)
Anthracene	0.16 J	0.43 J [0.099 J]	R	0.17 J	0.67
Benzo(a)anthracene	0.40 J	1.6 J [0.32 J]	0.37 J	0.82	1.3
Benzo(a)pyrene	0.33 J	1.3 J [0.32 J]	0.36 J	0.68	1.0
Benzo(b)fluoranthene	0.39 J	1.4 J [0.34 J]	R	1.0	1.4
Benzo(g,h,i)perylene	0.20 J	ND(0.80) [ND(0.42)]	0.14 J	ND(0.41)	0.74
Benzo(k)fluoranthene	0.12 J	1.3 J [0.30 J]	R	0.38 J	0.51
Benzyl Alcohol	ND(0.85)	ND(1.6) [ND(0.85)]	ND(1.3)	ND(0.82) J	ND(0.84) J
bis(2-Ethylhexyl)phthalate	ND(0.42)	ND(0.80) [ND(0.42)]	R	0.35 J	0.73
Butylbenzylphthalate	ND(0.42)	ND(0.80) [ND(0.42)]	R	1.2	0.75
Chrysene	0.41 J	2.1 J [0.43 J]	0.42 J	0.95	1.4
Dibenzo(a,h)anthracene	ND(0.42)	ND(0.80) [ND(0.42)]	R	ND(0.41)	ND(0.42)
Dibenzofuran	ND(0.42)	0.20 J [ND(0.42)]	R	ND(0.41)	0.30 J
Di-n-Butylphthalate	ND(0.42)	ND(0.80) [ND(0.42)]	R	ND(0.41)	ND(0.42)
Fluoranthene	1.1	0.83 J [0.83 J]	0.85 J	1.9	3.4
Fluorene	ND(0.42)	0.34 J [ND(0.42)]	R	ND(0.41)	0.28 J
Hexachlorophene	ND(0.85) J	ND(1.6) J [ND(0.85) J]	0.28 J	ND(0.82) J	ND(0.84) J
Indeno(1,2,3-cd)pyrene	0.22 J	ND(0.80) [ND(0.42)]	0.18 J	0.51	0.63
Naphthalene	ND(0.42)	0.28 J [ND(0.42)]	R	ND(0.41)	0.30 J
Nitrobenzene	ND(0.42)	ND(0.80) [ND(0.42)]	R	ND(0.41)	ND(0.42)
p-Dimethylaminoazobenzene	ND(0.85)	ND(1.6) [ND(0.85)]	R	ND(0.82)	ND(0.84)
Phenanthrene	0.58	1.8 J [0.39 J]	0.44 J	0.90	2.9
Phenol	0.86	1.2 J [0.16 J]	0.25 J	ND(0.41)	ND(0.42)
Pyrene	0.88	4.0 J [0.83 J]	0.87 J	1.4	2.7
Furans					
2,3,7,8-TCDF	0.000013 YI	ND(0.000079) XY [ND(0.000025)]	ND(0.0000095) Y	0.0000039 Y	0.0000055 Y
TCDFs (total)	0.00023	0.0060 J [0.00039 J]	0.00086	0.000075 I	0.000077 I
1,2,3,7,8-PeCDF	0.0000034 I	0.0016 I [ND(0.000020)]	0.00021 I	0.0000020	0.0000021
2,3,4,7,8-PeCDF	0.0000054	0.00033 [ND(0.000021)]	0.000036	0.0000033	0.0000026
PeCDFs (total)	0.00010	0.0019 J [0.00025 J]	0.0014	0.00012 I	0.000068 I
1,2,3,4,7,8-HxCDF	0.000039 I	0.012 IJ [0.00021 IJ]	0.0012 I	0.0000050	0.0000034
1,2,3,6,7,8-HxCDF	0.0000033	0.00037 [ND(0.000092)]	0.000039	0.0000051	0.0000022
1,2,3,7,8,9-HxCDF	ND(0.00000047)	0.00050 [ND(0.000012)]	ND(0.000010)	ND(0.0000021)	ND(0.0000013)
2,3,4,6,7,8-HxCDF	0.0000029	0.00025 [ND(0.000010)]	ND(0.0000087)	0.0000039	0.0000016
HxCDFs (total)	0.000073	0.020 J [0.00032 J]	0.0017	0.00011 I	0.000043 I
1,2,3,4,6,7,8-HpCDF	0.000020	0.0013 J [ND(0.000046) XJ]	0.00013	0.000044	0.000014
1,2,3,4,7,8,9-HpCDF	0.0000016	0.00036 [ND(0.000083)]	0.000032	0.0000031	ND(0.00000069) X
HpCDFs (total)	0.000022	0.0018 [ND(0.000064)]	0.00016	0.00011	0.000033
OCDF	0.000022	0.0013 J [0.000060 J]	0.00010	0.000080 J	0.000025

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-10-8-SB-5 3-5 06/13/03	I9-10-8-SB-9 0-1 06/16/03	I9-10-8-SB-9 1-3 06/16/03	I9-10-9-SB-2 0-1 06/09/03	I9-10-9-SB-2 1-3 06/09/03
Dioxins					
2,3,7,8-TCDD	ND(0.0000023)	ND(0.000030) [ND(0.0000095)]	ND(0.000089)	ND(0.0000013)	ND(0.0000010)
TCDDs (total)	0.000022	0.00014 [ND(0.0000095)]	ND(0.000089)	0.000027	0.000016
1,2,3,7,8-PeCDD	ND(0.0000011)	ND(0.00012) [ND(0.000019)]	ND(0.000026)	ND(0.0000013) X	ND(0.00000050)
PeCDDs (total)	ND(0.0000011)	ND(0.00012) [ND(0.000019)]	ND(0.000026)	ND(0.0000057)	ND(0.0000054)
1,2,3,4,7,8-HxCDD	ND(0.0000042)	ND(0.000082) [ND(0.000016)]	ND(0.000019)	0.0000045	0.0000020
1,2,3,6,7,8-HxCDD	0.0000013	ND(0.000074) [ND(0.000014)]	ND(0.000017)	0.0000086	0.0000023
1,2,3,7,8,9-HxCDD	0.0000016	0.00020 [ND(0.000014)]	ND(0.000017)	0.0000084	0.0000022
HxCDDs (total)	0.0000052	0.00020 [ND(0.000014)]	ND(0.000017)	0.000053	0.000012
1,2,3,4,6,7,8-HpCDD	0.000025	0.0022 J [0.00010 J]	0.00013	0.00019	0.000052
HpCDDs (total)	0.000043	0.0039 J [0.00010 J]	0.00025	0.00035	0.000099
OCDD	0.00019	0.0075 J [0.00038 J]	0.00040	0.0012 J	0.00034
Total TEQs (WHO TEFs)	0.000010	0.0017 [0.000047]	0.00018	0.0000090	0.0000041
Inorganics					
Antimony	2.00 B	5.30 J [1.10 J]	1.20 J	1.90 B	1.50 B
Arsenic	6.60	11.0 J [6.50 J]	9.00 J	6.10	11.0
Barium	53.0	120 [90.0]	48.0	42.0 J	71.0 J
Beryllium	0.110 B	0.230 B [0.170 B]	0.190 B	ND(0.500)	ND(0.500)
Cadmium	ND(0.500)	11.0 J [0.910 J]	ND(0.500) J	2.00	1.30
Chromium	4.20	35.0 J [9.40 J]	9.70 J	18.0	17.0
Cobalt	5.60	6.00 [4.50 B]	8.80	7.20	11.0
Copper	50.0	300 J [49.0 J]	36.0 J	43.0	45.0
Cyanide	0.260	1.30 J [0.26 J]	0.0340 J	0.240	0.290
Lead	170	570 J [310 J]	110 J	100	130
Mercury	0.350	1.70 J [0.830 J]	0.230 J	0.160	0.240
Nickel	8.70	46.0 J [11.0 J]	15.0 J	16.0	17.0
Selenium	ND(1.00) J	3.00 J [ND(1.00) J]	0.680 J	ND(1.00) J	ND(1.00) J
Silver	0.130 B	3.70 J [0.850 J]	0.280 J	ND(1.00)	ND(1.00)
Sulfide	77.0	530 J [340 J]	94.0 J	31.0	23.0
Thallium	ND(1.30)	ND(2.40) [ND(1.30)]	ND(1.40)	ND(1.20)	ND(1.20)
Tin	22.0	200 J [ND(10.0)]	ND(12.0)	ND(10.0)	ND(10.0)
Vanadium	9.20	43.0 J [10.0 J]	8.70 J	12.0	15.0
Zinc	74.0	450 J [150 J]	91.0 J	230	300

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	RA-1-SB-3 0-1 06/09/03	RA-1-SB-3 1-3 06/09/03	RA-1-SB-6 0-1 06/10/03	RA-1-SB-6 1-3 06/10/03	RA-2-SB-3 0-1 06/10/03
Volatiles Organics					
2-Butanone	ND(0.012)	ND(0.011) [ND(0.011)]	ND(0.012)	ND(0.011)	ND(0.011)
Acetone	ND(0.023)	ND(0.022) [ND(0.023)]	ND(0.023)	ND(0.022)	ND(0.022)
Chlorobenzene	ND(0.0058)	ND(0.0056) [ND(0.0057)]	ND(0.0059)	ND(0.0054)	ND(0.0054)
Ethylbenzene	ND(0.0058)	ND(0.0056) [ND(0.0057)]	ND(0.0059)	ND(0.0054)	ND(0.0054)
Toluene	ND(0.0058)	ND(0.0056) [ND(0.0057)]	ND(0.0059)	ND(0.0054)	ND(0.0054)
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.38)	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)	ND(0.36)
1,3-Dichlorobenzene	ND(0.38)	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)	ND(0.36)
1,4-Dichlorobenzene	ND(0.38)	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)	ND(0.36)
1,4-Naphthoquinone	ND(0.77)	ND(0.75) [ND(0.76)]	ND(0.78)	ND(0.73)	ND(0.73)
2,4-Dimethylphenol	ND(0.38)	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)	ND(0.36)
2,4-Dinitrotoluene	ND(0.38)	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)	ND(0.36)
2-Chloronaphthalene	ND(0.38)	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)	ND(0.36)
2-Methylnaphthalene	ND(0.38)	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)	0.083 J
2-Methylphenol	ND(0.38)	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)	ND(0.36)
3&4-Methylphenol	ND(0.77)	ND(0.75) [ND(0.76)]	ND(0.78)	ND(0.73)	ND(0.73)
3,3'-Dichlorobenzidine	ND(0.77)	ND(0.75) [ND(0.76)]	ND(0.78)	ND(0.73)	ND(0.73)
Acenaphthene	ND(0.38)	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)	ND(0.36)
Acenaphthylene	0.079 J	0.40 [0.14 J]	0.15 J	0.70	1.2
Aniline	ND(0.38)	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)	ND(0.36)
Anthracene	0.13 J	0.48 [0.16 J]	0.25 J	1.1	0.60
Benzo(a)anthracene	0.44	1.3 J [0.45 J]	0.93	4.6	1.7
Benzo(a)pyrene	0.36 J	0.40 J [0.40 J]	0.77	4.4	2.6
Benzo(b)fluoranthene	0.40	1.5 J [0.58 J]	1.1	5.2	3.2
Benzo(g,h,i)perylene	0.32 J	1.2 J [0.36 J]	0.54	3.2	2.7
Benzo(k)fluoranthene	0.19 J	0.52 J [0.19 J]	0.39 J	1.9	1.1
Benzyl Alcohol	ND(0.77) J	ND(0.75) J [ND(0.76) J]	ND(0.78) J	ND(0.73) J	ND(0.73) J
bis(2-Ethylhexyl)phthalate	0.18 J	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)	ND(0.36)
Butylbenzylphthalate	ND(0.38)	ND(0.37) [ND(0.38)]	0.29 J	ND(0.36)	0.29 J
Chrysene	0.52	1.3 J [0.45 J]	1.0	4.1	1.6
Dibenzo(a,h)anthracene	ND(0.38)	0.30 J [ND(0.38)]	ND(0.39)	0.75	0.66
Dibenzofuran	ND(0.38)	ND(0.37) [ND(0.38)]	ND(0.39)	0.26 J	ND(0.36)
Di-n-Butylphthalate	ND(0.38)	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)	ND(0.36)
Fluoranthene	1.1	2.4 J [0.90 J]	2.5	11	2.9
Fluorene	ND(0.38)	0.094 J [ND(0.38)]	ND(0.39)	0.13 J	0.12 J
Hexachlorophene	ND(0.77) J	ND(0.75) J [ND(0.76) J]	ND(0.78) J	ND(0.73) J	ND(0.73) J
Indeno(1,2,3-cd)pyrene	0.30 J	0.89 [0.31 J]	0.48	2.8	2.1
Naphthalene	ND(0.38)	ND(0.37) [ND(0.38)]	0.098 J	0.23 J	0.14 J
Nitrobenzene	ND(0.38)	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)	ND(0.36)
p-Dimethylaminoazobenzene	ND(0.77)	ND(0.75) [ND(0.76)]	ND(0.78)	ND(0.73)	ND(0.73)
Phenanthrene	0.56	1.5 J [0.51 J]	1.1	3.9	0.89
Phenol	ND(0.38)	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)	ND(0.36)
Pyrene	0.92	2.1 J [0.75 J]	2.0	11	2.6
Furans					
2,3,7,8-TCDF	0.000040 Y	0.000010 Y [0.000014 Y]	0.000019 Y	0.000022 Y	ND(0.0000012)
TCDFs (total)	0.000061 I	0.00012 I [0.00019 I]	0.00027 I	0.00026 I	ND(0.0000012) J
1,2,3,7,8-PeCDF	0.0000015	0.0000036 [0.0000048]	0.0000047	0.000017	ND(0.0000018)
2,3,4,7,8-PeCDF	0.0000024	0.0000040 [0.0000056]	0.0000062	0.000012	ND(0.0000014)
PeCDFs (total)	0.000010 I	0.000015 I [0.000021 I]	0.000022 I	0.000015	0.000043
1,2,3,4,7,8-HxCDF	0.0000032	0.0000053 [0.0000072]	0.0000090	0.000011	ND(0.0000011)
1,2,3,6,7,8-HxCDF	0.0000026	0.0000036 [0.0000044]	0.0000050	0.0000068	0.0000061
1,2,3,7,8,9-HxCDF	ND(0.00000040)	ND(0.00000060) [ND(0.00000080)]	0.0000070 J	ND(0.0000026)	ND(0.0000013)
2,3,4,6,7,8-HxCDF	0.0000023	0.0000024 [0.0000037]	0.0000041	0.0000049	ND(0.0000012)
HxCDFs (total)	0.000069 I	0.000080 I [0.000098 I]	0.00010 I	0.00010	0.000044
1,2,3,4,6,7,8-HpCDF	0.000015	0.000011 [0.000018]	ND(0.000017) X	0.000028 J	ND(0.000013) X
1,2,3,4,7,8,9-HpCDF	0.0000010	0.0000095 [0.0000014]	ND(0.0000099) X	0.0000026	ND(0.0000021)
HpCDFs (total)	0.000017	0.000023 [0.000036]	0.000023	0.000063	0.000022
OCDF	0.000016	0.0000082 [0.000012]	0.000025	0.000025	0.000029

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	RA-1-SB-3 0-1 06/09/03	RA-1-SB-3 1-3 06/09/03	RA-1-SB-6 0-1 06/10/03	RA-1-SB-6 1-3 06/10/03	RA-2-SB-3 0-1 06/10/03
Dioxins					
2,3,7,8-TCDD	ND(0.00000080)	ND(0.0000010) [ND(0.0000012)]	ND(0.0000059)	ND(0.0000033)	ND(0.0000012)
TCDDs (total)	0.000011	0.000020 J [0.000036 J]	0.000026	0.000026	ND(0.0000075)
1,2,3,7,8-PeCDD	ND(0.0000020)	ND(0.00000050) [ND(0.00000070)]	ND(0.0000030)	ND(0.0000019)	ND(0.0000010)
PeCDDs (total)	ND(0.0000031)	ND(0.0000038) [ND(0.0000059)]	ND(0.0000081)	ND(0.0000032)	ND(0.0000044)
1,2,3,4,7,8-HxCDD	0.000020	ND(0.0000014) X [ND(0.0000014) X]	ND(0.0000039)	ND(0.0000031)	ND(0.0000015)
1,2,3,6,7,8-HxCDD	0.000019	0.0000070 [0.0000072]	ND(0.0000039)	0.0000021	ND(0.0000016)
1,2,3,7,8,9-HxCDD	0.000017	ND(0.0000040) X [ND(0.0000044) X]	ND(0.0000042)	ND(0.0000014) X	ND(0.0000016)
HxCDDs (total)	0.000012	0.000026 [0.000039]	0.000062	0.000012	ND(0.0000085)
1,2,3,4,6,7,8-HpCDD	0.000036	0.000012 [0.000013]	0.000042	0.000043	0.000044
HpCDDs (total)	0.000074	0.000024 [0.000025]	0.000097	0.000095	0.000084
OCDD	0.00028	0.000079 [0.000073]	0.00030	0.00032	0.00032
Total TEQs (WHO TEFs)	0.000037	0.000048 [0.000066]	0.000082	0.000013	0.000031
Inorganics					
Antimony	1.20 B	0.820 B [1.20 B]	1.40 B	ND(6.00)	0.780 B
Arsenic	3.30	7.40 [7.30]	10.0	9.00	4.80
Barium	32.0 J	34.0 J [74.0 J]	44.0	38.0	61.0
Beryllium	ND(0.500)	ND(0.500) [ND(0.500)]	0.240 B	0.240 B	0.120 B
Cadmium	0.610	0.440 B [0.450 B]	0.480 B	ND(0.500)	0.170 B
Chromium	13.0	7.80 [7.70]	11.0	8.40	7.90
Cobalt	6.40	7.30 [6.90]	7.50	9.40	6.30
Copper	31.0	32.0 [28.0]	48.0	42.0	22.0
Cyanide	0.540	0.180 [0.120]	0.580 J	0.220 J	0.0640 J
Lead	80.0	64.0 [65.0]	210	76.0	57.0
Mercury	0.0490 B	0.100 B [0.0700 B]	0.220	0.0740 B	0.0490 B
Nickel	12.0	11.0 [11.0]	17.0	16.0	13.0
Selenium	ND(1.00) J	ND(1.00) J [ND(1.00) J]	1.30 J	0.530 J	0.600 J
Silver	ND(1.00)	ND(1.00) [ND(1.00)]	0.300 B	0.550 B	0.130 B
Sulfide	440	7.10 [7.30]	11.0	ND(5.40)	ND(5.40)
Thallium	ND(1.20)	ND(2.20) [ND(1.10)]	ND(1.20) J	ND(1.10) J	ND(1.10) J
Tin	ND(13.0)	ND(10.0) [ND(10.0)]	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium	10.0	7.60 [7.50]	14.0	8.90	11.0
Zinc	150	72.0 [71.0]	260	78.0	72.0

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	RA-2-SB-3 1-3 06/10/03	RA-2-SB-6 0-1 06/10/03	RA-2-SB-6 1-3 06/10/03	RA-2-SB-9 0-1 06/10/03	RA-2-SB-9 1-3 06/10/03	RA-2-SB-11 0-1 06/10/03	RA-2-SB-11 1-3 06/10/03
Volatiles Organics							
2-Butanone	ND(0.011)	ND(0.011) J	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)
Acetone	ND(0.021)	ND(0.022) J	ND(0.021)	ND(0.021)	ND(0.022)	ND(0.022)	ND(0.022)
Chlorobenzene	ND(0.0053)	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)	ND(0.0054)	ND(0.0055)
Ethylbenzene	ND(0.0053)	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)	ND(0.0054)	ND(0.0055)
Toluene	ND(0.0053)	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)	ND(0.0054)	ND(0.0055)
Semivolatiles Organics							
1,2,4-Trichlorobenzene	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)	ND(0.36)	ND(0.36)
1,3-Dichlorobenzene	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)	ND(0.36)	ND(0.36)
1,4-Dichlorobenzene	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)	ND(0.36)	ND(0.36)
1,4-Naphthoquinone	ND(0.71) J	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)	ND(0.73) J	ND(0.73) J
2,4-Dimethylphenol	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)	ND(0.36)	ND(0.36)
2,4-Dinitrotoluene	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)	ND(0.36)	ND(0.36)
2-Chloronaphthalene	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)	ND(0.36)	ND(0.36)
2-Methylnaphthalene	ND(0.36)	ND(0.36)	0.12 J	ND(0.35)	ND(0.37)	ND(0.36)	ND(0.36)
2-Methylphenol	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)	ND(0.36)	ND(0.36)
3&4-Methylphenol	ND(0.71)	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)	ND(0.73)	ND(0.73)
3,3'-Dichlorobenzidine	ND(0.71)	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)	ND(0.73)	ND(0.73)
Acenaphthene	ND(0.36)	ND(0.36)	0.17 J	ND(0.35)	0.74	ND(0.36)	ND(0.36)
Acenaphthylene	0.20 J	0.48	0.46	0.19 J	0.23 J	0.33 J	ND(0.36)
Aniline	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)	ND(0.36)	ND(0.36)
Anthracene	0.14 J	0.45	0.51	0.088 J	0.095 J	0.17 J	ND(0.36)
Benzo(a)anthracene	0.45	1.3	1.2	0.42	0.36 J	0.47	ND(0.36)
Benzo(a)pyrene	0.56	1.3	1.2	0.49	0.51	0.59	ND(0.36)
Benzo(b)fluoranthene	0.65	1.5	1.4	0.59	0.68	0.78	ND(0.36)
Benzo(g,h,i)perylene	0.49	1.1	1.0	0.48	0.47	0.58	ND(0.36)
Benzo(k)fluoranthene	0.22 J	0.59	0.45	0.32 J	0.20 J	0.30 J	ND(0.36)
Benzyl Alcohol	ND(0.71) J	ND(0.73) J	ND(0.72) J	ND(0.71) J	ND(0.74) J	ND(0.73) J	ND(0.73) J
bis(2-Ethylhexyl)phthalate	ND(0.35)	0.34 J	ND(0.35)	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Butylbenzylphthalate	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)	ND(0.36)	ND(0.36)
Chrysene	0.48	1.4	1.2	0.42	0.45	0.65	0.091 J
Dibenzo(a,h)anthracene	ND(0.36)	0.26 J	0.28 J	ND(0.35)	ND(0.37)	ND(0.36)	ND(0.36)
Dibenzofuran	ND(0.36)	ND(0.36)	0.13 J	ND(0.35)	ND(0.37)	ND(0.36)	ND(0.36)
Di-n-Butylphthalate	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)	ND(0.36)	ND(0.36)
Fluoranthene	0.91	2.6	3.3	0.70	0.71	0.97	0.13 J
Fluorene	ND(0.36)	0.13 J	0.37	ND(0.35)	ND(0.37)	ND(0.36)	ND(0.36)
Hexachlorophene	ND(0.71) J	ND(0.73) J	ND(0.72) J	ND(0.71) J	ND(0.74) J	ND(0.73) J	ND(0.73) J
Indeno(1,2,3-cd)pyrene	0.40	0.89	0.77	0.37	0.40	0.46	ND(0.36)
Naphthalene	ND(0.36)	ND(0.36)	0.12 J	ND(0.35)	ND(0.37)	ND(0.36)	ND(0.36)
Nitrobenzene	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)	ND(0.36)	ND(0.36)
p-Dimethylaminoazobenzene	ND(0.71)	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)	ND(0.73)	ND(0.73)
Phenanthrene	0.28 J	1.1	2.0	ND(0.35)	0.19 J	0.35 J	ND(0.36)
Phenol	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)	ND(0.36)	ND(0.36)
Pyrene	0.92	2.7	2.9	0.73	0.71	0.88	0.13 J
Furans							
2,3,7,8-TCDF	0.0000041 Y	0.0000031 Y	0.0000051 Y	0.0000030 Y	0.0000022 Y	0.000012 Y	0.0000033 Y
TCDFs (total)	0.000074 IJ	0.000078 IJ	0.000020 J	0.000025 IJ	0.000022 IJ	0.00013 IJ	0.000023 IJ
1,2,3,7,8-PeCDF	0.000017	0.000021	ND(0.000076) X	0.0000040	0.0000087	0.0000097	0.0000034
2,3,4,7,8-PeCDF	0.000014	0.000017	0.0000092	0.0000034	0.0000013	0.0000077	0.0000034
PeCDFs (total)	0.00014 I	0.00016 I	0.000088	0.000076 I	0.000035 I	0.00017 I	0.000032 I
1,2,3,4,7,8-HxCDF	0.000028	0.000034	0.000012	0.0000077	0.0000017	0.000013	0.0000056
1,2,3,6,7,8-HxCDF	0.000020	0.000026	0.0000083	0.0000090	0.0000014	0.000010	0.0000041
1,2,3,7,8,9-HxCDF	0.000012	0.000016	ND(0.000010)	ND(0.0000033)	ND(0.00000090)	0.0000028	0.0000022
2,3,4,6,7,8-HxCDF	0.000012	0.000014	0.0000091	0.0000048	0.0000072	0.0000054	0.0000026
HxCDFs (total)	0.00015 I	0.00016 I	0.000098	0.00015 I	0.000024 I	0.00014 I	0.000028
1,2,3,4,6,7,8-HpCDF	0.000044 J	0.000054	0.000033	0.000082	ND(0.000031) X	ND(0.000027) X	ND(0.0000018)
1,2,3,4,7,8,9-HpCDF	0.000022	0.000027	0.000012	0.0000052	0.0000065	0.0000070	0.0000046
HpCDFs (total)	0.000083	0.00010	0.000079	0.000088	0.0000068	0.0000050	0.0000091
OCDF	0.000043	0.000056	0.000039	0.000059	0.0000061	0.000040	0.0000099

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	RA-2-SB-3 1-3 06/10/03	RA-2-SB-6 0-1 06/10/03	RA-2-SB-6 1-3 06/10/03	RA-2-SB-9 0-1 06/10/03	RA-2-SB-9 1-3 06/10/03	RA-2-SB-11 0-1 06/10/03	RA-2-SB-11 1-3 06/10/03
Dioxins							
2,3,7,8-TCDD	0.0000027	0.0000035	ND(0.00000086)	ND(0.00000016)	ND(0.000000080)	ND(0.00000019)	ND(0.00000012)
TCDDs (total)	0.0000049	0.0000060	ND(0.0000059)	ND(0.0000045)	ND(0.0000019)	0.0000075	ND(0.0000012)
1,2,3,7,8-PeCDD	0.000014	0.000017	ND(0.0000032)	0.0000080	ND(0.000000040)	0.0000052	0.0000030
PeCDDs (total)	0.000014	0.000017	ND(0.0000028)	0.000013	ND(0.0000038)	0.0000052	0.0000030
1,2,3,4,7,8-HxCDD	0.000015	0.000019	ND(0.0000013)	0.000011	ND(0.00000072) X	0.0000065	0.0000043
1,2,3,6,7,8-HxCDD	0.000016	0.000020	0.0000078	0.000036	ND(0.000000090)	0.000012	0.0000034
1,2,3,7,8,9-HxCDD	0.000016	0.000018	0.0000065	0.000027	ND(0.000000090)	0.0000092	0.0000031
HxCDDs (total)	0.000060	0.000076	0.000019	0.00017	0.0000012	0.000045	0.000014
1,2,3,4,6,7,8-HpCDD	0.000040	0.000047	0.000051	0.00047	0.0000049	0.00012	0.000012
HpCDDs (total)	0.000068	0.000084	0.000088	0.00078	0.0000082	0.00020	0.000020
OCDD	0.00020	0.00026	0.00034	0.0028	0.000036	0.00070	0.000074
Total TEQs (WHO TEFs)	0.000038	0.000046	0.000013	0.000026	0.0000015	0.000018	0.0000080
Inorganics							
Antimony	ND(6.00)	0.880 B	ND(6.00)	ND(6.00)	0.820 B	0.950 B	ND(6.00)
Arsenic	6.50	2.90 J	4.00	8.50	7.40	8.40	6.80
Barium	ND(20.0)	22.0	43.0	ND(20.0)	ND(20.0)	39.0	21.0
Beryllium	0.140 B	0.160 B	0.150 B	0.120 B	0.190 B	0.210 B	0.210 B
Cadmium	ND(0.500)	0.170 B	0.180 B	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
Chromium	6.20	7.80	10.0	8.30	6.70	9.80	6.80
Cobalt	7.60	5.30	5.90	9.70	7.70	10.0	7.20
Copper	26.0	21.0	62.0	27.0	18.0	36.0	16.0
Cyanide	0.0480 J	0.280 J	0.700 J	0.0470 J	ND(0.550) J	0.0710 J	ND(0.220) J
Lead	47.0	130	200	38.0	22.0	120	39.0
Mercury	0.0190 B	0.0320 B	0.0450 B	ND(0.110)	0.130	0.0960 B	0.0210 B
Nickel	13.0	10.0	12.0	17.0	14.0	20.0	14.0
Selenium	0.530 J	0.530 J	ND(1.00) J	ND(1.00) J	ND(1.00) J	0.540 J	ND(1.00) J
Silver	0.120 B	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	ND(5.30)	ND(5.40)	ND(5.30)	14.0	10.0	7.00	24.0
Thallium	ND(1.10) J	ND(1.10) J	ND(1.10) J	ND(1.10) J	ND(1.10) J	ND(1.10) J	ND(1.10) J
Tin	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium	6.60	13.0	11.0	9.50	6.80	10.0	6.60
Zinc	44.0	80.0	92.0	60.0	44.0	76.0	43.0

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	RA-3-SB-1 0-1 06/10/03	RA-3-SB-1 1-3 06/10/03	RA-3-SB-4 0-1 06/10/03	RA-3-SB-4 1-3 06/10/03	RA-3-SB-8 0-1 06/11/03	RA-3-SB-8 1-3 06/11/03	RA-3-SB-9 0-1 06/11/03
Volatile Organics							
2-Butanone	ND(0.015)	ND(0.016)	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.012)	ND(0.020)
Acetone	ND(0.029)	ND(0.031)	ND(0.023)	ND(0.022)	ND(0.023)	ND(0.023)	0.044
Chlorobenzene	ND(0.0073)	ND(0.0078)	ND(0.0057)	ND(0.0055)	0.0085	ND(0.0058)	ND(0.010)
Ethylbenzene	ND(0.0073)	ND(0.0078)	ND(0.0057)	ND(0.0055)	0.0040 J	ND(0.0058)	ND(0.010)
Toluene	ND(0.0073)	ND(0.0078)	ND(0.0057)	ND(0.0055)	ND(0.0058)	ND(0.0058)	ND(0.010)
Semivolatile Organics							
1,2,4-Trichlorobenzene	ND(0.49)	ND(5.2)	ND(0.38)	ND(0.37)	ND(0.39)	ND(0.39)	ND(0.68)
1,3-Dichlorobenzene	ND(0.49)	ND(5.2)	ND(0.38)	ND(0.37)	ND(0.39)	ND(0.39)	ND(0.68)
1,4-Dichlorobenzene	ND(0.49)	ND(5.2)	ND(0.38)	ND(0.37)	ND(0.39)	ND(0.39)	ND(0.68)
1,4-Naphthoquinone	ND(0.98) J	ND(5.2) J	ND(0.76)	ND(0.74) J	ND(0.78) J	ND(0.78) J	ND(1.4) J
2,4-Dimethylphenol	ND(0.49)	ND(5.2)	ND(0.38)	ND(0.37)	ND(0.39)	ND(0.39)	ND(0.68)
2,4-Dinitrotoluene	ND(0.49)	ND(5.2)	ND(0.38)	ND(0.37)	ND(0.39)	ND(0.39)	ND(0.68)
2-Chloronaphthalene	ND(0.49)	ND(5.2)	ND(0.38)	ND(0.37)	ND(0.39)	ND(0.39)	ND(0.68)
2-Methylnaphthalene	ND(0.49)	ND(5.2)	ND(0.38)	ND(0.37)	ND(0.39)	ND(0.39)	0.31 J
2-Methylphenol	ND(0.49)	ND(5.2)	ND(0.38)	ND(0.37)	ND(0.39)	ND(0.39)	ND(0.68)
3&4-Methylphenol	ND(0.98)	ND(5.2)	ND(0.76)	ND(0.74)	ND(0.78)	ND(0.78)	ND(1.4)
3,3'-Dichlorobenzidine	ND(0.98)	ND(10)	ND(0.76)	ND(0.74)	ND(0.78)	ND(0.78)	ND(1.4)
Acenaphthene	ND(0.49)	38	ND(0.38)	0.46	ND(0.39)	ND(0.39)	ND(0.68)
Acenaphthylene	0.43 J	2.5 J	0.76	0.14 J	0.16 J	ND(0.39)	0.60 J
Aniline	ND(0.49)	9.5	ND(0.38)	ND(0.37)	0.16 J	ND(0.39)	3.3
Anthracene	0.41 J	1.3 J	0.47	ND(0.37)	0.23 J	ND(0.39)	1.7
Benzo(a)anthracene	1.4	4.4 J	1.5	0.15 J	0.62	ND(0.39)	3.6
Benzo(a)pyrene	1.5	5.6	1.6	0.15 J	0.57	ND(0.39)	3.0
Benzo(b)fluoranthene	1.9	8.4	2.0	0.20 J	0.78	ND(0.39)	4.3
Benzo(g,h,i)perylene	1.6	5.5	1.4	ND(0.37)	0.53	ND(0.39)	2.6
Benzo(k)fluoranthene	0.72	3.2 J	0.73	ND(0.37)	0.25 J	ND(0.39)	1.6
Benzyl Alcohol	ND(0.98) J	ND(10)	ND(0.76) J	ND(0.74)	ND(0.78)	ND(0.78)	ND(1.4)
bis(2-Ethylhexyl)phthalate	0.29 J	ND(2.6)	ND(0.37)	ND(0.37)	ND(0.38)	ND(0.38)	1.4
Butylbenzylphthalate	ND(0.49)	ND(5.2)	ND(0.38)	ND(0.37)	ND(0.39)	ND(0.39)	ND(0.68)
Chrysene	1.5	4.8 J	1.6	ND(0.37)	0.70	ND(0.39)	5.5
Dibenzo(a,h)anthracene	0.40 J	ND(5.2)	0.40	ND(0.37)	ND(0.39)	ND(0.39)	0.39 J
Dibenzofuran	ND(0.49)	ND(5.2)	ND(0.38)	ND(0.37)	ND(0.39)	ND(0.39)	ND(0.68)
Di-n-Butylphthalate	0.22 J	ND(5.2)	ND(0.38)	ND(0.37)	ND(0.39)	ND(0.39)	ND(0.68)
Fluoranthene	3.0	6.7	2.8	0.29 J	1.2	ND(0.39)	9.6
Fluorene	0.13 J	ND(5.2)	ND(0.38)	ND(0.37)	0.085 J	ND(0.39)	0.86
Hexachlorophene	ND(0.98) J	ND(10) J	ND(0.76) J	ND(0.74) J	ND(0.78) J	ND(0.78) J	ND(1.4) J
Indeno(1,2,3-cd)pyrene	1.2	4.4 J	1.1	ND(0.37)	0.40	ND(0.39)	2.1
Naphthalene	ND(0.49)	ND(5.2)	ND(0.38)	ND(0.37)	ND(0.39)	ND(0.39)	0.74
Nitrobenzene	ND(0.49)	ND(5.2)	ND(0.38)	ND(0.37)	ND(0.39)	ND(0.39)	ND(0.68)
p-Dimethylaminoazobenzene	ND(0.98)	ND(5.2)	ND(0.76)	ND(0.74)	ND(0.78)	ND(0.78)	ND(1.4)
Phenanthrene	1.3	2.1 J	0.86	0.14 J	0.76	ND(0.39)	3.8
Phenol	0.40 J	ND(5.2)	ND(0.38)	ND(0.37)	ND(0.39)	ND(0.39)	ND(0.68)
Pyrene	2.8	12	2.5	0.27 J	1.1	ND(0.39)	11
Furans							
2,3,7,8-TCDF	0.000013 Y	0.0014 Y	0.000033 Y	0.0000078 Y	0.000011 Y	0.0000065 Y	0.00028 Y
TCDFs (total)	0.00012 J	0.031 IJ	0.000038 IJ	0.000022 IJ	0.000070 J	0.000065	0.0035 I
1,2,3,7,8-PeCDF	0.0000094	0.00025	0.0000043	0.0000028	0.0000060	0.0000058	0.000081
2,3,4,7,8-PeCDF	0.000011	0.00036	0.0000042	0.0000026	0.0000067	0.0000095	0.00017
PeCDFs (total)	0.00021	0.028 I	0.000070 I	0.000027 I	0.000086	0.000078	0.0032 I
1,2,3,4,7,8-HxCDF	0.000022	0.0040	0.0000095	0.0000060	0.000014	0.000018	0.00041
1,2,3,6,7,8-HxCDF	0.000018	0.00089	0.0000073	0.0000035	0.0000080	0.0000080	0.00023
1,2,3,7,8,9-HxCDF	0.0000038	0.000058	ND(0.0000038)	0.0000013	ND(0.0000033)	ND(0.0000026)	ND(0.000010)
2,3,4,6,7,8-HxCDF	0.000012	0.00036	0.0000052	0.0000021	0.0000057	0.0000072	0.00013
HxCDFs (total)	0.00030	0.030 I	0.00017 I	0.000022	0.00011	0.000056	0.0043 I
1,2,3,4,6,7,8-HpCDF	0.00013	0.0032	0.00010	ND(0.000020) X	0.000069 J	0.000051 J	0.00098 J
1,2,3,4,7,8,9-HpCDF	0.000015	0.00092	0.000010	ND(0.0000039) X	0.0000047	0.0000044	0.00018
HpCDFs (total)	0.00036	0.0080	0.00039	0.0000030	0.00019 J	0.000066 J	0.0029 J
OCDF	0.00020	0.0016	0.00028	0.0000096	0.000090	0.000012	0.0011

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	RA-3-SB-1 0-1 06/10/03	RA-3-SB-1 1-3 06/10/03	RA-3-SB-4 0-1 06/10/03	RA-3-SB-4 1-3 06/10/03	RA-3-SB-8 0-1 06/11/03	RA-3-SB-8 1-3 06/11/03	RA-3-SB-9 0-1 06/11/03
Dioxins							
2,3,7,8-TCDD	0.000012	ND(0.000046)	ND(0.0000018)	ND(0.0000026)	ND(0.0000030)	ND(0.0000025)	ND(0.0000058)
TCDDs (total)	0.000040	0.0012	ND(0.000046)	0.000014	ND(0.0000077)	0.000014	ND(0.00011)
1,2,3,7,8-PeCDD	0.0000068	ND(0.000046)	0.0000048	0.0000024	ND(0.0000054)	ND(0.0000051)	ND(0.0000041)
PeCDDs (total)	ND(0.0000082)	ND(0.0016)	0.0000075	0.000013	ND(0.0000061)	0.000023	ND(0.00026)
1,2,3,4,7,8-HxCDD	0.000015	0.00019	0.0000084	0.0000037	0.0000085	0.0000035	0.000032
1,2,3,6,7,8-HxCDD	0.000029	0.00034	0.000038	0.0000033	0.000027	0.0000052	0.000089
1,2,3,7,8,9-HxCDD	0.000024	0.00027	0.000016	0.0000037	0.000016	0.0000071	0.000089
HxCDDs (total)	0.00014	0.0016	0.00012	0.000039	0.00012	0.000075	0.00060
1,2,3,4,6,7,8-HpCDD	0.00039	0.0016	0.00095	0.000013	0.00038	0.000038	0.0013
HpCDDs (total)	0.00064	0.0029	0.0014	0.000027	0.00062 J	0.000083	0.0022
OCDD	0.0022	0.0038	0.012	0.00010	0.0031	0.00066	0.0068
Total TEQs (WHO TEFs)	0.000033	0.0010	0.000031	0.0000074	0.000018	0.000012	0.00025
Inorganics							
Antimony	1.60 B	5.20 B	ND(6.00)	ND(6.00)	1.40 B	1.60 B	3.60 B
Arsenic	4.60	8.50	4.10	8.90	8.50	8.40	31.0
Barium	ND(20.0)	42.0	42.0	48.0	38.0	60.0	150
Beryllium	0.160 B	0.300 B	0.280 B	0.280 B	0.170 B	0.150 B	0.270 B
Cadmium	0.660	6.00	ND(0.500)	0.0780 B	0.640	0.330 B	13.0
Chromium	12.0	29.0	8.20	9.50	14.0	19.0	94.0
Cobalt	9.40	5.80	6.90	6.30	3.90 B	4.00 B	6.00
Copper	48.0	370	19.0	120	160	150	590
Cyanide	1.80 J	0.860 J	0.0440 J	0.0790 J	0.320 J	0.160 J	1.10 J
Lead	130	580	31.0	92.0	170 J	160 J	400 J
Mercury	0.220	2.00 J	0.0590 B	0.0930 B	0.0800 B	0.0180 B	2.10
Nickel	26.0	28.0	14.0	30.0	28.0 J	36.0 J	32.0 J
Selenium	ND(1.10) J	0.940 J	0.620 J	0.730 J	0.670 J	1.40 J	1.40 J
Silver	0.320 B	5.00 J	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	17.0
Sulfide	9.40	200	38.0	14.0	15.0	ND(5.80)	880
Thallium	ND(1.50) J	ND(1.60) J	ND(1.10) J	ND(1.10) J	1.70 J	2.00 J	ND(2.00) J
Tin	ND(10.0)	52.0 J	ND(10.0)	ND(11.0)	ND(18.0)	ND(14.0)	78.0
Vanadium	19.0	19.0	12.0	12.0	16.0	14.0	55.0
Zinc	240	300	54.0	120	250	190	2400

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	RA-3-SB-9 1-3 06/11/03	RA-3-SB-11 0-1 06/11/03	RA-3-SB-11 1-3 06/11/03	RA-3-SB-15 0-1 06/11/03	RA-3-SB-15 1-3 06/11/03	RA-4-SB-3 0-1 06/11/03
Volatile Organics						
2-Butanone	ND(0.014)	ND(0.012)	ND(0.011) [ND(0.011)]	ND(0.011)	ND(0.011)	ND(0.011)
Acetone	0.024 J	ND(0.024)	ND(0.022) [ND(0.022)]	ND(0.022)	ND(0.022)	ND(0.022)
Chlorobenzene	ND(0.0070)	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)	ND(0.0055)
Ethylbenzene	ND(0.0070)	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)	ND(0.0055)
Toluene	ND(0.0070)	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)	ND(0.0055)
Semivolatile Organics						
1,2,4-Trichlorobenzene	0.52 J	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)	ND(0.37)
1,3-Dichlorobenzene	ND(0.60)	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)	ND(0.37)
1,4-Dichlorobenzene	0.53 J	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)	ND(0.37)
1,4-Naphthoquinone	ND(0.94) J	ND(0.81) J	ND(0.74) J [ND(0.75) J]	ND(0.73) J	ND(0.73) J	ND(0.74) J
2,4-Dimethylphenol	ND(0.60)	ND(0.47)	ND(0.37) [ND(0.37)]	1.8	2.3	ND(0.37)
2,4-Dinitrotoluene	ND(0.60)	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)	ND(0.37)
2-Chloronaphthalene	ND(0.60)	ND(0.47)	ND(0.37) [ND(0.37)]	0.39	ND(0.36)	ND(0.37)
2-Methylnaphthalene	0.58 J	0.46 J	1.9 [1.8]	48	51	0.28 J
2-Methylphenol	1.8	ND(0.47)	ND(0.37) [ND(0.37)]	1.2	1.6	ND(0.37)
3&4-Methylphenol	ND(0.94)	ND(0.81)	ND(0.74) [ND(0.75)]	3.1	4.1	ND(0.74)
3,3'-Dichlorobenzidine	ND(1.2)	ND(0.94)	ND(0.74) [ND(0.75)]	ND(0.73)	ND(0.73)	ND(0.74)
Acenaphthene	ND(0.60)	0.71	2.1 [2.9]	98	92	1.0
Acenaphthylene	1.1	1.3	2.6 [2.7]	ND(0.36)	ND(0.36)	1.3
Aniline	33	ND(0.47)	0.18 J [0.19 J]	ND(0.36)	ND(0.36)	ND(0.37)
Anthracene	ND(0.60)	2.3	6.9 [8.1]	150	130	1.8
Benzo(a)anthracene	2.4	7.4	16 [21]	190	150	4.5
Benzo(a)pyrene	2.6	6.1	3.3 [4.5]	140	120	3.8
Benzo(b)fluoranthene	4.1	7.8	17 [21]	160	92	4.4
Benzo(g,h,i)perylene	2.0	4.3	9.4 [10]	86	79	3.0
Benzo(k)fluoranthene	1.6	2.9	5.9 [8.0]	65	59	1.8
Benzyl Alcohol	ND(1.2)	ND(0.94)	ND(0.74) [ND(0.75)]	ND(0.73)	ND(0.73)	ND(0.74)
bis(2-Ethylhexyl)phthalate	2.6	ND(0.40)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)	ND(0.36)
Butylbenzylphthalate	ND(0.60)	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)	ND(0.37)
Chrysene	3.7	8.0	17 [21]	170	140	4.3
Dibenzo(a,h)anthracene	ND(0.60)	1.1	0.81 [0.96]	36	23 J	0.80
Dibenzofuran	ND(0.60)	0.44 J	2.0 [2.2]	58	53	0.41
Di-n-Butylphthalate	ND(0.60)	0.24 J	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)	0.51
Fluoranthene	1.7	22	38 [45]	490	390	9.7
Fluorene	ND(0.60)	0.71	3.2 [3.8]	100	90	0.89
Hexachlorophene	ND(1.2) J	ND(0.94) J	ND(0.74) J [ND(0.75) J]	ND(0.73) J	ND(0.73) J	ND(0.74) J
Indeno(1,2,3-cd)pyrene	1.7	3.7	8.4 [8.9]	78	64	2.5
Naphthalene	0.62	0.90	2.4 [1.7]	130	160	0.50
Nitrobenzene	ND(0.60)	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)	ND(0.37)
p-Dimethylaminoazobenzene	ND(0.94)	ND(0.81)	ND(0.74) [ND(0.75)]	ND(0.73)	ND(0.73)	ND(0.74)
Phenanthrene	ND(0.60)	9.4	30 [33]	570	470	5.8
Phenol	1.8	0.83	0.44 [0.42]	2.1	2.9	ND(0.37)
Pyrene	7.6	20	33 [42]	400	290	8.4
Furans						
2,3,7,8-TCDF	0.0022 Y	0.000035 Y	0.000010 Y [0.0000081 Y]	0.0000018 Y	0.0000026 Y	0.000053 Y
TCDFs (total)	0.044 I	0.00045 I	0.000041 J [0.000070 IJ]	0.000014 I	0.000011 I	0.00049 I
1,2,3,7,8-PeCDF	0.00074	0.000014	0.0000042 [0.0000064]	0.00000088	ND(0.00000021)	0.000022
2,3,4,7,8-PeCDF	0.00048	0.000020	0.0000043 [0.0000068]	0.0000011	0.0000011	0.000023
PeCDFs (total)	0.032 I	0.00039 I	0.000047 J [0.000084 IJ]	0.000018 I	0.000014 I	0.00038 I
1,2,3,4,7,8-HxCDF	0.0089 I	0.000026	0.000010 [0.000011]	0.0000024	0.0000021	0.000041
1,2,3,6,7,8-HxCDF	0.0023	0.000021	0.0000068 [0.0000079]	0.0000021	0.0000012	0.000027
1,2,3,4,7,8,9-HxCDF	0.00024	0.0000016	ND(0.00000038) [0.0000022]	ND(0.00000016)	ND(0.00000014)	ND(0.00000032)
2,3,4,6,7,8-HxCDF	0.00054	0.000017	0.0000037 [0.0000047]	0.0000012	0.00000099	0.000014
HxCDFs (total)	0.048 I	0.00044 I	0.000069 [0.00010 I]	0.000029 I	0.000023	0.00040 I
1,2,3,4,6,7,8-HpCDF	0.0072 J	ND(0.000080) X	0.000030 J [0.000024 J]	0.000015 J	0.0000070 J	0.000089 J
1,2,3,4,7,8,9-HpCDF	0.0038	0.000011	0.0000077 [0.0000057]	0.0000032	ND(0.00000023)	0.000012
HpCDFs (total)	0.020 IJ	0.00016 J	0.000073 J [0.000053 J]	0.000031 J	0.000015 J	0.00020 J
OCDF	0.0046	0.00010	0.000024 [0.000021]	0.0000084	0.0000059	0.000054

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	RA-3-SB-9 1-3 06/11/03	RA-3-SB-11 0-1 06/11/03	RA-3-SB-11 1-3 06/11/03	RA-3-SB-15 0-1 06/11/03	RA-3-SB-15 1-3 06/11/03	RA-4-SB-3 0-1 06/11/03
Dioxins						
2,3,7,8-TCDD	0.000090	0.000023	ND(0.0000038) [0.0000030]	ND(0.0000014)	ND(0.00000060)	ND(0.00000039)
TCDDs (total)	0.0014	0.000031	0.0000021 J [0.0000042 J]	0.0000028	ND(0.0000020)	0.000010
1,2,3,7,8-PeCDD	ND(0.000043)	0.000013	ND(0.0000058) [0.0000036]	ND(0.0000045)	ND(0.0000033)	ND(0.0000020)
PeCDDs (total)	ND(0.00053)	0.000013	0.0000013 J [0.0000037 J]	ND(0.000012)	ND(0.0000068)	ND(0.000058)
1,2,3,4,7,8-HxCDD	0.00023	0.000015	ND(0.0000040) [0.0000047]	0.0000034	0.0000019	0.000013
1,2,3,6,7,8-HxCDD	0.00041	0.000037	0.0000037 [0.0000052]	0.0000054	0.0000083	0.000027
1,2,3,7,8,9-HxCDD	0.00033	0.000036	0.0000035 [0.0000043]	0.0000049	ND(0.0000018)	0.000024
HxCDDs (total)	0.0040	0.00020	0.000027 [0.000022]	0.000022	0.0000043	0.00012
1,2,3,4,6,7,8-HpCDD	0.0035	0.00041	0.000049 [0.000034]	0.000068	0.0000090	0.00030
HpCDDs (total)	0.0064	0.00069	0.000093 [0.000062]	0.00011	0.000017	0.00050
OCDD	0.0091	0.0022	0.00025 [0.00022]	0.00037	0.000052	0.0016
Total TEQs (WHO TEFs)	0.0020	0.000070	0.0000075 [0.000016]	0.0000039	0.0000019	0.000038
Inorganics						
Antimony	1.10 B	1.10 B	1.20 B [ND(6.00)]	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	10.0	6.60	9.90 [8.20]	6.50	8.10	7.50
Barium	16.0 B	38.0	58.0 [48.0]	56.0	50.0	46.0
Beryllium	0.150 B	0.120 B	0.200 B [0.180 B]	0.200 B	0.170 B	0.250 B
Cadmium	1.30	0.450 B	0.240 B [0.100 B]	0.0820 B	ND(0.500)	0.0840 B
Chromium	12.0	10.0	9.60 [8.00]	6.00	6.70	7.40
Cobalt	8.60	4.70 B	8.40 [8.20]	4.60 B	6.90	7.20
Copper	130	54.0	100 [89.0]	46.0	32.0	34.0
Cyanide	0.540 J	0.320 J	3.80 J [3.30 J]	0.210 J	0.0790 J	0.200 J
Lead	380 J	160 J	150 J [95.0 J]	110 J	76.0 J	61.0 J
Mercury	5.50	1.00	2.80 [1.70]	0.370	0.150	0.280
Nickel	19.0 J	19.0 J	59.0 J [27.0 J]	10.0 J	14.0 J	15.0 J
Selenium	1.00 J	ND(1.00) J	ND(1.00) J [ND(1.00) J]	ND(1.00) J	ND(1.00) J	0.690 J
Silver	1.40	ND(1.00)	ND(1.00) [ND(1.00)]	ND(1.00)	0.150 B	ND(1.00)
Sulfide	1300	42.0	8.90 [ND(5.60)]	14.0	63.0	19.0
Thallium	ND(1.40) J	1.00 J	ND(1.10) J [ND(1.10) J]	ND(1.10) J	ND(1.10) J	ND(1.10) J
Tin	22.0	ND(13.0)	150 [99.0]	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium	5.50	25.0	16.0 [13.0]	8.80	7.50	16.0
Zinc	99.0	140	170 [120]	120	88.0	87.0

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	RA-4-SB-3 1-3 06/11/03	RA-4-SB-7 0-1 06/11/03	RA-4-SB-7 1-3 06/11/03	RA-4-SB-10 0-1 06/11/03	RA-4-SB-10 1-3 06/11/03	RA-4-SB-13 0-1 06/12/03	RA-4-SB-13 1-3 06/12/03
Volatile Organics							
2-Butanone	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)
Acetone	ND(0.023)	ND(0.024)	ND(0.022)	ND(0.025)	ND(0.023)	ND(0.024)	ND(0.023)
Chlorobenzene	ND(0.0057)	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)	ND(0.0060)	ND(0.0058)
Ethylbenzene	ND(0.0057)	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)	ND(0.0060)	ND(0.0058)
Toluene	ND(0.0057)	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)	ND(0.0060)	ND(0.0058)
Semivolatile Organics							
1,2,4-Trichlorobenzene	ND(0.44)	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)	ND(0.45)	ND(0.39)
1,3-Dichlorobenzene	ND(0.44)	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)	ND(0.45)	ND(0.39)
1,4-Dichlorobenzene	ND(0.44)	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)	ND(0.45)	ND(0.39)
1,4-Naphthoquinone	ND(0.77) J	ND(0.82) J	ND(0.73) J	ND(0.84) J	ND(0.77) J	ND(0.80)	ND(0.78)
2,4-Dimethylphenol	0.28 J	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)	ND(0.45)	ND(0.39)
2,4-Dinitrotoluene	ND(0.44)	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)	ND(0.45)	ND(0.39)
2-Chloronaphthalene	ND(0.44)	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)	ND(0.45)	ND(0.39)
2-Methylnaphthalene	0.12 J	ND(0.41)	ND(0.36)	0.27 J	ND(0.38)	ND(0.45)	ND(0.39)
2-Methylphenol	ND(0.44)	ND(0.41)	ND(0.36)	ND(0.46)	0.21 J	ND(0.45)	ND(0.39)
3&4-Methylphenol	ND(0.77)	ND(0.82)	ND(0.73)	ND(0.84)	ND(0.77)	ND(0.80)	ND(0.78)
3,3'-Dichlorobenzidine	ND(0.88)	ND(0.82)	ND(0.73)	ND(0.92)	ND(0.77)	ND(0.90)	ND(0.78)
Acenaphthene	ND(0.44)	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)	ND(0.45)	ND(0.39)
Acenaphthylene	1.1	0.17 J	0.91	2.0	0.31 J	0.11 J	0.098 J
Aniline	ND(0.44)	ND(0.41)	ND(0.36)	1.1	ND(0.38)	ND(0.45)	ND(0.39)
Anthracene	0.59	ND(0.41)	0.52	1.5	0.12 J	ND(0.45)	ND(0.39)
Benzo(a)anthracene	1.7	ND(0.41)	1.4	3.6	0.22 J	0.34 J	0.12 J
Benzo(a)pyrene	1.6	ND(0.41)	1.6	4.0	0.30 J	0.33 J	ND(0.39)
Benzo(b)fluoranthene	2.2	ND(0.41)	2.1	5.3	0.35 J	0.27 J	0.15 J
Benzo(g,h,i)perylene	1.2	ND(0.41)	1.5	4.4	0.33 J	ND(0.45)	ND(0.39)
Benzo(k)fluoranthene	0.79	ND(0.41)	0.87	2.0	0.13 J	0.18 J	ND(0.39)
Benzyl Alcohol	ND(0.88)	ND(0.82)	ND(0.73)	ND(0.92)	ND(0.77)	ND(0.90)	ND(0.78)
bis(2-Ethylhexyl)phthalate	ND(0.38)	ND(0.40)	ND(0.36)	ND(0.41)	ND(0.38)	ND(0.40)	ND(0.39)
Butylbenzylphthalate	ND(0.44)	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)	ND(0.45)	ND(0.39)
Chrysene	2.0	ND(0.41)	1.5	4.3	0.25 J	0.45 J	0.15 J
Dibenzo(a,h)anthracene	ND(0.44)	ND(0.41)	0.43	0.99	ND(0.38)	ND(0.45)	ND(0.39)
Dibenzofuran	ND(0.44)	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)	ND(0.45)	ND(0.39)
Di-n-Butylphthalate	ND(0.44)	ND(0.41)	ND(0.36)	0.68	ND(0.38)	ND(0.45)	ND(0.39)
Fluoranthene	3.4	0.11 J	2.4	8.3	0.44	0.89	0.30 J
Fluorene	0.26 J	ND(0.41)	0.11 J	0.30 J	ND(0.38)	ND(0.45)	ND(0.39)
Hexachlorophene	ND(0.88) J	ND(0.82) J	ND(0.73) J	ND(0.92) J	ND(0.77) J	ND(0.90) J	ND(0.78) J
Indeno(1,2,3-cd)pyrene	1.1	ND(0.41)	1.2	3.3	0.22 J	ND(0.45)	0.12 J
Naphthalene	0.13 J	ND(0.41)	0.075 J	0.31 J	ND(0.38)	ND(0.45)	ND(0.39)
Nitrobenzene	ND(0.44)	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)	ND(0.45)	ND(0.39)
p-Dimethylaminoazobenzene	ND(0.77)	ND(0.82)	ND(0.73)	ND(0.84)	ND(0.77)	ND(0.80)	ND(0.78)
Phenanthrene	1.8	0.090 J	0.65	2.8	0.18 J	0.45	0.14 J
Phenol	0.67	ND(0.41)	ND(0.36)	ND(0.46)	0.75	ND(0.45)	ND(0.39)
Pyrene	3.3	0.10 J	2.4	7.5	0.46	0.86	0.28 J
Furans							
2,3,7,8-TCDF	0.000073 Y	ND(0.000012)	0.000050 Y	0.00019 Y	0.000025 Y	ND(0.000021) Y	ND(0.000020) Y
TCDFs (total)	0.00081 I	ND(0.000012)	0.000036	0.0017 I	0.00028 I	0.00045	0.00014
1,2,3,7,8-PeCDF	0.000039	ND(0.0000047)	0.000076	0.000098	0.000020	0.000015	ND(0.0000063) X
2,3,4,7,8-PeCDF	0.000035	ND(0.0000028)	0.000078	0.000096	0.000018	0.000011	ND(0.0000048) X
PeCDFs (total)	0.00090 I	ND(0.0000032)	0.000056	0.0020 I	0.00041 I	0.00024	0.000035
1,2,3,4,7,8-HxCDF	0.000065	ND(0.0000050)	0.000014	0.00016	0.000033	0.00021 I	0.000086 I
1,2,3,6,7,8-HxCDF	0.000047	0.0000026	0.000093	0.00010	0.000031	0.000078	0.0000054
1,2,3,7,8,9-HxCDF	0.000023	ND(0.0000011)	0.000053	ND(0.0000021)	0.000088	ND(0.0000016)	ND(0.0000011)
2,3,4,6,7,8-HxCDF	0.000019	0.0000097	ND(0.0000063)	0.000064	0.000014	ND(0.0000080) X	ND(0.0000092)
HxCDFs (total)	0.00073 I	0.000034	0.000076	0.0021 I	0.00035 I	0.00047	0.00014
1,2,3,4,6,7,8-HpCDF	0.00010 J	0.000023 J	0.000026 J	0.00035 J	0.000062 J	0.000046	0.000045
1,2,3,4,7,8,9-HpCDF	0.000019	ND(0.0000085)	0.000010	0.000045	0.000020	0.000052	ND(0.0000013)
HpCDFs (total)	0.00023 J	0.000040 J	0.000056 J	0.00085 J	0.00013 J	0.000052	0.000045
OCDF	0.000055	0.000014	0.000032	0.00030	0.000062	0.000053	0.00020

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	RA-4-SB-3 1-3 06/11/03	RA-4-SB-7 0-1 06/11/03	RA-4-SB-7 1-3 06/11/03	RA-4-SB-10 0-1 06/11/03	RA-4-SB-10 1-3 06/11/03	RA-4-SB-13 0-1 06/12/03	RA-4-SB-13 1-3 06/12/03
Dioxins							
2,3,7,8-TCDD	ND(0.0000064)	ND(0.0000026)	ND(0.0000056)	0.000042	0.000019	ND(0.0000012)	ND(0.0000011)
TCDDs (total)	0.000042	ND(0.0000013)	ND(0.0000047)	0.000030	0.0000067	ND(0.0000012)	ND(0.0000011)
1,2,3,7,8-PeCDD	ND(0.0000042)	ND(0.0000011)	ND(0.0000018)	ND(0.0000028)	0.0000096	ND(0.0000040)	ND(0.0000039)
PeCDDs (total)	ND(0.0000040)	ND(0.0000010)	ND(0.0000016)	ND(0.0000010)	0.0000096	ND(0.0000040)	ND(0.0000039)
1,2,3,4,7,8-HxCDD	0.0000030	0.0000055	0.0000076	0.0000099	0.000012	ND(0.0000030)	ND(0.0000024)
1,2,3,6,7,8-HxCDD	ND(0.0000010)	0.000011	0.0000072	0.000022	0.000012	ND(0.0000027)	0.0000087
1,2,3,7,8,9-HxCDD	ND(0.0000010)	0.0000091	ND(0.00000075)	0.000020	0.000011	ND(0.0000027)	0.0000066
HxCDDs (total)	0.000017	0.000057	0.000014	0.000020	0.000043	ND(0.0000027)	0.000015
1,2,3,4,6,7,8-HpCDD	0.000013	0.000013	0.000031	0.00053	0.000041	0.000076	0.00018
HpCDDs (total)	0.000025	0.00021	0.000055	0.0011	0.000075	0.00016	0.00030
OCDD	0.000052	0.00058	0.00022	0.0029	0.00021	0.00045	0.0011
Total TEQs (WHO TEFs)	0.000042	0.0000066	0.000011	0.00012	0.000037	0.000034	0.000018
Inorganics							
Antimony	1.10 B	ND(6.00)	ND(6.00)	1.80 B	ND(6.00)	1.70 B	1.10 B
Arsenic	7.00	3.30	5.50	8.80	9.60	5.20	8.90
Barium	82.0	38.0	26.0	67.0	51.0	39.0	36.0
Beryllium	0.270 B	0.330 B	0.220 B	0.300 B	0.440 B	0.210 B	0.430 B
Cadmium	0.260 B	ND(0.500)	0.100 B	1.30	ND(0.500)	0.220 B	ND(0.500)
Chromium	6.90	9.20	7.10	12.0	10.0	8.10	9.40
Cobalt	12.0	8.00	6.30	30.0	14.0	6.80	13.0
Copper	39.0	14.0	31.0	120	29.0	28.0	26.0
Cyanide	0.210 J	0.0660 J	0.0700 J	0.400 J	0.0550 J	0.480	0.470
Lead	65.0 J	5.80 J	58.0 J	370 J	24.0 J	82.0	28.0
Mercury	0.570	ND(0.120)	0.0560 B	0.550	0.0640 B	0.730	0.0590 B
Nickel	13.0 J	13.0 J	14.0 J	52.0 J	26.0 J	12.0	24.0
Selenium	ND(1.00) J	ND(1.00) J	ND(1.00) J	1.10 J	0.780 J	ND(1.20) J	ND(1.20) J
Silver	0.500 B	ND(1.00)	ND(1.00)	0.320 B	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	26.0	670	16.0	560	28.0	7.70	ND(5.80)
Thallium	ND(1.10) J	ND(1.20) J	ND(1.10) J	ND(1.20) J	ND(1.20) J	6.20 J	6.60 J
Tin	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium	8.50	12.0	9.90	25.0	10.0	11.0	9.50
Zinc	62.0	41.0	72.0	310	150	84.0	76.0

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	RA-5-SB-2 0-1 06/12/03	RA-5-SB-2 1-3 06/12/03	RA-5-SB-5 0-1 06/12/03	RA-5-SB-5 1-3 06/12/03
Volatile Organics				
2-Butanone	ND(0.013)	ND(0.012)	ND(0.013)	ND(0.014)
Acetone	ND(0.025)	ND(0.024)	ND(0.025)	ND(0.029)
Chlorobenzene	ND(0.0064)	ND(0.0061)	ND(0.0064)	ND(0.0073)
Ethylbenzene	ND(0.0064)	ND(0.0061)	ND(0.0064)	ND(0.0073)
Toluene	ND(0.0064)	ND(0.0061)	ND(0.0064)	ND(0.0073)
Semivolatile Organics				
1,2,4-Trichlorobenzene	ND(1.2)	ND(0.65)	ND(0.89)	ND(0.48)
1,3-Dichlorobenzene	0.31 J	0.14 J	ND(0.89)	ND(0.48)
1,4-Dichlorobenzene	0.69 J	0.17 J	ND(0.89)	ND(0.48)
1,4-Naphthoquinone	ND(1.2)	ND(0.82)	ND(0.89)	ND(0.97)
2,4-Dimethylphenol	ND(1.2)	ND(0.65)	ND(0.89)	ND(0.48)
2,4-Dinitrotoluene	ND(1.2)	ND(0.65)	ND(0.89)	ND(0.48)
2-Chloronaphthalene	ND(1.2)	ND(0.65)	ND(0.89)	ND(0.48)
2-Methylnaphthalene	1.1 J	0.72	ND(0.89)	ND(0.48)
2-Methylphenol	5.6	0.15 J	0.94	0.37 J
3&4-Methylphenol	12	ND(0.82)	1.5	0.46 J
3,3'-Dichlorobenzidine	ND(2.4)	ND(1.3)	ND(1.8)	ND(0.97)
Acenaphthene	ND(1.2)	ND(0.65)	ND(0.89)	ND(0.48)
Acenaphthylene	ND(1.2)	ND(0.65)	ND(0.89)	ND(0.48)
Aniline	180	1.7	0.45 J	0.34 J
Anthracene	1.5	0.59 J	ND(0.89)	0.22 J
Benzo(a)anthracene	1.2	1.5	0.60 J	0.43 J
Benzo(a)pyrene	0.82 J	1.4	0.59 J	0.36 J
Benzo(b)fluoranthene	1.5	1.4	0.99	0.49
Benzo(g,h,i)perylene	0.71 J	ND(0.65)	0.65 J	0.33 J
Benzo(k)fluoranthene	0.52 J	1.5	0.38 J	0.18 J
Benzyl Alcohol	ND(2.4)	ND(1.3)	ND(1.8)	ND(0.97)
bis(2-Ethylhexyl)phthalate	ND(0.59)	ND(0.40)	1.1	0.36 J
Butylbenzylphthalate	ND(1.2)	ND(0.65)	1.5	ND(0.48)
Chrysene	1.6	2.5	0.69 J	0.44 J
Dibenzo(a,h)anthracene	ND(1.2)	ND(0.65)	ND(0.89)	ND(0.48)
Dibenzofuran	ND(1.2)	ND(0.65)	ND(0.89)	ND(0.48)
Di-n-Butylphthalate	ND(1.2)	ND(0.65)	ND(0.89)	ND(0.48)
Fluoranthene	3.4	3.3	1.5	1.1
Fluorene	2.3	0.91	ND(0.89)	0.13 J
Hexachlorophene	ND(2.4) J	ND(1.3) J	ND(1.8) J	ND(0.97) J
Indeno(1,2,3-cd)pyrene	0.57 J	0.77	0.50 J	0.24 J
Naphthalene	1.0 J	0.56 J	ND(0.89)	ND(0.48)
Nitrobenzene	ND(1.2)	ND(0.65)	ND(0.89)	ND(0.48)
p-Dimethylaminoazobenzene	ND(1.2)	ND(0.82)	ND(0.89)	ND(0.97)
Phenanthrene	4.6	2.8	0.68 J	0.71
Phenol	8.4	ND(0.65)	4.3	1.5
Pyrene	5.8	5.1	1.2	1.0
Furans				
2,3,7,8-TCDF	0.0013 Y	0.00016 Y	0.000022 Y	0.000034 Y
TCDFs (total)	0.011	0.0037	0.00019	0.00057
1,2,3,7,8-PeCDF	0.0018 I	0.00046 I	0.000029 I	0.000054 I
2,3,4,7,8-PeCDF	0.00076	0.00013	0.000024	0.000032
PeCDFs (total)	0.0034	0.00067	0.00060	0.00038
1,2,3,4,7,8-HxCDF	0.030 I	0.0058 I	0.00060 I	ND(0.000088)
1,2,3,6,7,8-HxCDF	0.0011	0.00015	0.000028	0.000026
1,2,3,7,8,9-HxCDF	ND(0.000075)	ND(0.000025)	ND(0.000020)	ND(0.000011)
2,3,4,6,7,8-HxCDF	ND(0.00043) X	0.000078	0.000051	0.000044
HxCDFs (total)	0.044	0.0086	0.0023	0.0014
1,2,3,4,6,7,8-HpCDF	0.0024	0.00044	0.00057	0.00034
1,2,3,4,7,8,9-HpCDF	0.00078	0.00018	ND(0.000028) X	ND(0.000033) X
HpCDFs (total)	0.0033	0.00066	0.00057	0.00034
OCDF	0.0019	0.00033	0.0013	0.00068

**TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	RA-5-SB-2 0-1 06/12/03	RA-5-SB-2 1-3 06/12/03	RA-5-SB-5 0-1 06/12/03	RA-5-SB-5 1-3 06/12/03
Dioxins				
2,3,7,8-TCDD	ND(0.000036)	ND(0.00039) X	ND(0.0000015)	ND(0.0000092)
TCDDs (total)	0.0018	0.00043	ND(0.0000015)	ND(0.0000092)
1,2,3,7,8-PeCDD	ND(0.00021)	ND(0.000062)	ND(0.000010)	ND(0.000030)
PeCDDs (total)	ND(0.00021)	ND(0.000062)	ND(0.000010)	ND(0.000030)
1,2,3,4,7,8-HxCDD	0.00066	0.00011	0.000029	ND(0.000019)
1,2,3,6,7,8-HxCDD	0.00054	0.00011	0.000088	0.000054
1,2,3,7,8,9-HxCDD	0.00052	0.00010	0.000058	ND(0.000017)
HxCDDs (total)	0.0017	0.00033	0.00018	0.000054
1,2,3,4,6,7,8-HpCDD	0.0031	ND(0.00046) X	0.0018	0.00092
HpCDDs (total)	0.0055	0.00039	0.0029	0.0015
OCDD	0.0060	0.00077	0.0097	0.0046
Total TEQs (WHO TEFs)	0.0041	0.00097	0.00013	0.000070
Inorganics				
Antimony	1.50 B	ND(6.00)	4.30 B	ND(6.00)
Arsenic	7.10	7.00	5.90	1.90
Barium	48.0	140	54.0	1600
Beryllium	0.300 B	0.340 B	0.240 B	0.710
Cadmium	5.10	1.60	1.00	0.450 B
Chromium	25.0	11.0	34.0	26.0
Cobalt	8.90	13.0	11.0	8.10
Copper	220	120	89.0	37.0
Cyanide	0.980	0.180 B	0.0780 B	0.540 B
Lead	260	370	190	8.20
Mercury	4.80	0.350	0.0910 B	0.230
Nickel	27.0	28.0	26.0	19.0
Selenium	1.00 J	1.10 J	ND(1.30) J	ND(1.40) J
Silver	4.70	0.500 B	0.190 B	0.400 B
Sulfide	290	150	14.0	77.0
Thallium	1.10 J	ND(1.20) J	7.70 J	4.80 J
Tin	27.0	23.0	ND(10.0)	ND(11.0)
Vanadium	16.0	7.80	22.0	25.0
Zinc	230	150	330	65.0

TABLE 2-2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL DATA

PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

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

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

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

Inorganics

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

**TABLE 2-3
SUMMARY OF PRIOR PCB SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Depth (feet)	Date Collected	PCB, TOTAL (MG/KG)
PARCEL I9-9-1			
SLB-8 Bottom Bank	0 - 0.5	2/23/95	3.2
SLB-8 Top Bank	0 - 0.5	10/11/95	ND(0.044)
R84A025	0 - 0.5	10/13/98	0.4J
	0.5 - 1	10/13/98	0.2J
	0 - 2	10/28/98	0.2J
	2 - 4	10/28/98	ND(0.6)
	4 - 6	10/28/98	ND(0.6)
	6 - 8	10/28/98	ND(0.6)
R84A050	0 - 0.5	10/13/98	ND(0.5)
	0.5 - 1	10/13/98	ND(0.5)
R84A075	0 - 0.5	10/13/98	ND(0.6)
	0.5 - 1	10/13/98	ND(0.5)
R84A100	0 - 0.5	10/13/98	ND(0.5)
	0.5 - 1	10/13/98	ND(0.5)
R84A125	0 - 0.5	10/13/98	ND(0.6)
	0.5 - 1	10/13/98	ND(0.5)
R84A150	0 - 0.5	10/13/98	ND(0.5)
	0.5 - 1	10/13/98	0.6J
R84A165	0 - 0.5	10/13/98	2.7J
	0.5 - 1	10/13/98	19J
	0 - 2	10/28/98	11J
	2 - 4	10/28/98	4.3J
	4 - 6	10/28/98	ND(1.7)
	6 - 8	10/28/98	ND(12)
R84A168	0 - 0.5	10/13/98	310J
	0.5 - 1	10/13/98	640
	0 - 2	10/28/98	220
	2 - 4	10/28/98	100J
	4 - 6	10/28/98	64J
	6 - 8	10/28/98	9.0J
R84B000	0 - 0.5	10/13/98	0.6J
	0.5 - 1	10/13/98	0.2J
R84B050	0 - 0.5	10/13/98	ND(0.5)
	0.5 - 1	10/13/98	ND(0.6)
	0 - 2	10/28/98	ND(0.6)
	2 - 4	10/28/98	ND(0.5)
	4 - 6	10/28/98	ND(0.5)
	6 - 8	10/28/98	ND(0.5)
R84B075	0 - 0.5	10/13/98	ND(0.5)
	0.5 - 1	10/13/98	ND(0.5)
R84B100	0 - 0.5	10/13/98	ND(0.5)
	0.5 - 1	10/13/98	ND(0.5)
	0 - 2	10/28/98	ND(0.5)
	2 - 4	10/28/98	0.4J
	4 - 6	10/28/98	ND(0.5)
	6 - 8	10/28/98	ND(0.5)
R84B125	0 - 0.5	10/13/98	0.4J
	0.5 - 1	10/13/98	0.2J
R84B134	0 - 0.5	10/13/98	0.4J
	0.5 - 1	10/13/98	ND(0.5)
R84B144	0 - 0.5	10/13/98	210J
	0.5 - 1	10/13/98	1200
	0 - 2	10/28/98	190J
	2 - 4	10/28/98	29J
	4 - 6	10/28/98	26J
	6 - 8	10/28/98	16J

**TABLE 2-3
SUMMARY OF PRIOR PCB SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Depth (feet)	Date Collected	PCB, TOTAL (MG/KG)
PARCEL I9-9-1 (continued)			
R84C000	0 - 0.5	10/13/98	0.3J
	0.5 - 1	10/13/98	0.2J
R84C025	0 - 0.5	10/13/98	ND(0.6)
	0.5 - 1	10/13/98	0.2J
R84C050	0 - 0.5	10/13/98	ND(0.5)
	0.5 - 1	10/13/98	0.4J
R84C075	0 - 0.5	10/13/98	ND(0.5)
	0.5 - 1	10/13/98	ND(0.5)
R84C100	0 - 0.5	10/13/98	ND(0.5)
	0.5 - 1	10/13/98	ND(0.5)
R84C104	0 - 0.5	10/13/98	0.4J
	0.5 - 1	10/13/98	ND(0.5)
R84C116	0 - 0.5	10/13/98	0.6J
	0.5 - 1	10/13/98	25J
	0 - 2	10/28/98	30J
	2 - 4	10/28/98	16J
	4 - 6	10/28/98	13J
	6 - 8	10/28/98	7.9J
PARCEL I9-9-21			
SLB-7 Middle Bank	0 - 0.5	5/24/94	1.3
	0.5 - 1	5/24/94	11.0
SLB-7 Top Bank	0 - 0.5	5/24/94	2.4
	0.5 - 1	5/24/94	3.9
SLB-7 Top Bank-10	0 - 0.5	10/11/95	3.2[3.1]
PARCEL I9-9-23			
SLB-5 Bottom Bank	0 - 0.5	5/24/94	0.07
	0.5 - 1	5/24/94	0.11
SLB-5 Middle Bank	0 - 0.5	5/24/94	0.13
	0.5 - 1	5/24/94	0.13
SLB-5 Top Bank	0 - 0.5	5/24/94	0.05
	0.5 - 1	5/24/94	0.07
PARCEL I9-9-24			
I9-9-24-SS-1	0 - 0.5	9/24/97	ND(0.116)
	0.5 - 1	9/24/97	ND(0.116)
I9-9-24-SS-2	0 - 0.5	9/24/97	1.81
	0.5 - 1	9/24/97	1.36
I9-9-24-SS-3	0 - 0.5	9/24/97	1.65
	0.5 - 1	9/24/97	1.13
PARCEL I9-9-25			
I9-9-25-SB-1	0 - 0.5	11/22/00	0.29
	0.5 - 1	11/22/00	0.3
	1 - 2	11/22/00	0.196
	2 - 4	11/22/00	0.85
	4 - 6	11/22/00	1.74
	6 - 8	11/22/00	4.6 [4.6]
I9-9-25-SB-2	0 - 0.5	11/22/00	0.44
	0.5 - 1	11/22/00	0.225
	1 - 2	11/22/00	0.62
	2 - 4	11/22/00	1.49
	4 - 6	11/22/00	0.62
	6 - 8	11/22/00	ND(0.048)
	8 - 10	11/22/00	0.040 J
	10 - 12	11/22/00	ND(0.060)

**TABLE 2-3
SUMMARY OF PRIOR PCB SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Depth (feet)	Date Collected	PCB, TOTAL (MG/KG)
PARCEL I9-9-25 (continued)			
I9-9-25-SB-3	0 - 0.5	11/22/00	0.74
	0.5 - 1	11/22/00	0.103
	1 - 2	11/22/00	0.188
	2 - 4	11/22/00	1.2
	4 - 6	11/22/00	ND(0.048)
	6 - 8	11/22/00	ND(0.044)
PARCEL I9-9-26			
I9-9-26-SS-1	0-0.5	5/19/98	0.29
	0.5-1	5/19/98	0.27
	4-6	11/27/00	ND(0.044)
	12-14	11/27/00	ND(0.050)
I9-9-26-SS-2	0-0.5	5/19/98	0.096 [0.24]
	0.5-1	5/19/98	0.22
I9-9-26-SS-3	0-0.5	5/19/98	0.28
	0.5-1	5/19/98	0.40
	2-4	11/27/00	0.17
	10-12	11/27/00	ND(0.041) [ND(0.042)]
I9-9-26-SS-4	0-0.5	5/19/98	0.23
	0.5-1	5/19/98	0.25
	1-2	11/28/00	1.4
I9-9-26-SS-5	0-0.5	10/5/98	0.34
	0.5-1	10/5/98	0.23
I9-9-26-SS-6	0-0.5	10/5/98	0.80
	0.5-1	10/5/98	0.38
I9-9-26-SB-1	0-0.5	5/27/98	2.0
	0.5-1	5/27/98	2.9
	1-2	5/27/98	4.8
	2-4	5/27/98	85 [97]
	4-6	5/27/98	6.3
	6-8	5/27/98	0.86
	8-10	5/27/98	0.77
	10-12	5/27/98	ND(0.037)
I9-9-26-SB-2	0-0.5	5/27/98	0.20
	0.5-1	5/27/98	0.15
	1-2	5/27/98	ND(0.021)
	2-4	5/27/98	ND(0.022)
	4-6	5/27/98	0.084
I9-9-26-SB-3	0-0.5	8/19/98	16
	0.5-1	8/19/98	0.33
	1-2	8/19/98	73
	2-4	8/19/98	3.3
	4-6	8/19/98	0.097
	6-8	8/19/98	0.12
I9-9-26-SB-4	0-0.5	8/19/98	0.31
	0.5-1	8/19/98	6.6
	1-2	8/19/98	0.064
	2-4	8/19/98	ND(0.046) [ND(0.045)]
	4-6	8/19/98	ND(0.041)
	6-8	8/19/98	ND(0.041)
PARCEL I9-9-27			
I9-9-27-SS-1	0-0.5	2/5/98	1.9 [1.8]
	0.5-1	2/5/98	0.39
I9-9-27-SS-2	0-0.5	2/5/98	2.0
	0.5-1	2/5/98	2.2
I9-9-27-SS-3	0-0.5	3/31/98	3.0
	0.5-1	3/31/98	1.5
PARCEL I9-9-27 (continued)			
I9-9-27-SS-4	0-0.5	3/31/98	1.2

**TABLE 2-3
SUMMARY OF PRIOR PCB SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Depth (feet)	Date Collected	PCB, TOTAL (MG/KG)
	0.5-1	3/31/98	1.8
	8-10	11/28/00	ND(0.044)
	14-16	11/28/00	ND(0.045) [ND(0.046)]
19-9-27-SS-5	0-0.5	3/31/98	0.45
	0.5-1	3/31/98	8.2
19-9-27-SS-6	0-0.5	3/31/98	86
	0.5-1	3/31/98	31
19-9-27-SS-7	0-0.5	3/31/98	170
	0.5-1	3/31/98	230
19-9-27-SS-14	0-0.5	5/1/98	1.3
	0.5-1	5/1/98	1.2
19-9-27-SS-15	0-0.5	5/1/98	0.72
	0.5-1	5/1/98	ND(0.038)
19-9-27-SS-16	0-0.5	5/1/98	0.84
	0.5-1	5/1/98	0.41
	6-8	11/28/00	ND(0.041)
19-9-27-SB-1	0-0.5	2/5/98	3.3
	0.5-1	2/5/98	3.5
	1-2	2/5/98	13
	2-4	2/5/98	9.0
	4-6	2/5/98	47
	6-8	2/5/98	3.2
19-9-27-SB-2	0-0.5	3/31/98	6.6
	0.5-1	3/31/98	1.7
	1-2	3/31/98	0.89
	2-4	3/31/98	20
	4-6	3/31/98	71
	6-8	3/31/98	41
	8-10	3/31/98	140
	10-12	3/31/98	1.6
19-9-27-SB-3	0-0.5	4/1/98	1.7
	0.5-1	4/1/98	1.5
	1-2	4/1/98	0.24
	2-4	4/1/98	0.080
	4-6	4/1/98	ND(0.021)
	6-8	4/1/98	0.031
19-9-27-SB-4	1-2	4/1/98	2.2
	2-4	4/1/98	0.54
	4-6	4/1/98	ND(0.023) [0.42]
	6-8	4/1/98	ND(0.021)
19-9-27-SB-5	0-0.5	4/1/98	6.7
	0.5-1	4/1/98	3.2
	1-2	4/1/98	3.4
	2-4	4/1/98	1.4
	4-6	4/1/98	ND(0.021) [0.061]
	6-8	4/1/98	1.1
	8-10	4/1/98	0.021
19-9-27-SB-6	1-2	5/1/98	25
	2-4	5/1/98	0.37 [0.44]
	4-6	5/1/98	ND(0.037)
	6-8	5/1/98	ND(0.035)
	8-10	5/1/98	ND(0.038)
19-9-27-SB-7	8-10	6/25/99	ND(0.054) [ND(0.048)]
19-9-27-SB-8	0-1	9/21/99	0.22
	2-4	9/21/99	ND(0.020)
19-9-27-SB-9	4-6	11/22/00	ND(0.043) [ND(0.042)]
PARCEL 19-9-27 (continued)			
19-9-27-SB-10	8-10	11/28/00	ND(0.048)
19-9-27-SB-11	2-4	11/22/00	0.72
PARCEL 19-9-28			

**TABLE 2-3
SUMMARY OF PRIOR PCB SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Depth (feet)	Date Collected	PCB, TOTAL (MG/KG)
I9-9-28-SS-1	0-0.5	11/26/97	0.34
	0.5-1	11/26/97	0.78
I9-9-28-SS-2	0-0.5	11/26/97	0.58
	0.5-1	11/26/97	0.45
I9-9-28-SS-3	0-0.5	11/26/97	1.9
	0.5-1	11/26/97	1.6
I9-9-28-SS-4	0-0.5	11/26/97	0.70
	0.5-1	11/26/97	1.2
I9-9-28-SS-5	0-0.5	11/26/97	0.071 [0.18]
	0.5-1	11/26/97	0.16
	4-6	12/4/00	ND(0.042) [ND(0.041)]
I9-9-28-SS-6	0-0.5	11/26/97	0.51
	0.5-1	11/26/97	0.43
	2-4	12/4/00	0.027
I9-9-28-SS-7	0-0.5	11/26/97	0.88
	0.5-1	11/26/97	0.66
I9-9-28-SS-8	0-0.5	2/5/98	1.5
	0.5-1	2/5/98	4.5
I9-9-28-SS-9	0-0.5	3/31/98	13000
	0.5-1	3/31/98	6300
I9-9-28-SS-10	0-0.5	3/31/98	0.24
	0.5-1	3/31/98	0.24
I9-9-28-SS-11	0-0.5	4/10/98	0.73
	0.5-1	4/10/98	0.14
	10-12	12/4/00	ND(0.050)
I9-9-28-SS-12	0-0.5	4/10/98	3.0
	0.5-1	4/10/98	0.74
I9-9-28-SS-13	0-0.5	4/10/98	0.74
I9-9-28-SB-1	0-0.5	12/1/97	0.25
	0.5-1	12/1/97	0.52
	1-2	12/1/97	0.25
	2-4	12/1/97	0.094
	4-6	12/1/97	5.6
	6-8	12/1/97	55
	8-10	6/24/99	68
	10-12	6/24/99	0.77
I9-9-28-SB-2	0-0.5	12/1/97	2.1
	0.5-1	12/1/97	2.4
	1-2	12/1/97	0.40
	2-4	12/1/97	0.23
	4-6	12/1/97	0.066
	6-8	12/1/97	0.083 [0.20]
	8-10	12/1/97	ND(0.11)
	10-12	12/1/97	ND(0.12)
	12-14	12/1/97	ND(0.16)
	14-16	12/1/97	ND(0.12)
I9-9-28-SB-3	0-0.5	12/1/97	2.0
	0.5-1	12/1/97	0.18
	1-2	12/1/97	ND(0.072)
	2-4	12/1/97	ND(0.076)
	4-6	12/1/97	ND(0.084) [ND(0.084)]
	6-8	12/1/97	ND(0.077)
	8-10	12/1/97	ND(0.080)

**TABLE 2-3
SUMMARY OF PRIOR PCB SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Depth (feet)	Date Collected	PCB, TOTAL (MG/KG)
PARCEL I9-9-28 (continued)			
I9-9-28-SB-4	1-2	2/5/98	0.98
	2-4	2/5/98	1.6
	4-6	2/5/98	0.17
	6-8	2/5/98	0.11
I9-9-28-SB-5	1-2	2/5/98	0.17
	2-4	2/5/98	0.41 [0.54]
	4-6	2/5/98	2.3
	6-8	2/5/98	19
	8-10	2/5/98	1.9
	10-12	2/5/98	ND(0.15)
	12-14	2/5/98	0.57
I9-9-28-SB-6	1-2	3/31/98	8.9
	2-4	3/31/98	ND(0.021)
	4-6	3/31/98	ND(0.020)
	6-8	3/31/98	ND(0.020)
I9-9-28-SB-7	1-2	5/1/98	0.41
	2-4	5/1/98	ND(0.037) [ND(0.038)]
	4-6	5/1/98	ND(0.038)
	6-8	5/1/98	ND(0.036)
	8-10	5/1/98	ND(0.042)
I9-9-28-SB-8	12-14	11/28/00	ND(0.070)
	0.5-1	4/10/98	0.35 [0.43]
PARCEL I9-9-29			
I9-9-29-SS-1	0-0.5	3/4/98	2.5
	0.5-1	3/4/98	2.9
I9-9-29-SS-2	0-0.5	3/4/98	3.0
	0.5-1	3/4/98	2.7 [0.99]
I9-9-29-SS-3	0-0.5	3/4/98	1.5
	0.5-1	3/4/98	0.72
I9-9-29-SS-4	0-0.5	3/4/98	0.32
	0.5-1	3/4/98	0.19
	2-4	12/5/00	0.44 [0.38]
	12-14	12/5/00	ND(0.047)
I9-9-29-SS-5	0-0.5	3/4/98	4.2
	0.5-1	3/4/98	5.7
I9-9-29-SS-6	0-0.5	3/4/98	4.1
	0.5-1	3/4/98	2.9
I9-9-29-SS-7	0-0.5	3/4/98	0.80 [0.49]
	0.5-1	3/4/98	0.12
	2-4	12/5/00	0.15
	6-8	12/5/00	ND(0.041)
I9-9-29-SS-8	0-0.5	3/4/98	0.89
	0.5-1	3/4/98	0.28
I9-9-29-SS-9	0-0.5	4/14/98	1.2
	0.5-1	4/14/98	0.69
I9-9-29-SS-10	0-0.5	4/14/98	1.3
	0.5-1	4/14/98	1.0
	8-10	12/5/00	ND(0.045)

**TABLE 2-3
SUMMARY OF PRIOR PCB SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Depth (feet)	Date Collected	PCB, TOTAL (MG/KG)
PARCEL I9-9-29 (continued)			
I9-9-29-SB-1	0-0.5	3/4/98	1.4
	0.5-1	3/4/98	0.30
	1-2	3/4/98	0.18
	2-4	3/4/98	0.11
	4-6	3/4/98	0.41
	6-8	3/4/98	0.14
	8-10	3/4/98	ND(0.12)
	10-12	3/4/98	ND(0.11)
	12-14	3/4/98	ND(0.094)
I9-9-29-SB-2	0-0.5	3/4/98	0.63
	0.5-1	3/4/98	1.1
	1-2	3/4/98	0.17
	2-4	3/4/98	0.090
	4-6	3/4/98	0.039
	6-8	3/4/98	ND(0.078)
	8-10	3/4/98	ND(0.092)
	10-12	3/4/98	ND(0.092)
	I9-9-29-SB-3	1-2	4/15/98
2-4		4/15/98	0.15
4-6		4/15/98	1.3
6-8		4/15/98	0.29
8-10		4/15/98	0.13
10-12		4/15/98	0.23
12-14		4/15/98	ND(0.031)
14-16		4/15/98	ND(0.031)
I9-9-29-SB-4	1-2	4/14/98	3.7
	2-4	4/14/98	2.8
	4-6	4/14/98	0.14
	6-8	4/14/98	ND(0.033) [4.8]
	8-10	4/14/98	ND(0.024)
	10-12	4/14/98	ND(0.024)
I9-9-29-SB-5	1-2	4/15/98	2.0
	2-4	4/15/98	0.097
	4-6	4/15/98	1.6
	6-8	4/15/98	0.46
	8-10	4/15/98	0.042
	10-12	4/15/98	ND(0.025)
	12-14	4/15/98	ND(0.028) [ND(0.027)]
	14-16	4/15/98	ND(0.029)
I9-9-29-SB-6	1-2	4/15/98	1.9
	2-4	4/15/98	2.1
	4-6	4/15/98	5.1
	6-8	4/15/98	0.081
	8-10	4/15/98	ND(0.026)
	10-12	4/15/98	ND(0.019)
	12-14	4/15/98	ND(0.028)
I9-9-29-SB-7	4-6	12/5/00	0.18
I9-9-29-SB-8	6-8	12/5/00	0.21
PARCEL I9-9-30			
I9-9-30-SS-1	0 - 0.5	12/5/00	0.125
	0.5 - 1	12/5/00	0.201

**TABLE 2-3
SUMMARY OF PRIOR PCB SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Depth (feet)	Date Collected	PCB, TOTAL (MG/KG)
PARCEL I9-9-30 (continued)			
I9-9-30-SB-1	0 - 0.5	12/5/00	1.91
	0.5 - 1	12/5/00	1.08
	1 - 2	12/5/00	1.29
	2 - 4	12/5/00	ND(0.045)
	4 - 6	12/5/00	9.8 [ND(0.044)]
	6 - 8	12/5/00	ND(0.066)
I9-9-30-SB-2	0 - 0.5	12/5/00	0.145
	0.5 - 1	12/5/00	0.42
	1 - 2	12/5/00	1.11
	2 - 4	12/5/00	4.1
	4 - 6	12/5/00	0.29
	6 - 8	12/5/00	ND(0.051)
I9-9-30-SB-3	0 - 0.5	12/5/00	ND(0.048)
	0.5 - 1	12/5/00	0.027 J
	1 - 2	12/5/00	0.079
	2 - 4	12/5/00	0.96
	4 - 6	12/5/00	0.066 J
	6 - 8	12/5/00	ND(0.045)
PARCEL I9-10-8			
SLB-1 Bottom Bank	0 - 0.5	1/19/95	52
	0.5 - 1	1/19/95	210
	1 - 1.5	10/11/95	180
	1.5 - 2	10/11/95	72
	2 - 2.5	10/11/95	4.7
	2.5 - 3	10/11/95	45
SLB-1 Middle Bank	0 - 0.5	1/19/95	9.0
	0.5 - 1	1/19/95	47
SLB-1 Top Bank	0 - 0.5	1/19/95	5.5 [4.2]
	0.5 - 1	1/19/95	3.0
SLB-1 Top Bank-10	0 - 0.5	10/11/95	0.48
SLB-1 Top Bank-50	0 - 0.5	10/11/95	0.26
R83A150	0 - 0.5	10/13/98	1.3
	0.5 - 1	10/13/98	3.2J
	0 - 2	10/30/98	0.5J
	2 - 4	10/30/98	ND(0.6)
	4 - 6	10/30/98	ND(0.6)
	6 - 8	10/30/98	ND(0.5)
R83A175	0 - 0.5	10/13/98	0.7
	0.5 - 1	10/13/98	0.3J
R83A200	0 - 0.5	10/13/98	0.4J
	0.5 - 1	10/13/98	0.4J[0.41]
R83A225	0 - 0.5	10/13/98	ND(0.7)
	0.5 - 1	10/13/98	0.3J
	0 - 2	10/30/98	0.2J
	2 - 4	10/30/98	ND(0.6)
	4 - 6	10/30/98	ND(0.5)
	6 - 8	10/30/98	ND(0.6)
R83A250	0 - 0.5	10/13/98	0.6J
	0.5 - 1	10/13/98	0.5J
R83A275	0 - 0.5	10/13/98	0.4J
	0.5 - 1	10/13/98	0.5J
R83A300	0 - 0.5	10/13/98	ND(0.6)
	0.5 - 1	10/13/98	0.3J
R83A325	0 - 0.5	10/13/98	0.3J
	0.5 - 1	10/13/98	0.7J
R83A350	0 - 0.5	10/13/98	0.9J
	0.5 - 1	10/13/98	1.2J
PARCEL I9-10-8 (continued)			
R83A375	0 - 0.5	10/13/98	ND(1.7)

**TABLE 2-3
SUMMARY OF PRIOR PCB SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Depth (feet)	Date Collected	PCB, TOTAL (MG/KG)
	0.5 - 1	10/13/98	0.4J
R83A400	0 - 0.5	10/13/98	2.7
	0.5 - 1	10/13/98	4.2
R83A425	0 - 0.5	10/13/98	1.7J
	0.5 - 1	10/13/98	2.8
	0 - 2	10/30/98	2.3
	2 - 4	10/30/98	0.6J[1.2]
R83A425	4 - 6	10/30/98	ND(0.8)
	6 - 8	10/30/98	ND(0.7)
R83A450	0 - 0.5	10/13/98	0.3J
	0.5 - 1	10/13/98	0.5J
	0 - 2	10/30/98	1.1J
	2 - 4	10/30/98	7.1
	4 - 6	10/30/98	2.7
	6 - 8	10/30/98	0.8J
R83A475	0 - 0.5	10/13/98	0.7
	0.5 - 1	10/13/98	1.0
R83B150	0 - 0.5	10/13/98	0.9
	0.5 - 1	10/13/98	1.4
R83B175	0 - 0.5	10/13/98	ND(0.6)
	0.5 - 1	10/13/98	0.9
R83B200	0 - 0.5	10/13/98	0.3J
	0.5 - 1	10/13/98	0.4J[0.22]
R83B225	0 - 0.5	10/13/98	0.2J[0.33]
	0.5 - 1	10/13/98	ND(0.6)
R83B250	0 - 0.5	10/13/98	0.3J
	0.5 - 1	10/13/98	0.3J
R83B275	0 - 0.5	10/13/98	0.3J
	0.5 - 1	10/13/98	0.5J
R83B300	0 - 0.5	10/13/98	0.6J
	0.5 - 1	10/13/98	0.7J
R83B325	0 - 0.5	10/13/98	ND(0.5)
	0.5 - 1	10/13/98	0.7J
R83B350	0 - 0.5	10/13/98	1.4
	0.5 - 1	10/13/98	2.6
	0 - 2	10/29/98	1.2J
	2 - 4	10/29/98	ND(0.8)
	4 - 6	10/29/98	ND(0.8)
	6 - 8	10/29/98	36J[ND(0.17)]
R83B375	0 - 0.5	10/13/98	0.7J
	0.5 - 1	10/13/98	2.9J
R83B400	0 - 0.5	10/13/98	31J
	0.5 - 1	10/13/98	130
	0 - 2	10/29/98	45
	2 - 4	10/29/98	7.4J
	4 - 6	10/29/98	1.9J
	6 - 8	10/29/98	2.0
R83B425	0 - 0.5	10/13/98	5.1J[12]
	0.5 - 1	10/14/98	98
	0 - 2	10/29/98	110
	2 - 4	10/29/98	48[130]
	4 - 6	10/29/98	63
	6 - 8	10/29/98	22
R83B450	0 - 0.5	10/14/98	4.2J
	0.5 - 1	10/14/98	0.6J

**TABLE 2-3
SUMMARY OF PRIOR PCB SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Depth (feet)	Date Collected	PCB, TOTAL (MG/KG)
PARCEL I9-10-8 (continued)			
R83B475	0 - 0.5	10/14/98	0.5J
	0.5 - 1	10/14/98	ND(0.7)
	0 - 2	10/29/98	13
	2 - 4	10/29/98	250
	4 - 6	10/29/98	350
	6 - 8	10/29/98	50
R83C150	0 - 0.5	10/14/98	ND(0.6)
	0.5 - 1	10/14/98	0.2J
R83C175	0 - 0.5	10/14/98	0.3J
	0.5 - 1	10/14/98	ND(0.6)
	0 - 2	10/30/98	ND(0.6)
	2 - 4	10/30/98	ND(0.6)
	4 - 6	10/30/98	ND(0.6)[ND(0.12)]
	6 - 8	10/30/98	ND(0.5)
R83C200	0 - 0.5	10/14/98	ND(0.6)
	0.5 - 1	10/14/98	ND(0.6)
R83C225	0 - 0.5	10/14/98	ND(0.6)
	0.5 - 1	10/14/98	ND(0.5)
R83C250	0 - 0.5	10/14/98	0.2J
	0.5 - 1	10/14/98	ND(0.6)
R83C275	0 - 0.5	10/14/98	0.3J
	0.5 - 1	10/14/98	0.3J
	0 - 2	10/30/98	ND(0.6)
	2 - 4	10/30/98	ND(0.6)
	4 - 6	10/30/98	ND(1.0)
	6 - 8	10/30/98	ND(1.1)[ND(0.21)]
R83C300	0 - 0.5	10/14/98	0.7J
	0.5 - 1	10/14/98	0.9J[0.73]
R83C325	0 - 0.5	10/14/98	1.9J
	0.5 - 1	10/14/98	1.6J
R83C328	0 - 0.5	10/14/98	2.8J
	0.5 - 1	10/14/98	2.3J[1.6]
R83C332	0 - 0.5	10/14/98	22J
	0.5 - 1	10/14/98	3.2J
	0 - 2	10/30/98	8.4J
	2 - 4	10/30/98	ND(0.6)
	4 - 6	10/30/98	ND(0.5)
	6 - 8	10/30/98	ND(0.5)
R83D150	0 - 0.5	10/14/98	0.8J
	0.5 - 1	10/13/98	0.8J[0.74]
R83D175	0 - 0.5	10/14/98	0.7J
	0.5 - 1	10/14/98	0.8J
R83D200	0 - 0.5	10/14/98	0.7J
	0.5 - 1	10/13/98	1.2J
R83D225	0 - 0.5	10/13/98	2.4
	0.5 - 1	10/13/98	2.8
	0 - 2	10/30/98	1.9J
	2 - 4	10/30/98	ND(0.6)
	4 - 6	10/30/98	ND(11)
	6 - 8	10/30/98	ND(0.9)
R83D250	0 - 0.5	10/14/98	0.8J[0.23]
	0.5 - 1	10/14/98	0.5J
R83D275	0 - 0.5	10/14/98	1.2J
	0.5 - 1	10/14/98	1.6J
R83D281	0 - 0.5	10/14/98	1.2
	0.5 - 1	10/14/98	2.4

**TABLE 2-3
SUMMARY OF PRIOR PCB SOIL DATA**

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

Sample ID	Depth (feet)	Date Collected	PCB, TOTAL (MG/KG)
PARCEL I9-10-8 (continued)			
R83D295	0 - 0.5	10/14/98	190[290]
	0.5 - 1	10/14/98	1400
	0 - 2	10/30/98	5.6
	2 - 4	10/30/98	12
	4 - 6	10/30/98	3.5
	6 - 8	10/30/98	2.9[5.7]
R83E150	0 - 0.5	10/14/98	4.1
	0.5 - 1	10/14/98	4.6
	0 - 2	10/30/98	3.7
	2 - 4	10/30/98	ND(0.6)
	4 - 6	10/30/98	ND(0.5)
	6 - 8	10/30/98	ND(0.6)
R83E175	0 - 0.5	10/14/98	2.4[1.3]
	0.5 - 1	10/14/98	2.9
R83E200	0 - 0.5	10/14/98	1.8
	0.5 - 1	10/14/98	1.9
	0 - 2	10/30/98	0.4J
	2 - 4	10/30/98	ND(0.7)
	4 - 6	10/30/98	ND(0.5)
	6 - 8	10/30/98	ND(0.8)
R83E225	0 - 0.5	10/14/98	2.0
	0.5 - 1	10/13/98	1.7[1.5]
	0 - 2	10/30/98	1.5J[2.3]
	2 - 4	10/30/98	ND(0.7)
	4 - 6	10/30/98	ND(0.6)
	6 - 8	10/30/98	ND(1.0)
R83E250	0 - 0.5	10/14/98	6.3J
	0.5 - 1	10/14/98	9.9J
R83E254	0 - 0.5	10/14/98	5.3J
	0.5 - 1	10/14/98	7.3J[9.3]
R83E264	0 - 0.5	10/14/98	160
	0.5 - 1	10/14/98	88
	0 - 2	10/29/98	110
	2 - 4	10/29/98	22
	4 - 6	10/29/98	22
	6 - 8	10/29/98	ND(25)
R83W475	0 - 0.5	10/14/98	1.7J
	0.5 - 1	10/14/98	18
PARCEL I9-10-10			
R44D120	0 - 0.5	10/12/98	0.7J
	0.5 - 1	10/12/98	0.6J[0.41]
PARCEL I9-10-11			
R43A120	0 - 0.5	9/21/98	0.4J
	0.5 - 1	9/21/98	0.8J[0.54]
	0 - 2	10/27/98	0.2J
	2 - 4	10/27/98	ND(0.5)
	4 - 6	10/27/98	ND(0.5)
	6 - 8	10/27/98	ND(0.5)
R43B120	0 - 0.5	9/21/98	0.3J
	0.5 - 1	9/21/98	0.6J
R43C120	0 - 0.5	9/21/98	0.5J[0.14]
	0.5 - 1	9/21/98	0.3J
	0 - 2	10/27/98	0.2J
	2 - 4	10/27/98	ND(0.5)
	4 - 6	10/27/98	ND(0.5)
	6 - 8	10/27/98	ND(0.5)
CITY-OWNED RECREATIONAL AREA			
SLB-2 Bottom Bank	0 - 0.5	5/24/94	0.42

**TABLE 2-3
SUMMARY OF PRIOR PCB SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Depth (feet)	Date Collected	PCB, TOTAL (MG/KG)
	0.5 - 1	5/24/94	0.96
SLB-2 Middle Bank	0 - 0.5	5/24/94	0.09
	0.5 - 1	5/24/94	0.15
SLB-2 Top Bank	0 - 0.5	5/24/94	0.64
	0.5 - 1	5/24/94	1.28
SLB-3 Bottom Bank	0 - 0.5	5/24/94	250
	0.5 - 1	5/24/94	52
	1 - 1.5	10/11/95	57
	1.5 - 2	10/11/95	81
	2 - 2.5	10/11/95	23
	2.5 - 3	10/11/95	100
SLB-3 Middle Bank	0 - 0.5	5/24/94	13.0[17.1]
	0.5 - 1	5/24/94	6.72
SLB-3 Top Bank	0 - 0.5	5/24/94	0.18
	0.5 - 1	5/24/94	0.53
SLB-4 Bottom Bank	0 - 0.5	5/24/94	75
	0.5 - 1	5/24/94	20
	1 - 1.5	10/11/95	1.2
	1.5 - 2	10/11/95	1.3
	2 - 2.5	10/11/95	0.26
	2.5 - 3	10/11/95	0.13
SLB-4 Middle Bank	0 - 0.5	5/24/94	7.6
	0.5 - 1	5/24/94	13.4
SLB-4 Top Bank	0 - 0.5	5/24/94	0.21
	0.5 - 1	5/24/94	0.10
SLB-6 Bottom Bank	0 - 0.5	5/24/94	0.19[0.2]
	0.5 - 1	5/24/94	0.76
SLB-6 Middle Bank	0 - 0.5	5/24/94	1.17
	0.5 - 1	5/24/94	2.79
SLB-6 Top Bank	0 - 0.5	5/24/94	0.07
	0.5 - 1	5/24/94	1.56
SLB-9 Top Bank	0 - 0.5	10/11/95	9.7
SLB-9 Top Bank-12	0 - 0.5	10/11/95	0.92

Notes:

1. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
2. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics

J - Indicates an estimated value less than the practical quantitation limit (PQL).

**TABLE 2-4
SUMMARY OF PRIOR APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	19-9-26-SB-3 0-1 06/24/99	19-9-26-SB-3 1-2 11/27/00	19-9-26-SB-3 2-4 11/27/00	19-9-26-SB-3 6-8 11/27/00	19-9-26-SB-4 0-1 06/24/99	19-9-26-SB-4 2-4 09/21/99	19-9-26-SB-4 4-6 11/22/00	19-9-26-SB-5 2-4 09/21/99
Volatile Organics								
None Detected	--	--	--	--	--	NA	NA	NA
Semivolatile Organics								
1,2,4-Trichlorobenzene	ND(0.60)	ND(2.0)	ND(0.46)	ND(0.43)	ND(0.40)	ND(0.49)	NA	ND(0.39)
1,3-Dichlorobenzene	ND(0.60)	ND(2.0)	ND(0.46)	ND(0.43)	ND(0.40)	ND(0.49)	NA	ND(0.39)
1,4-Dichlorobenzene	ND(0.60)	ND(2.0)	ND(0.46)	ND(0.43)	ND(0.40)	ND(0.49)	NA	ND(0.39)
2,4-Dimethylphenol	ND(0.60)	ND(2.0)	ND(0.46)	ND(0.43)	ND(0.40)	ND(1.0)	NA	ND(0.79)
2-Methylnaphthalene	ND(0.60)	ND(2.0)	ND(0.46)	ND(0.43)	ND(0.40)	ND(0.99)	NA	ND(0.78)
2-Methylphenol	ND(0.60)	ND(2.0)	ND(0.46)	ND(0.43)	ND(0.40)	ND(0.49)	NA	ND(0.39)
3&4-Methylphenol	ND(0.70)	ND(2.0)	ND(0.93)	ND(0.87)	ND(0.70)	ND(1.0)	NA	ND(0.79)
Acenaphthene	ND(0.60)	ND(2.0)	ND(0.46)	ND(0.43)	ND(0.40)	ND(0.49)	NA	ND(0.39)
Acenaphthylene	ND(0.60)	1.0 J	ND(0.46)	ND(0.43)	2.0	ND(0.49)	NA	0.53
Acetophenone	ND(0.60)	ND(2.0)	ND(0.46)	ND(0.43)	ND(0.40)	ND(1.0)	NA	ND(0.79)
Aniline	ND(0.60)	ND(2.0)	ND(0.46)	ND(0.43)	ND(0.40)	ND(0.49)	NA	ND(0.39)
Anthracene	ND(0.60)	2.9	ND(0.46)	ND(0.43)	1.0	ND(0.49)	NA	0.21 J
Benzo(a)anthracene	ND(0.60)	11	1.2	0.44	4.0	0.22 J	NA	0.51
Benzo(a)pyrene	ND(0.60)	8.8	2.1	0.67	4.0	0.27 J	NA	1.0
Benzo(b)fluoranthene	ND(0.60)	5.4	1.2	0.49	5.0	0.18 J	NA	0.83
Benzo(g,h,i)perylene	ND(0.60)	6.5	2.3	0.85	2.0	0.14 J	NA	0.91
Benzo(k)fluoranthene	ND(0.60)	7.4	1.5	0.41 J	2.0	0.16 J	NA	0.75
bis(2-Ethylhexyl)phthalate	ND(0.60)	ND(2.0)	ND(0.46)	ND(0.43)	ND(0.40)	ND(0.49)	NA	ND(0.39)
Butylbenzylphthalate	1.0	ND(2.0)	ND(0.93)	ND(0.87)	1.0	ND(0.49)	NA	ND(0.39)
Chrysene	ND(0.60)	9.6	1.3	0.41 J	4.0	0.28 J	NA	0.59
Dibenzo(a,h)anthracene	ND(0.70)	5.1	ND(0.93)	0.56 J	0.60 !	ND(0.49)	NA	0.25 J
Dibenzofuran	ND(0.60)	ND(2.0)	ND(0.46)	ND(0.43)	ND(0.40)	ND(1.0)	NA	ND(0.79)
Di-n-Butylphthalate	ND(0.60)	ND(2.0)	ND(0.46)	ND(0.43)	ND(0.40)	ND(0.49)	NA	ND(0.39)
Fluoranthene	0.60	20	1.0	0.71	7.0	0.30 J	NA	0.90
Fluorene	ND(0.60)	1.1 J	ND(0.46)	ND(0.43)	0.40	ND(0.49)	NA	ND(0.39)
Hexachlorophene	ND(0.70)	ND(4.0)	ND(0.93)	ND(0.87)	ND(0.70)	ND(1.0)	NA	ND(0.79)
Indeno(1,2,3-cd)pyrene	ND(0.70)	12	3.4	1.2	3.0	0.11 J	NA	0.66
Naphthalene	ND(0.60)	5.9	ND(0.46)	ND(0.43)	ND(0.40)	ND(0.49)	NA	ND(0.39)
o-Toluidine	ND(0.60)	ND(2.0)	ND(0.46)	ND(0.43)	ND(0.40)	ND(1.0)	NA	ND(0.79)
Phenanthrene	ND(0.60)	7.1	0.53	0.43	5.0	0.18 J	NA	0.44
Phenol	ND(0.60)	ND(2.0)	ND(0.46)	ND(0.43)	ND(0.40)	ND(1.0)	NA	ND(0.79)
Pyrene	0.60	18	0.95	0.70	6.0	0.49	NA	0.89
Furans								
2,3,7,8-TCDF	0.00014	ND(0.000012)	0.00010	ND(0.0000079) X	0.000041	0.0000033	NA	0.0000084
TCDFs (total)	0.00046	0.00067	0.00050	0.0000023	0.00018	0.000012	NA	0.000052
1,2,3,7,8-PeCDF	0.000047	0.000065 I	0.00011 I	ND(0.0000051)	0.000013	ND(0.0000070)	NA	ND(0.0000011)
2,3,4,7,8-PeCDF	0.000054	ND(0.000050) X	ND(0.0000031)	ND(0.0000050)	0.000014	ND(0.0000065)	NA	0.0000023 J
PeCDFs (total)	0.00040	0.00085	0.00027	0.0000057	0.00013	0.0000040 J	NA	0.000011
1,2,3,4,7,8-HxCDF	0.00010	0.0016 I	0.00082 I	ND(0.0000023) X	0.000021	0.0000021 J	NA	0.0000038 J
1,2,3,6,7,8-HxCDF	0.000044	0.000067	ND(0.0000069)	ND(0.0000075)	0.000011	ND(0.0000011)	NA	ND(0.0000018)
1,2,3,7,8,9-HxCDF	0.000012	ND(0.000034)	0.000023	ND(0.0000096)	0.0000056 J	ND(0.0000011)	NA	ND(0.0000017)
2,3,4,6,7,8-HxCDF	0.000049	0.000097	0.000058	ND(0.0000075)	0.0000093	ND(0.0000012)	NA	ND(0.0000019)
HxCDFs (total)	0.0017	0.0016	0.00047	0.0000012	0.00012	0.0000031 J	NA	0.000015
1,2,3,4,6,7,8-HpCDF	0.00070 D	0.0011	0.00010	ND(0.0000014) X	0.000044	0.0000039 J	NA	0.0000055 J
1,2,3,4,7,8,9-HpCDF	0.00012	0.00011	0.00011	ND(0.0000011)	0.000058	ND(0.0000024)	NA	ND(0.0000031)
HpCDFs (total)	0.0098	0.0012	0.00021	ND(0.0000077)	0.00012	0.0000039 J	NA	0.0000076 J
OCDF	0.0061 D	0.0072	0.000096	ND(0.0000096) X	0.000071	0.0000037 J	NA	ND(0.0000089)
Dioxins								
2,3,7,8-TCDD	0.0000037	ND(0.0000023)	ND(0.0000020)	ND(0.0000056)	0.0000018	ND(0.0000074)	NA	ND(0.0000084)
TCDDs (total)	0.000019	ND(0.0000023)	ND(0.0000020)	ND(0.0000056)	0.0000037	ND(0.0000074)	NA	ND(0.0000084)
1,2,3,7,8-PeCDD	0.0000052	ND(0.000074)	ND(0.000055)	ND(0.0000046)	0.0000038	ND(0.0000014)	NA	ND(0.0000020)
PeCDDs (total)	0.000013	ND(0.000074)	ND(0.000055)	ND(0.0000046)	0.0000038	ND(0.0000014)	NA	ND(0.0000020)
1,2,3,4,7,8-HxCDD	0.000016	ND(0.000029)	ND(0.000013)	ND(0.0000016)	0.0000023 J	ND(0.0000063)	NA	ND(0.0000066)
1,2,3,6,7,8-HxCDD	0.00020	ND(0.00010) X	ND(0.000012)	ND(0.0000015)	0.0000095	ND(0.0000078)	NA	ND(0.0000081)
1,2,3,7,8,9-HxCDD	0.000054	ND(0.000027)	ND(0.000012)	ND(0.0000015)	0.0000075	ND(0.0000070)	NA	ND(0.0000073)
HxCDDs (total)	0.00090	ND(0.000027)	ND(0.000012)	ND(0.0000015)	0.000066	ND(0.0000078)	NA	ND(0.0000081)
1,2,3,4,6,7,8-HpCDD	0.0087 D	0.012	0.000058	0.0000097	0.000073	ND(0.0000016)	NA	ND(0.0000018)
HpCDDs (total)	0.017	0.021	0.00012	0.0000097	0.00014	ND(0.0000016)	NA	ND(0.0000018)
OCDD	0.084 DE	0.058 B	0.00022 B	0.0000041 B	0.00053	0.000021 J	NA	0.000015 J
Total TEQs (WHO TEFs)	0.00020	0.00038	0.00014	0.0000032	0.000025	0.0000021	NA	0.0000043

**TABLE 2-4
SUMMARY OF PRIOR APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-26-SB-3 0-1 06/24/99	I9-9-26-SB-3 1-2 11/27/00	I9-9-26-SB-3 2-4 11/27/00	I9-9-26-SB-3 6-8 11/27/00	I9-9-26-SB-4 0-1 06/24/99	I9-9-26-SB-4 2-4 09/21/99	I9-9-26-SB-4 4-6 11/22/00	I9-9-26-SB-5 2-4 09/21/99
Inorganics								
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	ND(11.2)	ND(17.0)	ND(12.0)	ND(12.0)	ND(10.4)	ND(13.3)	ND(14.0)	ND(7.82)
Arsenic	ND(18.6)	ND(28.0)	ND(21.0)	ND(19.0)	55.8	21.8	ND(24.0)	12.9
Barium	902	970	77.0	71.0	167	137	87.0	62.9
Beryllium	ND(0.190)	0.310	0.220	0.210	0.320	ND(1.11)	0.370	ND(0.652)
Cadmium	ND(1.90)	ND(2.80)	ND(2.10)	ND(1.90)	ND(1.70)	ND(1.11)	ND(2.40)	ND(0.652)
Calcium	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	12.7	30.0	9.00	ND(5.20)	24.1	14.1	8.80	9.73
Cobalt	10.2	ND(14.0)	ND(10.0)	ND(9.70)	ND(8.60)	ND(11.1)	ND(12.0)	8.30
Copper	46.3	86.0	57.0	30.0	69.0	58.4	55.0	57.4
Cyanide	3.00	0.110 J	ND(1.00)	ND(1.00)	1.20	NA	NA	NA
Iron	NA	NA	NA	NA	NA	NA	NA	NA
Lead	987	1500	220	190	180	549	340	78.2
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	1.70	2.80	0.770	ND(0.260)	0.400	0.336	0.440	0.121
Nickel	17.3	26.0	11.0	ND(7.80)	17.4	21.4	14.0	17.8
Potassium	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	ND(0.930)	ND(1.40)	ND(1.00)	1.10	ND(0.860)	5.98	3.00	ND(0.652)
Silver	ND(0.930)	ND(1.40)	ND(1.00)	ND(0.970)	ND(0.860)	ND(2.17)	ND(1.20)	ND(1.39)
Sodium	NA	NA	NA	NA	NA	NA	NA	NA
Sulfide	74.5	8.80 J	490	100	18.4	NA	NA	NA
Thallium	ND(1.90)	ND(2.80)	ND(2.10)	ND(1.90)	ND(1.70)	ND(11.1)	ND(2.40)	ND(6.51)
Tin	ND(55.9)	ND(83.0)	ND(62.0)	ND(58.0)	ND(51.8)	ND(111)	ND(73.0)	ND(65.1)
Vanadium	9.90	18.0	ND(10.0)	11.0	16.4	37.4	19.0	23.1
Zinc	878	1100	140	120	202	271	190	107

**TABLE 2-4
SUMMARY OF PRIOR APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth (Feet): Parameter Date Collected:	I9-9-26-SS-1 0-1 11/27/00	I9-9-26-SS-1 4-6 11/27/00	I9-9-26-SS-1 12-14 11/27/00	I9-9-26-SS-3 0-1 11/27/00	I9-9-26-SS-3 2-4 11/27/00	I9-9-26-SS-3 10-12 11/27/00
Volatile Organics						
None Detected	--	--	--	--	--	--
Semivolatile Organics						
1,2,4-Trichlorobenzene	ND(0.46)	ND(0.45)	ND(0.50)	ND(0.49)	ND(0.46)	ND(0.41) [ND(0.42)]
1,3-Dichlorobenzene	ND(0.46)	ND(0.45)	ND(0.50)	ND(0.49)	ND(0.46)	ND(0.41) [ND(0.42)]
1,4-Dichlorobenzene	ND(0.46)	ND(0.45)	ND(0.50)	ND(0.49)	ND(0.46)	ND(0.41) [ND(0.42)]
2,4-Dimethylphenol	ND(0.46)	ND(0.45)	ND(0.50)	ND(0.49)	ND(0.46)	ND(0.41) [ND(0.42)]
2-Methylnaphthalene	ND(0.46)	ND(0.45)	ND(0.50)	ND(0.49)	ND(0.46)	ND(0.41) [ND(0.42)]
2-Methylphenol	ND(0.46)	ND(0.45)	ND(0.50)	ND(0.49)	ND(0.46)	ND(0.41) [ND(0.42)]
3&4-Methylphenol	ND(0.92)	ND(0.90)	ND(1.0)	ND(0.93)	ND(0.94)	ND(0.83) [ND(0.85)]
Acenaphthene	ND(0.46)	ND(0.45)	ND(0.50)	ND(0.49)	ND(0.46)	ND(0.41) [ND(0.42)]
Acenaphthylene	ND(0.46)	ND(0.45)	ND(0.50)	ND(0.49)	ND(0.46)	ND(0.41) [ND(0.42)]
Acetophenone	ND(0.46)	ND(0.45)	ND(0.50)	ND(0.49)	ND(0.46)	ND(0.41) [ND(0.42)]
Aniline	ND(0.46)	ND(0.45)	ND(0.50)	ND(0.49)	ND(0.46)	ND(0.41) [ND(0.42)]
Anthracene	0.58	ND(0.45)	ND(0.50)	0.36 J	ND(0.46)	ND(0.41) [ND(0.42)]
Benzo(a)anthracene	2.1	ND(0.45)	ND(0.50)	1.5	ND(0.46)	ND(0.41) [ND(0.42)]
Benzo(a)pyrene	2.2	ND(0.45)	ND(0.50)	1.8	ND(0.46)	ND(0.41) [ND(0.42)]
Benzo(b)fluoranthene	1.9	ND(0.45)	ND(0.50)	1.4	ND(0.46)	ND(0.41) [ND(0.42)]
Benzo(g,h,i)perylene	2.0	ND(0.45)	ND(0.50)	1.4	0.42 J	ND(0.41) [ND(0.42)]
Benzo(k)fluoranthene	1.6	ND(0.45)	ND(0.50)	1.5	ND(0.46)	ND(0.41) [ND(0.42)]
bis(2-Ethylhexyl)phthalate	ND(0.46)	ND(0.45)	ND(0.50)	ND(0.49)	ND(0.46)	ND(0.41) [ND(0.42)]
Butylbenzylphthalate	ND(0.92)	ND(0.90)	ND(1.0)	0.79 J	ND(0.94)	ND(0.83) [ND(0.85)]
Chrysene	2.1	ND(0.45)	ND(0.50)	1.8	ND(0.46)	ND(0.41) [ND(0.42)]
Dibenzo(a,h)anthracene	1.0	ND(0.90)	ND(1.0)	0.86 J	ND(0.94)	ND(0.83) [ND(0.85)]
Dibenzofuran	ND(0.46)	ND(0.45)	ND(0.50)	ND(0.49)	ND(0.46)	ND(0.41) [ND(0.42)]
Di-n-Butylphthalate	ND(0.46)	ND(0.45)	ND(0.50)	ND(0.49)	ND(0.46)	ND(0.41) [ND(0.42)]
Fluoranthene	4.4	ND(0.45)	ND(0.50)	4.0	ND(0.46)	ND(0.41) [ND(0.42)]
Fluorene	ND(0.46)	ND(0.45)	ND(0.50)	ND(0.49)	ND(0.46)	ND(0.41) [ND(0.42)]
Hexachlorophene	ND(0.92)	ND(0.90)	ND(1.0)	ND(0.97)	ND(0.94)	ND(0.83) [ND(0.85)]
Indeno(1,2,3-cd)pyrene	2.4	ND(0.90)	ND(1.0)	2.4	ND(0.94)	ND(0.83) [ND(0.85)]
Naphthalene	ND(0.46)	ND(0.45)	ND(0.50)	ND(0.49)	ND(0.46)	ND(0.41) [ND(0.42)]
o-Toluidine	ND(0.46)	ND(0.45)	ND(0.50)	ND(0.49)	ND(0.46)	ND(0.41) [ND(0.42)]
Phenanthrene	2.5	ND(0.45)	ND(0.50)	2.1	ND(0.46)	ND(0.41) [ND(0.42)]
Phenol	ND(0.46)	ND(0.45)	ND(0.50)	ND(0.49)	ND(0.46)	ND(0.41) [ND(0.42)]
Pyrene	3.9	ND(0.45)	ND(0.50)	3.2	ND(0.46)	ND(0.41) [ND(0.42)]
Furans						
2,3,7,8-TCDF	0.000025	ND(0.0000021)	ND(0.0000056)	0.000024	0.000064	ND(0.0000022) [ND(0.0000014)]
TCDFs (total)	0.00016	ND(0.0000021)	ND(0.0000056)	0.00013	0.000019	ND(0.0000022) [ND(0.0000014)]
1,2,3,7,8-PeCDF	0.000013	ND(0.0000021)	ND(0.0000054)	ND(0.000011) X	0.000029	ND(0.0000022) [ND(0.0000020)]
2,3,4,7,8-PeCDF	0.000010	ND(0.0000021)	ND(0.0000053)	ND(0.0000067) X	0.000026	ND(0.0000022) [ND(0.0000020)]
PeCDFs (total)	0.000022	ND(0.0000021)	ND(0.0000053)	ND(0.0000069)	0.000027	ND(0.0000022) [ND(0.0000020)]
1,2,3,4,7,8-HxCDF	0.000057 I	ND(0.0000012)	ND(0.0000041)	0.000050 I	0.000088 I	ND(0.0000085) [ND(0.0000081)]
1,2,3,6,7,8-HxCDF	ND(0.000011)	ND(0.0000012)	ND(0.0000041)	ND(0.0000089)	0.000013	ND(0.0000086) [ND(0.0000081)]
1,2,3,7,8,9-HxCDF	ND(0.000014)	ND(0.0000016)	ND(0.0000053)	ND(0.000011)	ND(0.0000038)	ND(0.0000011) [ND(0.0000010)]
2,3,4,6,7,8-HxCDF	0.000084	ND(0.0000013)	ND(0.0000041)	0.000068	0.000013	ND(0.0000086) [ND(0.0000081)]
HxCDFs (total)	0.00011	ND(0.0000012)	ND(0.0000041)	0.000094	0.000012	ND(0.0000086) [ND(0.0000081)]
1,2,3,4,6,7,8-HpCDF	0.000023	ND(0.0000097)	ND(0.0000054)	0.000023	0.000054	ND(0.0000020) [ND(0.0000080)]
1,2,3,4,7,8,9-HpCDF	0.000032	ND(0.0000013)	ND(0.0000074)	0.000032	ND(0.0000011)	ND(0.0000021) [ND(0.0000011)]
HpCDFs (total)	0.000026	ND(0.0000097)	ND(0.0000054)	0.000068	0.000054	ND(0.0000067) [ND(0.0000080)]
OCDF	0.000026	ND(0.0000011)	ND(0.0000052)	0.000030	0.000027	ND(0.0000012) [ND(0.0000066)]
Dioxins						
2,3,7,8-TCDD	ND(0.0000027)	ND(0.0000024)	ND(0.0000064)	ND(0.0000024)	ND(0.0000091)	ND(0.0000017) [ND(0.0000027)]
TCDDs (total)	0.000066	ND(0.0000024)	ND(0.0000064)	0.000037	ND(0.0000091)	ND(0.0000017) [ND(0.0000027)]
1,2,3,7,8-PeCDD	ND(0.0000096)	ND(0.0000084)	ND(0.0000049)	ND(0.0000069)	ND(0.0000061)	ND(0.0000052) [ND(0.0000039)]
PeCDDs (total)	ND(0.0000096)	ND(0.0000084)	ND(0.0000049)	ND(0.0000069)	ND(0.0000061)	ND(0.0000052) [ND(0.0000039)]
1,2,3,4,7,8-HxCDD	0.000052	ND(0.0000029)	ND(0.000014)	ND(0.0000064) X	ND(0.0000020)	ND(0.0000021) [ND(0.0000025)]
1,2,3,6,7,8-HxCDD	ND(0.000018) X	ND(0.0000027)	ND(0.000014)	0.000028	ND(0.0000019)	ND(0.0000020) [ND(0.0000024)]
1,2,3,7,8,9-HxCDD	ND(0.000014) X	ND(0.0000027)	ND(0.000013)	0.000028	ND(0.0000019)	ND(0.0000020) [ND(0.0000023)]
HxCDDs (total)	0.000012	ND(0.0000027)	ND(0.000014)	0.000019	0.000011	ND(0.0000020) [ND(0.0000024)]
1,2,3,4,6,7,8-HpCDD	0.000024	ND(0.0000011)	ND(0.000011)	0.000038	0.000012	ND(0.0000067) [ND(0.0000011)]
HpCDDs (total)	0.000045	ND(0.0000011)	ND(0.000011)	0.000069	0.000021	ND(0.0000067) [ND(0.0000011)]
OCDD	0.00016 B	0.0000096 B	0.000018 B	0.00028 B	0.000047 B	0.0000058 B [0.0000054 B]
Total TEQs (WHO TEFs)	0.000016	0.0000068	0.0000033	0.000012	0.000037	0.0000047 [0.0000045]

TABLE 2-4
SUMMARY OF PRIOR APPENDIX IX+3 SOIL DATA

PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-26-SS-1 0-1 11/27/00	I9-9-26-SS-1 4-6 11/27/00	I9-9-26-SS-1 12-14 11/27/00	I9-9-26-SS-3 0-1 11/27/00	I9-9-26-SS-3 2-4 11/27/00	I9-9-26-SS-3 10-12 11/27/00
Inorganics						
Aluminum	NA	NA	NA	NA	NA	NA
Antimony	ND(12.0)	ND(12.0)	ND(14.0)	ND(12.0)	ND(13.0)	ND(11.0) [ND(11.0)]
Arsenic	ND(21.0)	ND(20.0)	ND(23.0)	ND(21.0)	ND(21.0)	ND(18.0) [ND(19.0)]
Barium	92.0	ND(40.0)	ND(45.0)	200	ND(42.0)	ND(37.0) [ND(38.0)]
Beryllium	0.260	0.230	0.240	0.310	0.270	0.280 [0.300]
Cadmium	ND(2.10)	ND(2.00)	ND(2.30)	ND(2.10)	ND(2.10)	ND(1.80) [ND(1.90)]
Calcium	NA	NA	NA	NA	NA	NA
Chromium	6.90	6.50	ND(6.10)	11.0	5.70	5.10 [ND(5.00)]
Cobalt	ND(10.0)	ND(10.0)	ND(11.0)	ND(10.0)	ND(10.0)	ND(9.30) [ND(9.50)]
Copper	35.0	ND(20.0)	ND(23.0)	37.0	22.0	ND(18.0) [ND(19.0)]
Cyanide	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00) [ND(1.00)]
Iron	NA	NA	NA	NA	NA	NA
Lead	350	13.0	4.30	530	50.0	6.00 [6.00]
Magnesium	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA
Mercury	0.570	ND(0.270)	ND(0.300)	0.510	0.330	ND(0.250) [ND(0.250)]
Nickel	12.0	12.0	12.0	16.0	11.0	12.0 [10.0]
Potassium	NA	NA	NA	NA	NA	NA
Selenium	ND(1.00)	ND(1.00)	ND(1.10)	ND(1.00)	ND(1.00)	ND(0.930) [ND(0.950)]
Silver	ND(1.00)	ND(1.00)	ND(1.10)	ND(1.00)	ND(1.00)	ND(0.930) [ND(0.950)]
Sodium	NA	NA	NA	NA	NA	NA
Sulfide	11.0	ND(6.70)	140	22.0	11.0	9.80 [16.0]
Thallium	ND(2.10)	ND(2.00)	ND(2.30)	ND(2.10)	ND(2.10)	ND(1.80) [ND(1.90)]
Tin	ND(62.0)	ND(60.0)	ND(68.0)	ND(63.0)	ND(63.0)	ND(56.0) [ND(57.0)]
Vanadium	ND(10.0)	ND(10.0)	ND(11.0)	13.0	ND(10.0)	ND(9.30) [ND(9.50)]
Zinc	130	33.0	24.0	270	71.0	34.0 [28.0]

**TABLE 2-4
SUMMARY OF PRIOR APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	19-9-26-SS-4 0-1 11/28/00	19-9-26-SS-4 1-2 11/28/00	19-9-26-SS-6 0-1 06/24/99	19-9-27-SB-1 4-6 11/28/00	19-9-27-SB-2 0-1 06/24/99	19-9-27-SB-2 8-10 11/27/00
Volatile Organics						
None Detected	--	--	--	--	--	--
Semivolatile Organics						
1,2,4-Trichlorobenzene	ND(1.4) [ND(1.5)]	ND(1.4)	ND(0.30)	ND(0.42)	ND(0.40)	ND(0.96)
1,3-Dichlorobenzene	ND(1.4) [ND(1.5)]	ND(1.4)	ND(0.30)	ND(0.42)	ND(0.40)	ND(0.96)
1,4-Dichlorobenzene	ND(1.4) [ND(1.5)]	ND(1.4)	ND(0.30)	ND(0.42)	ND(0.40)	ND(0.96)
2,4-Dimethylphenol	ND(1.4) [ND(1.5)]	ND(1.4)	ND(0.30)	ND(0.42)	ND(0.40)	ND(0.96)
2-Methylnaphthalene	ND(1.4) [ND(1.5)]	ND(1.4)	ND(0.30)	ND(0.42)	ND(0.40)	ND(0.96)
2-Methylphenol	ND(1.4) [ND(1.5)]	ND(1.4)	ND(0.30)	ND(0.42)	ND(0.40)	ND(0.96)
3&4-Methylphenol	ND(1.4) [ND(1.5)]	ND(1.4)	ND(0.70)	ND(0.84)	ND(0.70)	ND(0.98)
Acenaphthene	0.52 J [0.56 J]	ND(1.4)	ND(0.30)	ND(0.42)	ND(0.40)	ND(0.96)
Acenaphthylene	ND(1.4) [ND(1.5)]	ND(1.4)	0.30	ND(0.42)	0.50	ND(0.96)
Acetophenone	ND(1.4) [ND(1.5)]	ND(1.4)	ND(0.30)	ND(0.42)	ND(0.40)	ND(0.96)
Aniline	ND(1.4) [ND(1.5)]	ND(1.4)	ND(0.30)	ND(0.42)	ND(0.40)	ND(0.96)
Anthracene	1.4 J [1.1 J]	ND(1.4)	0.50	ND(0.42)	0.70	ND(0.96)
Benzo(a)anthracene	6.8 [5.9]	1.1 J	2.0	0.47	2.0	ND(0.96)
Benzo(a)pyrene	7.0 [6.0]	1.5	1.0	0.44	2.0	ND(0.96)
Benzo(b)fluoranthene	7.4 [4.1]	1.5	2.0	0.39 J	2.0	ND(0.96)
Benzo(g,h,i)perylene	5.6 [4.5]	2.1	0.90	ND(0.42)	1.0	ND(0.96)
Benzo(k)fluoranthene	5.9 [8.4]	1.3 J	0.70	0.36 J	1.0	ND(0.96)
bis(2-Ethylhexyl)phthalate	ND(1.4) [ND(1.5)]	ND(1.4)	0.40	ND(0.42)	19	ND(0.96)
Butylbenzylphthalate	ND(1.4) [ND(1.5)]	ND(1.4)	2.0	ND(0.84)	0.70	ND(0.98)
Chrysene	8.3 [7.1]	1.4	2.0	0.43	2.0	ND(0.96)
Dibenzo(a,h)anthracene	3.8 [ND(1.5)]	ND(1.4)	ND(0.70)	ND(0.84)	ND(0.70)	ND(0.98)
Dibenzofuran	ND(1.4) [ND(1.5)]	ND(1.4)	ND(0.30)	ND(0.42)	ND(0.40)	ND(0.96)
Di-n-Butylphthalate	ND(1.4) [ND(1.5)]	ND(1.4)	ND(0.30)	ND(0.42)	2.0	ND(0.96)
Fluoranthene	17 [13]	2.3	4.0	0.94	4.0	1.1
Fluorene	ND(1.4) [ND(1.5)]	ND(1.4)	ND(0.30)	ND(0.42)	ND(0.40)	ND(0.96)
Hexachlorophene	ND(2.9) [ND(3.0)]	ND(6.8)	ND(0.70)	ND(0.84)	ND(0.70)	ND(1.9)
Indeno(1,2,3-cd)pyrene	10 [8.0]	1.8	1.0	0.41 J	1.0	ND(0.98)
Naphthalene	ND(1.4) [ND(1.5)]	ND(1.4)	ND(0.30)	ND(0.42)	ND(0.40)	ND(0.96)
o-Toluidine	ND(1.4) [ND(1.5)]	ND(1.4)	ND(0.30)	ND(0.42)	ND(0.40)	ND(0.96)
Phenanthrene	9.9 [8.2]	1.2 J	2.0	0.53	1.0	ND(0.96)
Phenol	ND(1.4) [ND(1.5)]	ND(1.4)	ND(0.30)	ND(0.42)	ND(0.40)	ND(0.96)
Pyrene	13 [9.1]	2.0	2.0	0.80	3.0	1.2
Furans						
2,3,7,8-TCDF	0.000037 [0.000032]	0.000043	0.000060	0.000067	0.000023	ND(0.000079) X
TCDFs (total)	0.00019 [0.00017]	0.00025	0.00018	0.00030	0.00070	0.00013
1,2,3,7,8-PeCDF	ND(0.000014) X [0.000013 I]	ND(0.000016) X	0.000016	ND(0.000029) X	0.000057	0.000041
2,3,4,7,8-PeCDF	ND(0.000012) X [0.000012]	0.000013	0.000019	0.000021	0.000077	0.000047
PeCDFs (total)	0.00027 [0.00014]	0.00036	0.00012	0.000021	0.00033	0.000076
1,2,3,4,7,8-HxCDF	0.00014 [0.00012 I]	0.00018	0.000030	0.000012 I	0.000083	0.000021 I
1,2,3,6,7,8-HxCDF	0.000088 [0.000076]	0.000086	0.000019	ND(0.0000027)	0.000057	ND(0.0000055)
1,2,3,7,8,9-HxCDF	ND(0.000024) [ND(0.000014)]	ND(0.000025)	0.000013 J	ND(0.0000034)	0.0000060 J	ND(0.0000070)
2,3,4,6,7,8-HxCDF	0.000015 [0.000013]	0.000019	0.000011	0.000011	0.000062	ND(0.000016) X
HxCDFs (total)	0.00020 [0.00018]	0.00026	0.00018	0.000010	0.000062	0.000022
1,2,3,4,6,7,8-HpCDF	ND(0.000042) X [ND(0.000034) X]	0.000036	0.000053	0.000044	0.000029	ND(0.000029) X
1,2,3,4,7,8,9-HpCDF	ND(0.000034) X [0.000037]	0.000044	0.000055	ND(0.0000070) X	0.000025 J	0.0000094
HpCDFs (total)	ND(0.000016) [0.000037]	0.000043	0.00011	0.000044	0.00070	0.000046
OCDF	0.000064 [0.000047]	0.000032	0.000058	0.000034	0.000035	0.000027
Dioxins						
2,3,7,8-TCDD	ND(0.000013) X [ND(0.0000058)]	ND(0.0000037)	0.000020	ND(0.0000021)	0.0000066 J	ND(0.0000045) X
TCDDs (total)	ND(0.0000066) [0.000069]	0.000043	0.000047	0.0000061	0.0000066	0.000050
1,2,3,7,8-PeCDD	ND(0.000012) [ND(0.000013)]	ND(0.0000093)	0.000034	ND(0.000017)	0.000029	ND(0.0000077)
PeCDDs (total)	ND(0.000012) [ND(0.000013)]	ND(0.0000093)	0.000012	ND(0.000017)	0.000038	ND(0.0000077)
1,2,3,4,7,8-HxCDD	ND(0.000012) X [ND(0.0000096) X]	ND(0.0000050)	0.000016 J	ND(0.0000035)	0.0000097 J	ND(0.0000055)
1,2,3,6,7,8-HxCDD	0.000050 [0.000042]	ND(0.000020) X	0.000063	ND(0.0000033)	0.000078	ND(0.0000052)
1,2,3,7,8,9-HxCDD	ND(0.000055) X [ND(0.000039) X]	ND(0.000018) X	0.000056	ND(0.0000032)	0.000038	ND(0.0000052)
HxCDDs (total)	0.00024 [0.000078]	0.000036	0.000021	ND(0.0000033)	0.000039	ND(0.0000052)
1,2,3,4,6,7,8-HpCDD	0.000081 [0.000058]	0.000028	0.000071	0.000038	0.000089	ND(0.000019) X
HpCDDs (total)	0.00015 [0.00011]	0.000052	0.00013	0.000084	0.00019	0.000018
OCDD	0.00071 B [0.00045 B]	0.00019 B	0.00037	0.000018 B	0.00066	0.000068 B
Total TEQs (WHO TEFs)	0.000027 [0.000026]	0.000034	0.000031	0.000042	0.000015	0.000079

**TABLE 2-4
SUMMARY OF PRIOR APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	19-9-26-SS-4 0-1 11/28/00	19-9-26-SS-4 1-2 11/28/00	19-9-26-SS-6 0-1 06/24/99	19-9-27-SB-1 4-6 11/28/00	19-9-27-SB-2 0-1 06/24/99	19-9-27-SB-2 8-10 11/27/00
Inorganics						
Aluminum	NA	NA	NA	NA	NA	NA
Antimony	ND(13.0) [ND(13.0)]	ND(12.0)	ND(9.40)	ND(11.0)	ND(11.1)	ND(13.0)
Arsenic	ND(22.0) [ND(22.0)]	ND(20.0)	ND(15.7)	ND(19.0)	ND(18.4)	ND(22.0)
Barium	90.0 [100]	110	169	480	76.9	ND(44.0)
Beryllium	0.320 [0.360]	0.360	0.280	0.290	0.220	ND(0.220)
Cadmium	ND(2.20) [ND(2.20)]	ND(2.00)	ND(1.60)	ND(1.90)	ND(1.80)	ND(2.20)
Calcium	NA	NA	NA	NA	NA	NA
Chromium	20.0 [17.0]	12.0	14.3	11.0	ND(4.90)	ND(5.90)
Cobalt	11.0 [ND(11.0)]	ND(10.0)	8.20	ND(9.40)	ND(9.20)	ND(11.0)
Copper	42.0 [49.0]	54.0	43.9	53.0	33.2	88.0
Cyanide	ND(1.40) [0.320]	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.20)	ND(1.00)
Iron	NA	NA	NA	NA	NA	NA
Lead	270 [330]	430	446	800	146	99.0
Magnesium	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA
Mercury	0.610 [0.480]	0.600	0.440	ND(0.250)	0.170	ND(0.290)
Nickel	18.0 [18.0]	18.0	18.9	19.0	11.8	ND(8.80)
Potassium	NA	NA	NA	NA	NA	NA
Selenium	ND(1.10) [ND(1.10)]	ND(1.00)	ND(0.780)	ND(0.940)	ND(0.920)	ND(1.10)
Silver	ND(1.10) [ND(1.10)]	ND(1.00)	ND(0.780)	ND(0.940)	ND(0.920)	ND(1.10)
Sodium	NA	NA	NA	NA	NA	NA
Sulfide	12.0 [ND(7.20)]	8.60	10.0	430	27.1	1500
Thallium	ND(2.20) [ND(2.20)]	ND(2.00)	ND(1.60)	ND(1.90)	ND(1.80)	ND(2.20)
Tin	ND(66.0) [ND(65.0)]	ND(62.0)	ND(47.0)	ND(57.0)	ND(55.4)	ND(66.0)
Vanadium	14.0 [16.0]	14.0	14.7	ND(9.40)	16.0	ND(11.0)
Zinc	180 [200]	190	234	430	158	89.0

**TABLE 2-4
SUMMARY OF PRIOR APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	19-9-27-SB-3 0-1 11/28/00	19-9-27-SB-3 4-6 11/28/00	19-9-27-SB-5 2-4 11/22/00	19-9-27-SB-7 6-8 06/25/99	19-9-27-SB-8 0-1 09/21/99	19-9-27-SB-8 2-4 09/21/99	19-9-27-SB-9 2-4 09/21/99
Volatile Organics							
None Detected	--	--	NA	--	NA	NA	NA
Semivolatile Organics							
1,2,4-Trichlorobenzene	ND(0.42)	ND(0.45)	ND(0.44)	ND(0.50)	ND(0.38)	ND(0.38)	ND(4.0)
1,3-Dichlorobenzene	ND(0.42)	ND(0.45)	ND(0.44)	ND(0.50)	ND(0.38)	ND(0.38)	ND(4.0)
1,4-Dichlorobenzene	ND(0.42)	ND(0.45)	ND(0.44)	ND(0.50)	ND(0.38)	ND(0.38)	ND(4.0)
2,4-Dimethylphenol	ND(0.42)	ND(0.45)	ND(0.44)	ND(0.50)	ND(0.78)	ND(0.77)	ND(8.2)
2-Methylnaphthalene	ND(0.42)	ND(0.45)	ND(0.44)	ND(0.50)	ND(0.77)	ND(0.76)	11
2-Methylphenol	ND(0.42)	ND(0.45)	ND(0.44)	ND(0.50)	ND(0.38)	ND(0.38)	ND(4.0)
3&4-Methylphenol	ND(0.86)	ND(0.91)	ND(0.89)	ND(0.70)	ND(0.78)	ND(0.77)	ND(8.2)
Acenaphthene	ND(0.42)	ND(0.45)	ND(0.44)	ND(0.50)	0.11 J	ND(0.38)	26
Acenaphthylene	ND(0.42)	ND(0.45)	ND(0.44)	ND(0.50)	ND(0.38)	ND(0.38)	1.3 J
Acetophenone	ND(0.42)	ND(0.45)	ND(0.44)	ND(0.50)	ND(0.78)	ND(0.77)	ND(8.2)
Aniline	ND(0.42)	ND(0.45)	ND(0.44)	ND(0.50)	ND(0.38)	ND(0.38)	ND(4.0)
Anthracene	ND(0.42)	ND(0.45)	0.45	ND(0.50)	0.31 J	ND(0.38)	52
Benzo(a)anthracene	ND(0.42)	ND(0.45)	1.1	ND(0.50)	1.1	0.10 J	47
Benzo(a)pyrene	ND(0.42)	ND(0.45)	0.87	ND(0.50)	1.4	0.15 J	45
Benzo(b)fluoranthene	ND(0.42)	ND(0.45)	0.76	ND(0.50)	1.3	0.13 J	36
Benzo(g,h,i)perylene	0.45	ND(0.45)	0.98	ND(0.50)	0.70	ND(0.38)	15
Benzo(k)fluoranthene	ND(0.42)	ND(0.45)	0.75	ND(0.50)	1.5	0.15 J	35
bis(2-Ethylhexyl)phthalate	ND(0.42)	ND(0.45)	ND(0.44)	ND(0.50)	0.16 J	0.084 J	ND(4.0)
Butylbenzylphthalate	ND(0.86)	ND(0.91)	ND(0.89)	ND(0.70)	0.13 J	ND(0.38)	ND(4.0)
Chrysene	ND(0.42)	ND(0.45)	1.1	ND(0.50)	1.4	0.13 J	44
Dibenzo(a,h)anthracene	ND(0.86)	ND(0.91)	ND(0.89)	ND(0.70)	0.33 J	ND(0.38)	7.7
Dibenzofuran	ND(0.42)	ND(0.45)	ND(0.44)	ND(0.50)	ND(0.78)	ND(0.77)	21
Di-n-Butylphthalate	ND(0.42)	ND(0.45)	ND(0.44)	ND(0.50)	ND(0.38)	ND(0.38)	ND(4.0)
Fluoranthene	0.48	ND(0.45)	2.2	ND(0.50)	3.1	0.20 J	96
Fluorene	ND(0.42)	ND(0.45)	ND(0.44)	ND(0.50)	0.14 J	ND(0.38)	32
Hexachlorophene	ND(2.1)	ND(2.2)	ND(0.89)	ND(0.70)	ND(0.78)	ND(0.77)	ND(8.2)
Indeno(1,2,3-cd)pyrene	ND(0.86)	ND(0.91)	1.6	ND(0.70)	0.76	0.079 J	17
Naphthalene	ND(0.42)	ND(0.45)	ND(0.44)	ND(0.50)	ND(0.38)	ND(0.38)	19
o-Toluidine	ND(0.42)	ND(0.45)	ND(0.44)	ND(0.50)	ND(0.78)	ND(0.77)	ND(8.2)
Phenanthrene	ND(0.42)	ND(0.45)	2.1	ND(0.50)	2.0	0.084 J	160
Phenol	ND(0.42)	ND(0.45)	ND(0.44)	ND(0.50)	ND(0.78)	ND(0.77)	ND(8.2)
Pyrene	0.44	ND(0.45)	1.8	ND(0.50)	2.4	0.17 J	84
Furans							
2,3,7,8-TCDF	0.000014	0.0000087	NA	0.000027	0.000034	0.0000046	0.000011
TCDFs (total)	0.000063	0.0000087	NA	0.000084	0.00020	0.000024	0.000080
1,2,3,7,8-PeCDF	0.0000048	ND(0.0000016) X	NA	0.0000060	0.0000089 J	ND(0.0000062)	0.0000060 J
2,3,4,7,8-PeCDF	0.0000047	0.00000055	NA	0.0000070	0.0000086 J	0.0000012 J	ND(0.0000013)
PeCDFs (total)	0.000064	0.0000037	NA	0.000043	0.00010	0.000063 J	0.000029
1,2,3,4,7,8-HxCDF	0.000022 I	0.0000020	NA	0.000013	0.000013	0.0000031 J	ND(0.0000042)
1,2,3,6,7,8-HxCDF	ND(0.0000098)	ND(0.0000056) X	NA	0.000048	0.0000058 J	ND(0.0000098)	ND(0.0000043)
1,2,3,7,8,9-HxCDF	ND(0.000012)	ND(0.0000029)	NA	ND(0.0000024)	ND(0.0000011)	ND(0.0000093)	ND(0.0000041)
2,3,4,6,7,8-HxCDF	0.0000026	0.0000041	NA	0.0000039	0.0000070 J	0.0000015 J	ND(0.0000045)
HxCDFs (total)	0.000037	0.0000047	NA	0.000033	0.000079	0.0000085 J	ND(0.0000045)
1,2,3,4,6,7,8-HpCDF	0.000022	0.0000041	NA	0.000012	0.000026	0.0000037 J	0.000019
1,2,3,4,7,8,9-HpCDF	ND(0.000014) X	ND(0.0000012)	NA	0.0000030 J	ND(0.0000014)	ND(0.0000011)	ND(0.0000069)
HpCDFs (total)	0.000022	0.0000046	NA	0.000023	0.000047	0.0000037 J	0.000019
OCDF	0.000030	0.0000019	NA	0.000018	0.000028	0.0000036 J	ND(0.0000027)
Dioxins							
2,3,7,8-TCDD	ND(0.0000016)	ND(0.0000010)	NA	ND(0.0000037)	ND(0.0000011)	ND(0.0000078)	ND(0.0000030)
TCDDs (total)	0.000019	ND(0.0000010)	NA	ND(0.0000037)	ND(0.0000011)	ND(0.0000078)	ND(0.0000030)
1,2,3,7,8-PeCDD	ND(0.0000066)	ND(0.0000024)	NA	ND(0.0000011)	ND(0.0000012)	ND(0.0000071)	ND(0.0000027)
PeCDDs (total)	ND(0.0000066)	ND(0.0000024)	NA	ND(0.0000011)	ND(0.0000012)	ND(0.0000071)	ND(0.0000027)
1,2,3,4,7,8-HxCDD	ND(0.0000046)	ND(0.0000023)	NA	ND(0.0000052)	ND(0.0000011)	ND(0.0000012)	ND(0.0000051)
1,2,3,6,7,8-HxCDD	ND(0.0000044)	ND(0.0000022)	NA	0.0000012 J	ND(0.0000013)	ND(0.0000014)	ND(0.0000063)
1,2,3,7,8,9-HxCDD	ND(0.0000043)	ND(0.0000027) X	NA	ND(0.0000076)	ND(0.0000012)	ND(0.0000013)	ND(0.0000057)
HxCDDs (total)	ND(0.0000044)	ND(0.0000022)	NA	0.000012	ND(0.0000013)	ND(0.0000014)	ND(0.0000063)
1,2,3,4,6,7,8-HpCDD	0.000024	0.0000023	NA	0.000010	0.000037	ND(0.0000015)	ND(0.000014)
HpCDDs (total)	0.000042	0.0000046	NA	0.000017	0.000059	0.0000024 J	ND(0.000014)
OCDD	0.00022 B	0.0000062 B	NA	0.00013	0.00020	0.000014 J	0.000050
Total TEQs (WHO TEFs)	0.0000075	0.0000092	NA	0.0000099	0.000013	0.0000026	0.0000066

**TABLE 2-4
SUMMARY OF PRIOR APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	19-9-27-SB-3 0-1 11/28/00	19-9-27-SB-3 4-6 11/28/00	19-9-27-SB-5 2-4 11/22/00	19-9-27-SB-7 6-8 06/25/99	19-9-27-SB-8 0-1 09/21/99	19-9-27-SB-8 2-4 09/21/99	19-9-27-SB-9 2-4 09/21/99
Inorganics							
Aluminum	NA	NA	NA	NA	NA	NA	NA
Antimony	ND(12.0)	ND(12.0)	ND(12.0)	ND(14.7)	ND(7.80)	ND(7.68)	ND(8.45)
Arsenic	ND(19.0)	ND(20.0)	ND(20.0)	ND(24.6)	11.5	10.2	14.1
Barium	97.0	ND(41.0)	190	153	56.7	59.0	99.1
Beryllium	0.300	0.320	0.280	1.90	ND(0.651)	ND(0.643)	ND(0.706)
Cadmium	ND(1.90)	ND(2.00)	ND(2.00)	ND(2.40)	ND(0.651)	ND(0.643)	ND(0.706)
Calcium	NA	NA	NA	NA	NA	NA	NA
Chromium	12.0	7.30	15.0	24.1	9.77	10.8	11.1
Cobalt	ND(9.60)	ND(10.0)	ND(9.90)	ND(12.3)	9.88	8.96	ND(7.04)
Copper	27.0	26.0	40.0	26.0	26.6	40.3	84.4
Cyanide	ND(1.00)	ND(1.00)	NA	ND(0.0330)	NA	NA	NA
Iron	NA	NA	NA	NA	NA	NA	NA
Lead	120	33.0	340	13.2	97.4	155	232
Magnesium	NA	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA	NA
Mercury	0.370	ND(0.270)	0.410	2.40	0.131	0.333	674
Nickel	8.50	13.0	14.0	24.4	19.7	17.8	16.7
Potassium	NA	NA	NA	NA	NA	NA	NA
Selenium	ND(0.960)	ND(1.00)	ND(0.990)	ND(1.20)	ND(0.651)	ND(0.643)	ND(0.706)
Silver	ND(0.960)	ND(1.00)	ND(0.990)	ND(1.20)	ND(1.30)	ND(1.21)	ND(1.41)
Sodium	NA	NA	NA	NA	NA	NA	NA
Sulfide	53.0	23.0	NA	328	NA	NA	NA
Thallium	ND(1.90)	ND(2.00)	ND(2.00)	ND(2.40)	ND(6.50)	ND(6.39)	ND(7.04)
Tin	ND(58.0)	ND(61.0)	ND(60.0)	ND(73.7)	ND(65.0)	ND(64.0)	ND(70.5)
Vanadium	ND(9.60)	ND(10.0)	10.0	34.4	14.9	13.0	17.8
Zinc	100	48.0	280	66.6	105	142	235

**TABLE 2-4
SUMMARY OF PRIOR APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	19-9-27-SB-9 4-6 11/22/00	19-9-27-SB-10 0-1 09/21/99	19-9-27-SB-10 2-4 09/21/99	19-9-27-SB-10 8-10 11/28/00	19-9-27-SB-11 2-4 11/22/00	19-9-27-SS-2 0-1 06/24/99
Volatile Organics						
None Detected	NA	NA	NA	--	NA	--
Semivolatile Organics						
1,2,4-Trichlorobenzene	ND(0.42)	ND(0.43)	ND(4.3)	ND(0.48)	ND(0.44)	ND(0.40)
1,3-Dichlorobenzene	ND(0.42)	ND(0.43)	ND(4.3)	ND(0.48)	ND(0.44)	ND(0.40)
1,4-Dichlorobenzene	ND(0.42)	ND(0.43)	ND(4.3)	ND(0.48)	ND(0.44)	ND(0.40)
2,4-Dimethylphenol	ND(0.42)	ND(0.87)	1.4 J	ND(0.48)	ND(0.44)	ND(0.40)
2-Methylnaphthalene	ND(0.42)	ND(0.85)	21	ND(0.48)	ND(0.44)	ND(0.40)
2-Methylphenol	ND(0.42)	ND(0.43)	1.2 J	ND(0.48)	ND(0.44)	ND(0.40)
3&4-Methylphenol	ND(0.86)	ND(0.87)	3.8 J	ND(0.98)	ND(0.90)	ND(0.70)
Acenaphthene	ND(0.42)	0.17 J	38	ND(0.48)	ND(0.44)	ND(0.40)
Acenaphthylene	ND(0.42)	0.11 J	4.6	ND(0.48)	ND(0.44)	ND(0.40)
Acetophenone	ND(0.42)	ND(0.87)	ND(8.7)	ND(0.48)	ND(0.44)	ND(0.40)
Aniline	ND(0.42)	ND(0.43)	ND(4.3)	ND(0.48)	ND(0.44)	ND(0.40)
Anthracene	ND(0.42)	0.47	83	ND(0.48)	0.65	ND(0.40)
Benzo(a)anthracene	ND(0.42)	1.0	85	ND(0.48)	1.9	ND(0.40)
Benzo(a)pyrene	ND(0.42)	1.2	85	ND(0.48)	1.7	ND(0.40)
Benzo(b)fluoranthene	ND(0.42)	1.0	75	ND(0.48)	1.4	ND(0.40)
Benzo(g,h,i)perylene	ND(0.42)	0.52	33	ND(0.48)	1.4	ND(0.40)
Benzo(k)fluoranthene	ND(0.42)	1.3	55	ND(0.48)	1.3	ND(0.40)
bis(2-Ethylhexyl)phthalate	ND(0.42)	0.14 J	ND(4.3)	ND(0.48)	ND(0.44)	ND(0.40)
Butylbenzylphthalate	ND(0.86)	0.18 J	ND(4.3)	ND(0.98)	ND(0.90)	ND(0.70)
Chrysene	ND(0.42)	1.2	79	ND(0.48)	1.9	ND(0.40)
Dibenzo(a,h)anthracene	ND(0.86)	0.22 J	17	ND(0.98)	ND(0.90)	ND(0.70)
Dibenzofuran	ND(0.42)	0.11 J	30	ND(0.48)	ND(0.44)	ND(0.40)
Di-n-Butylphthalate	ND(0.42)	0.10 J	ND(4.3)	ND(0.48)	ND(0.44)	ND(0.40)
Fluoranthene	0.43	2.5	230	ND(0.48)	3.8	0.50
Fluorene	ND(0.42)	0.21 J	53	ND(0.48)	ND(0.44)	ND(0.40)
Hexachlorophene	ND(0.86)	ND(0.87)	ND(8.7)	ND(0.98)	ND(0.90)	ND(0.70)
Indeno(1,2,3-cd)pyrene	ND(0.86)	0.56	34	ND(0.98)	2.4	ND(0.70)
Naphthalene	ND(0.42)	0.11 J	62	ND(0.48)	ND(0.44)	ND(0.40)
o-Toluidine	ND(0.42)	ND(0.87)	ND(8.7)	ND(0.48)	ND(0.44)	ND(0.40)
Phenanthrene	ND(0.42)	1.8	330	ND(0.48)	2.9	ND(0.40)
Phenol	ND(0.42)	ND(0.87)	ND(8.7)	ND(0.48)	ND(0.44)	ND(0.40)
Pyrene	0.45	2.1	210	ND(0.48)	3.3	0.40
Furans						
2,3,7,8-TCDF	NA	0.000072	0.000014	ND(0.00000016)	NA	0.000034
TCDFs (total)	NA	0.00045	0.000023	ND(0.00000016)	NA	0.0010
1,2,3,7,8-PeCDF	NA	0.000023	0.0000067 J	ND(0.00000012)	NA	0.0000093
2,3,4,7,8-PeCDF	NA	0.000022	ND(0.0000030)	ND(0.00000012)	NA	0.000050
PeCDFs (total)	NA	0.00032	0.000035	ND(0.00000012)	NA	0.0023
1,2,3,4,7,8-HxCDF	NA	0.000036	ND(0.0000079)	ND(0.00000011)	NA	0.000040
1,2,3,6,7,8-HxCDF	NA	0.000017	ND(0.0000083)	ND(0.00000011)	NA	0.00019
1,2,3,7,8,9-HxCDF	NA	ND(0.0000064)	ND(0.0000078)	ND(0.00000014)	NA	0.0000026 J
2,3,4,6,7,8-HxCDF	NA	0.000018	ND(0.0000086)	ND(0.00000011)	NA	0.0000092
HxCDFs (total)	NA	0.00026	0.000072	ND(0.00000011)	NA	0.00047
1,2,3,4,6,7,8-HpCDF	NA	0.00010	ND(0.000017)	ND(0.00000042)	NA	0.000066
1,2,3,4,7,8,9-HpCDF	NA	0.000073 J	ND(0.000018)	ND(0.00000058)	NA	0.000065
HpCDFs (total)	NA	0.00021	ND(0.000018)	ND(0.00000042)	NA	0.00015
OCDF	NA	0.00016	ND(0.0000054)	ND(0.00000015)	NA	0.00015
Dioxins						
2,3,7,8-TCDD	NA	ND(0.00000076)	ND(0.0000048)	ND(0.00000013)	NA	ND(0.00000015)
TCDDs (total)	NA	0.0000088	ND(0.0000048)	ND(0.00000013)	NA	0.0000014
1,2,3,7,8-PeCDD	NA	ND(0.00000081)	ND(0.0000026)	ND(0.00000023)	NA	ND(0.00000080)
PeCDDs (total)	NA	0.0000032 J	ND(0.0000026)	ND(0.00000023)	NA	0.00000092
1,2,3,4,7,8-HxCDD	NA	ND(0.00000054)	ND(0.000013)	ND(0.00000013)	NA	0.0000018 J
1,2,3,6,7,8-HxCDD	NA	0.0000095 J	ND(0.000016)	ND(0.00000012)	NA	0.0000057
1,2,3,7,8,9-HxCDD	NA	0.0000043 J	ND(0.000015)	ND(0.00000012)	NA	0.0000040
HxCDDs (total)	NA	0.000066	ND(0.000016)	ND(0.00000012)	NA	0.000037
1,2,3,4,6,7,8-HpCDD	NA	0.00017	ND(0.000031)	0.00000041	NA	0.00016
HpCDDs (total)	NA	0.00028	ND(0.000031)	0.00000041	NA	0.00027
OCDD	NA	0.0019	ND(0.000017)	0.0000021 B	NA	0.0025 E
Total TEQs (WHO TEFs)	NA	0.000032	0.000010	0.00000027	NA	0.000058

**TABLE 2-4
SUMMARY OF PRIOR APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-27-SB-9 4-6 11/22/00	I9-9-27-SB-10 0-1 09/21/99	I9-9-27-SB-10 2-4 09/21/99	I9-9-27-SB-10 8-10 11/28/00	I9-9-27-SB-11 2-4 11/22/00	I9-9-27-SS-2 0-1 06/24/99
Inorganics						
Aluminum	NA	NA	NA	NA	NA	NA
Antimony	ND(12.0)	ND(8.76)	ND(9.75)	ND(13.0)	ND(12.0)	ND(9.80)
Arsenic	ND(19.0)	28.8	20.2	ND(22.0)	ND(20.0)	ND(16.3)
Barium	57.0	165	278	ND(44.0)	120	91.2
Beryllium	0.270	ND(0.725)	ND(0.819)	0.280	0.300	0.320
Cadmium	ND(1.90)	1.55	4.03	ND(2.20)	ND(2.00)	ND(1.60)
Calcium	NA	NA	NA	NA	NA	NA
Chromium	7.60	88.6	48.5	6.90	12.0	43.6
Cobalt	ND(9.70)	12.7	8.45	ND(11.0)	ND(10.0)	9.10
Copper	35.0	117	779	ND(22.0)	64.0	42.3
Cyanide	NA	NA	NA	ND(1.00)	NA	ND(1.10)
Iron	NA	NA	NA	NA	NA	NA
Lead	100	284	828	12.0	160	121
Magnesium	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA
Mercury	4.00	1.05	1.11	ND(0.290)	2.20	1.70
Nickel	14.0	30.8	24.7	22.0	18.0	16.6
Potassium	NA	NA	NA	NA	NA	NA
Selenium	ND(0.970)	1.68	3.12	ND(1.10)	ND(1.00)	ND(0.810)
Silver	ND(0.970)	1.68	64.8	ND(1.10)	ND(1.00)	ND(0.810)
Sodium	NA	NA	NA	NA	NA	NA
Sulfide	NA	NA	NA	250	NA	8.70
Thallium	ND(1.90)	ND(7.29)	ND(8.13)	ND(2.20)	ND(2.00)	ND(1.60)
Tin	ND(58.0)	ND(73.0)	134	ND(66.0)	ND(61.0)	ND(48.8)
Vanadium	9.70	31.2	34.5	ND(11.0)	10.0	11.2
Zinc	69.0	387	2080	62.0	240	187

**TABLE 2-4
SUMMARY OF PRIOR APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	19-9-27-SS-3 0-1 06/24/99	19-9-27-SS-4 0-1 11/28/00	19-9-27-SS-4 8-10 11/28/00	19-9-27-SS-4 14-16 11/28/00	19-9-27-SS-16 0-1 11/28/00
Volatile Organics					
None Detected	--	--	--	--	--
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.40) [ND(0.40)]	ND(0.41)	ND(0.44)	ND(0.45) [ND(0.46)]	ND(0.43)
1,3-Dichlorobenzene	ND(0.40) [ND(0.40)]	ND(0.41)	ND(0.44)	ND(0.45) [ND(0.46)]	ND(0.43)
1,4-Dichlorobenzene	ND(0.40) [ND(0.40)]	ND(0.41)	ND(0.44)	ND(0.45) [ND(0.46)]	ND(0.43)
2,4-Dimethylphenol	ND(0.40) [ND(0.40)]	ND(0.41)	ND(0.44)	ND(0.45) [ND(0.46)]	ND(0.43)
2-Methylnaphthalene	ND(0.40) [ND(0.40)]	ND(0.41)	ND(0.44)	ND(0.45) [ND(0.46)]	ND(0.43)
2-Methylphenol	ND(0.40) [ND(0.40)]	ND(0.41)	ND(0.44)	ND(0.45) [ND(0.46)]	ND(0.43)
3&4-Methylphenol	ND(0.70) [ND(0.70)]	ND(0.82)	ND(0.89)	ND(0.90) [ND(0.93)]	ND(0.86)
Acenaphthene	1.0 [ND(0.40)]	ND(0.41)	ND(0.44)	ND(0.45) [ND(0.46)]	ND(0.43)
Acenaphthylene	ND(0.40) [ND(0.40)]	ND(0.41)	ND(0.44)	ND(0.45) [ND(0.46)]	ND(0.43)
Acetophenone	ND(0.40) [ND(0.40)]	ND(0.41)	ND(0.44)	ND(0.45) [ND(0.46)]	ND(0.43)
Aniline	ND(0.40) [ND(0.40)]	ND(0.41)	ND(0.44)	ND(0.45) [ND(0.46)]	ND(0.43)
Anthracene	3.0 [0.70]	0.86	ND(0.44)	ND(0.45) [ND(0.46)]	ND(0.43)
Benzo(a)anthracene	7.0 [2.0]	2.7	ND(0.44)	ND(0.45) [ND(0.46)]	0.64
Benzo(a)pyrene	6.0 [2.0]	2.5	ND(0.44)	ND(0.45) [ND(0.46)]	0.63
Benzo(b)fluoranthene	8.0 [3.0]	1.8	ND(0.44)	ND(0.45) [ND(0.46)]	0.58
Benzo(g,h,i)perylene	4.0 [1.0]	1.9	ND(0.44)	ND(0.45) [ND(0.46)]	0.66
Benzo(k)fluoranthene	2.0 [1.0]	2.4	ND(0.44)	ND(0.45) [ND(0.46)]	0.53
bis(2-Ethylhexyl)phthalate	ND(0.40) [ND(0.40)]	ND(0.41)	ND(0.44)	ND(0.45) [ND(0.46)]	ND(0.43)
Butylbenzylphthalate	ND(0.70) [ND(0.70)]	ND(0.82)	ND(0.89)	ND(0.90) [ND(0.93)]	ND(0.86)
Chrysene	7.0 [2.0]	2.7	ND(0.44)	ND(0.45) [ND(0.46)]	0.70
Dibenzo(a,h)anthracene	1.0 [ND(0.70)]	ND(0.82)	ND(0.89)	ND(0.90) [ND(0.93)]	ND(0.86)
Dibenzofuran	0.70 [ND(0.40)]	ND(0.41)	ND(0.44)	ND(0.45) [ND(0.46)]	ND(0.43)
Di-n-Butylphthalate	ND(0.40) [ND(0.40)]	ND(0.41)	ND(0.44)	ND(0.45) [ND(0.46)]	ND(0.43)
Fluoranthene	21 [5.0]	5.1	ND(0.44)	ND(0.45) [ND(0.46)]	1.1
Fluorene	1.0 [ND(0.40)]	ND(0.41)	ND(0.44)	ND(0.45) [ND(0.46)]	ND(0.43)
Hexachlorophene	ND(0.70) [ND(0.70)]	ND(0.82)	ND(0.89)	ND(0.90) [ND(2.3)]	ND(2.1)
Indeno(1,2,3-cd)pyrene	5.0 [2.0]	1.6	ND(0.89)	ND(0.90) [ND(0.93)]	0.84 J
Naphthalene	ND(0.40) [ND(0.40)]	ND(0.41)	ND(0.44)	ND(0.45) [ND(0.46)]	ND(0.43)
o-Toluidine	ND(0.40) [ND(0.40)]	ND(0.41)	ND(0.44)	ND(0.45) [ND(0.46)]	ND(0.43)
Phenanthrene	18 [3.0]	3.9	ND(0.44)	ND(0.45) [ND(0.46)]	0.68
Phenol	ND(0.40) [ND(0.40)]	ND(0.41)	ND(0.44)	ND(0.45) [ND(0.46)]	ND(0.43)
Pyrene	16 [4.0]	4.2	ND(0.44)	ND(0.45) [ND(0.46)]	1.0
Furans					
2,3,7,8-TCDF	0.000096 [0.00010]	0.000028	ND(0.0000022)	ND(0.0000025) [ND(0.0000014)]	0.000042
TCDFs (total)	0.00042 [0.00050]	0.00012	ND(0.0000022)	ND(0.0000025) [ND(0.0000014)]	0.00022
1,2,3,7,8-PeCDF	0.000019 [0.000026]	ND(0.0000099) X	ND(0.0000027)	ND(0.0000025) [ND(0.00000094)]	ND(0.000015) X
2,3,4,7,8-PeCDF	0.000020 [0.000024]	ND(0.0000062) X	ND(0.0000026)	ND(0.0000024) [ND(0.00000092)]	0.000014
PeCDFs (total)	0.00028 [0.00029]	0.000088	ND(0.0000026)	ND(0.0000024) [ND(0.00000092)]	0.00018
1,2,3,4,7,8-HxCDF	0.000031 [0.000034]	0.000047 I	ND(0.0000015)	ND(0.0000012) [ND(0.00000013) X]	0.000074 I
1,2,3,6,7,8-HxCDF	0.000015 [0.000017]	ND(0.0000018)	ND(0.0000015)	ND(0.0000012) [ND(0.00000061)]	ND(0.0000032)
1,2,3,7,8,9-HxCDF	0.0000047 J [ND(0.00000063)]	ND(0.0000024)	ND(0.0000019)	ND(0.0000015) [ND(0.00000078)]	ND(0.0000042)
2,3,4,6,7,8-HxCDF	0.0000079 [0.0000079]	0.000047	ND(0.0000015)	ND(0.0000012) [ND(0.00000061)]	0.000087
HxCDFs (total)	0.00017 [0.00018]	0.000060	ND(0.0000015)	ND(0.0000012) [0.00000038]	0.00011
1,2,3,4,6,7,8-HpCDF	0.000059 [0.000066]	0.000025	ND(0.00000082)	ND(0.00000074) [ND(0.00000038) X]	0.000047
1,2,3,4,7,8,9-HpCDF	0.0000087 [0.0000087]	0.000037	ND(0.0000011)	ND(0.0000010) [ND(0.00000091)]	0.000041
HpCDFs (total)	0.00013 [0.00015]	0.000029	ND(0.00000082)	ND(0.00000074) [ND(0.00000066)]	0.000055
OCDF	0.00014 [0.00014]	0.000026	ND(0.0000011)	ND(0.0000010) [0.00000098]	0.000050
Dioxins					
2,3,7,8-TCDD	0.000011 J [0.0000017]	ND(0.0000068)	ND(0.0000028)	ND(0.0000038) [ND(0.0000015)]	ND(0.0000038)
TCDDs (total)	0.000011 [0.0000042]	0.000042	ND(0.0000028)	ND(0.0000038) [ND(0.0000015)]	0.000063
1,2,3,7,8-PeCDD	0.0000025 [0.0000034]	ND(0.00000087)	ND(0.0000043)	ND(0.0000036) [ND(0.0000022)]	ND(0.0000013)
PeCDDs (total)	0.000011 [0.0000034]	ND(0.00000087)	ND(0.0000043)	ND(0.0000036) [ND(0.0000022)]	ND(0.0000013)
1,2,3,4,7,8-HxCDD	0.0000015 J [0.0000019 J]	ND(0.0000072)	ND(0.0000025)	ND(0.0000019) [ND(0.00000015)]	ND(0.0000083)
1,2,3,6,7,8-HxCDD	0.0000071 [0.0000095]	0.000012	ND(0.0000024)	ND(0.0000018) [ND(0.0000014)]	ND(0.0000015) X
1,2,3,7,8,9-HxCDD	0.0000039 [0.0000033]	ND(0.0000068)	ND(0.0000024)	ND(0.0000018) [ND(0.0000014)]	ND(0.0000078)
HxCDDs (total)	0.000019 [0.000043]	0.000013	ND(0.0000024)	ND(0.0000018) [ND(0.0000014)]	ND(0.0000079)
1,2,3,4,6,7,8-HpCDD	0.000011 [0.00012]	0.000019	ND(0.0000044) X	ND(0.0000011) [0.0000023]	0.000047
HpCDDs (total)	0.00020 [0.00021]	0.000040	ND(0.0000014)	ND(0.0000011) [0.0000039]	0.000086
OCDD	0.0013 [0.0013]	0.00010 B	0.0000021 B	0.0000016 B [0.000019 B]	0.00023 B
Total TEQs (WHO TEFs)	0.000033 [0.000038]	0.000011	0.00000051	0.00000050 [0.00000028]	0.000022

**TABLE 2-4
SUMMARY OF PRIOR APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-27-SS-3 0-1 06/24/99	I9-9-27-SS-4 0-1 11/28/00	I9-9-27-SS-4 8-10 11/28/00	I9-9-27-SS-4 14-16 11/28/00	I9-9-27-SS-16 0-1 11/28/00
Inorganics					
Aluminum	NA	NA	NA	NA	NA
Antimony	ND(9.80) [ND(9.70)]	ND(11.0)	ND(12.0)	ND(12.0) [ND(12.0)]	ND(12.0)
Arsenic	ND(16.2) [ND(16.2)]	ND(18.0)	ND(20.0)	ND(20.0) [ND(21.0)]	ND(19.0)
Barium	90.4 [107]	120	ND(40.0)	ND(40.0) [ND(42.0)]	110
Beryllium	0.250 [0.340]	0.300	0.300	0.340 [0.270]	0.280
Cadmium	ND(1.60) [ND(1.60)]	ND(1.80)	ND(2.00)	ND(2.00) [ND(2.10)]	ND(1.90)
Calcium	NA	NA	NA	NA	NA
Chromium	36.5 [43.4]	12.0	6.70	6.30 [5.70]	12.0
Cobalt	ND(8.10) [10.4]	10.0	ND(10.0)	ND(10.0) [ND(10.0)]	ND(9.70)
Copper	59.4 [99.9]	64.0	ND(20.0)	ND(20.0) [ND(21.0)]	56.0
Cyanide	ND(1.10) [ND(1.10)]	ND(1.00)	ND(1.00)	ND(1.00) [ND(1.00)]	ND(1.00)
Iron	NA	NA	NA	NA	NA
Lead	195 [196]	220	6.60	5.40 [4.80]	420
Magnesium	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA
Mercury	1.40 [1.30]	0.570	ND(0.270)	ND(0.270) [ND(0.280)]	0.720
Nickel	16.0 [22.9]	22.0	16.0	13.0 [11.0]	16.0
Potassium	NA	NA	NA	NA	NA
Selenium	ND(0.810) [0.930]	ND(0.920)	ND(1.00)	ND(1.00) [ND(1.00)]	ND(0.970)
Silver	ND(0.810) [ND(0.810)]	ND(0.920)	ND(1.00)	ND(1.00) [ND(1.00)]	ND(0.970)
Sodium	NA	NA	NA	NA	NA
Sulfide	34.7 [31.3]	12.0	ND(6.70)	98.0 [92.0]	ND(6.40)
Thallium	ND(1.60) [ND(1.60)]	ND(1.80)	ND(2.00)	ND(2.00) [ND(2.10)]	ND(1.90)
Tin	ND(48.8) [ND(48.6)]	ND(55.0)	ND(60.0)	ND(61.0) [ND(63.0)]	ND(58.0)
Vanadium	12.0 [14.2]	14.0	ND(10.0)	ND(10.0) [ND(10.0)]	11.0
Zinc	222 [252]	210	38.0	32.0 [30.0]	340

TABLE 2-4
SUMMARY OF PRIOR APPENDIX IX+3 SOIL DATA

PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	19-9-27-SS-16 6-8 11/28/00	19-9-28-SB-1 0-1 06/24/99	19-9-28-SB-1 6-8 12/01/97	19-9-28-SB-1 8-10 12/04/00	19-9-28-SB-2 0-1 06/24/99	19-9-28-SB-2 6-8 12/01/97	19-9-28-SB-3 0-1 09/21/99	19-9-28-SB-3 2-4 12/01/97
Volatile Organics								
None Detected	--	--	NA	NA	--	NA	NA	NA
Semivolatile Organics								
1,2,4-Trichlorobenzene	ND(0.41)	ND(0.40)	1.1 J	ND(0.56)	ND(0.40)	ND(0.45)	ND(0.39)	ND(0.38)
1,3-Dichlorobenzene	ND(0.41)	ND(0.40)	0.32 J	ND(0.56)	ND(0.40)	ND(0.45)	ND(0.39)	ND(0.38)
1,4-Dichlorobenzene	ND(0.41)	ND(0.40)	1.2 J	ND(0.56)	ND(0.40)	ND(0.45)	ND(0.39)	ND(0.38)
2,4-Dimethylphenol	ND(0.41)	ND(0.40)	ND(2.7)	ND(0.56)	ND(0.40)	ND(0.45)	ND(0.80)	ND(0.38)
2-Methylnaphthalene	ND(0.41)	ND(0.40)	0.28 J	ND(0.56)	ND(0.40)	0.22 J	ND(0.79)	0.36 J
2-Methylphenol	ND(0.41)	ND(0.40)	ND(2.7)	ND(0.56)	ND(0.40)	ND(0.45)	ND(0.39)	ND(0.38)
3&4-Methylphenol	ND(0.83)	ND(0.70)	ND(2.7)	ND(1.1)	ND(0.70)	ND(0.45)	ND(0.80)	ND(0.38)
Acenaphthene	ND(0.41)	ND(0.40)	1.3 J	ND(0.56)	0.60	ND(0.45)	ND(0.39)	1.0
Acenaphthylene	ND(0.41)	ND(0.40)	0.43 J	ND(0.56)	ND(0.40)	ND(0.45)	ND(0.39)	0.12 J
Acetophenone	ND(0.41)	ND(0.40)	ND(2.7)	ND(0.56)	ND(0.40)	ND(0.45)	ND(0.80)	ND(0.38)
Aniline	ND(0.41)	ND(0.40)	ND(2.7)	ND(0.56)	ND(0.40)	ND(0.45)	ND(0.39)	ND(0.38)
Anthracene	ND(0.41)	ND(0.40)	3.1	ND(0.56)	1.0	ND(0.45)	0.10 J	2.4
Benzo(a)anthracene	ND(0.41)	0.50	10	1.1	2.0	0.066 J	0.44	4.2
Benzo(a)pyrene	ND(0.41)	0.50	8.6	0.98	1.0	ND(0.45)	0.63	3.4
Benzo(b)fluoranthene	ND(0.40)	0.70	9.4	1.0	2.0	0.066 J	0.63	2.8
Benzo(g,h,i)perylene	ND(0.41)	ND(0.40)	5.3	0.67	0.80	ND(0.45)	0.29 J	1.8
Benzo(k)fluoranthene	ND(0.41)	ND(0.40)	8.8	0.78	0.80	0.062 J	0.57	3.0
bis(2-Ethylhexyl)phthalate	ND(0.41)	ND(0.40)	ND(2.7)	ND(0.56)	ND(0.40)	ND(0.45)	ND(0.39)	ND(0.38)
Butylbenzylphthalate	ND(0.83)	0.40	ND(2.7)	ND(1.1)	0.60	ND(0.45)	ND(0.39)	ND(0.38)
Chrysene	ND(0.41)	0.60	12	0.99	2.0	0.098 J	0.52	4.2
Dibenzo(a,h)anthracene	ND(0.83)	ND(0.70)	2.4 J	ND(1.1)	ND(0.70)	ND(0.45)	0.13 J	0.82
Dibenzofuran	ND(0.41)	ND(0.40)	0.73 J	ND(0.56)	ND(0.40)	ND(0.45)	ND(0.80)	0.92
Di-n-Butylphthalate	ND(0.41)	ND(0.40)	ND(2.7)	ND(0.56)	0.40	ND(0.45)	0.11 J	ND(0.38)
Fluoranthene	ND(0.41)	1.0	23	2.1	4.0	0.081 J	0.90	10 D
Fluorene	ND(0.41)	ND(0.40)	2.9	ND(0.56)	0.50	ND(0.45)	ND(0.39)	1.3
Hexachlorophene	ND(0.83)	ND(0.70)	ND(27)	ND(1.1)	ND(0.70)	ND(4.5)	ND(0.80)	ND(3.8)
Indeno(1,2,3-cd)pyrene	ND(0.83)	0.40	5.6	ND(1.1)	1.0	ND(0.45)	0.32 J	1.8
Naphthalene	ND(0.41)	ND(0.40)	ND(2.7)	0.57	0.40	0.41 J	ND(0.39)	0.88
o-Toluidine	ND(0.41)	ND(0.40)	ND(2.7)	ND(0.56)	ND(0.40)	ND(0.45)	ND(0.80)	ND(0.38)
Phenanthrene	ND(0.41)	0.60	11	1.4	4.0	0.085 J	0.57	9.9 D
Phenol	ND(0.41)	ND(0.40)	ND(2.7)	ND(0.56)	ND(0.40)	ND(0.45)	ND(0.80)	ND(0.38)
Pyrene	ND(0.41)	0.90	19	1.6	3.0	0.093 J	0.73	6.0
Furans								
2,3,7,8-TCDF	ND(0.00000098)	0.000038	0.000072	NA	0.00016	0.000010	0.000045	0.000020
TCDFs (total)	ND(0.00000098)	0.00015	0.00015	NA	0.0020	0.000045	0.00025	0.000085
1,2,3,7,8-PeCDF	ND(0.00000010)	0.000013	0.000021	NA	0.000013	0.000022	0.000015	0.0000071
2,3,4,7,8-PeCDF	ND(0.00000010)	0.000013	0.000017	NA	0.000075	0.000039	0.000014	0.0000077
PeCDFs (total)	ND(0.00000010)	0.000098	0.000013	NA	0.0024	0.000032	0.00015	0.000099
1,2,3,4,7,8-HxCDF	ND(0.00000073)	0.000018	0.000087	NA	0.000048	0.000052	0.000024	0.000014
1,2,3,6,7,8-HxCDF	ND(0.00000074)	0.000097	0.000023	NA	0.00018	0.000017 J	0.000081 J	0.0000055
1,2,3,7,8,9-HxCDF	ND(0.00000094)	0.0000058 J	0.0000093	NA	0.000031	0.0000034 J	ND(0.0000027)	ND(0.0000015)
2,3,4,6,7,8-HxCDF	ND(0.00000074)	0.000065	0.000062	NA	0.000088	0.000014 J	0.000097 J	0.0000045
HxCDFs (total)	ND(0.00000074)	0.00010	0.00023	NA	0.00052	0.000014	0.00013	0.00011
1,2,3,4,6,7,8-HpCDF	ND(0.00000058)	0.000043	0.000027	NA	0.000035	0.000060	0.000034	0.000020
1,2,3,4,7,8,9-HpCDF	ND(0.00000080)	0.000042	0.000041	NA	0.000011	0.000015 J	0.0000071 J	0.0000036
HpCDFs (total)	ND(0.00000058)	0.000089	0.00011	NA	0.000071	0.000099	0.000073	0.000043
OCDF	ND(0.0000012) X	0.000048	0.000027	NA	0.000037	0.0000073	0.000040	0.000022
Dioxins								
2,3,7,8-TCDD	ND(0.00000013)	0.00000077 J	ND(0.00000066)	NA	0.00000051 J	0.00000069	ND(0.00000019)	ND(0.00000059)
TCDDs (total)	ND(0.00000013)	0.00000077	0.00000066	NA	0.0000022	0.0000069	0.000020	0.0000059
1,2,3,7,8-PeCDD	ND(0.00000022)	0.0000033	ND(0.00000066)	NA	0.0011	ND(0.00000069)	ND(0.0000026)	0.00000045 J
PeCDDs (total)	ND(0.00000022)	0.0000067	0.0000060	NA	0.000020	0.0000069	0.0000094 J	0.00000045
1,2,3,4,7,8-HxCDD	ND(0.00000011)	0.0000011 J	0.0000012 J	NA	0.0000062 J	ND(0.0000017)	ND(0.0000013)	ND(0.0000015)
1,2,3,6,7,8-HxCDD	ND(0.00000011)	0.0000046	0.0000023	NA	0.0000023 J	ND(0.0000017)	ND(0.0000016)	0.00000071 J
1,2,3,7,8,9-HxCDD	ND(0.00000011)	0.0000018 J	ND(0.0000016)	NA	0.0000070	ND(0.0000017)	ND(0.0000015)	ND(0.0000015)
HxCDDs (total)	ND(0.00000011)	0.000019	0.0000034	NA	0.000016	0.000063	ND(0.0000016)	0.0000047
1,2,3,4,6,7,8-HpCDD	ND(0.00000025) X	0.000037	0.0000083	NA	0.000015	0.000057	ND(0.0000040)	0.000011
HpCDDs (total)	ND(0.00000010)	0.000067	0.000015	NA	0.000026	0.000015	ND(0.0000040)	0.000019
OCDD	ND(0.0000012) XB	0.00023	0.000044	NA	0.00013	0.00065	0.00022	0.000062
Total TEQs (WHO TEFs)	0.00000024	0.000020	0.000031	NA	0.0012	0.000055	0.000020	0.000010

**TABLE 2-4
SUMMARY OF PRIOR APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-27-SS-16 6-8 11/28/00	I9-9-28-SB-1 0-1 06/24/99	I9-9-28-SB-1 6-8 12/01/97	I9-9-28-SB-1 8-10 12/04/00	I9-9-28-SB-2 0-1 06/24/99	I9-9-28-SB-2 6-8 12/01/97	I9-9-28-SB-3 0-1 09/21/99	I9-9-28-SB-3 2-4 12/01/97
Inorganics								
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	ND(11.0)	ND(9.40)	19.2	ND(15.0)	ND(9.30)	ND(8.00)	ND(8.18)	3.80
Arsenic	ND(18.0)	ND(15.6)	51.3	ND(25.0)	ND(15.5)	17.9	15.0	8.20
Barium	ND(37.0)	75.1	124	74.0	116	64.4	84.0	49.7
Beryllium	0.320	0.300	0.280	0.440	0.370	0.260	ND(0.679)	0.160
Cadmium	ND(1.80)	ND(1.60)	26.0	ND(2.50)	3.30	ND(1.00)	0.988	ND(0.420)
Calcium	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	6.60	19.6	26.1	11.0	61.6	21.6	44.6	5.50
Cobalt	ND(9.30)	ND(7.80)	4.20	ND(13.0)	10.2	10.6	10.4	5.00
Copper	ND(18.0)	62.0	860	44.0	46.3	5450	425	34.4
Cyanide	ND(1.00)	ND(1.00)	ND(0.800)	NA	ND(1.00)	ND(0.670)	NA	ND(0.570)
Iron	NA	NA	NA	NA	NA	NA	NA	NA
Lead	11.0	145	1220	150	3180	325	217	97.0
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	ND(0.250)	0.750	6.20	ND(0.340)	0.450	0.0400	0.419	0.700
Nickel	13.0	14.2	41.1	19.0	21.2	161	76.5	7.60
Potassium	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	ND(0.930)	ND(0.780)	ND(6.80)	ND(1.30)	ND(0.780)	16.9	ND(0.679)	ND(4.70)
Silver	ND(0.930)	ND(0.780)	1.10	ND(1.30)	ND(0.780)	ND(1.30)	ND(1.42)	ND(0.550)
Sodium	NA	NA	NA	NA	NA	NA	NA	NA
Sulfide	9.80	21.9	56.7	NA	13.5	154	NA	4.30
Thallium	ND(1.80)	ND(1.60)	ND(5.50)	ND(2.50)	ND(1.60)	ND(9.20)	ND(6.81)	5.90
Tin	ND(56.0)	ND(47.0)	45.2	ND(76.0)	ND(46.6)	241	ND(68.1)	5.00
Vanadium	ND(9.30)	15.4	12.0	ND(13.0)	16.2	31.6	24.2	7.00
Zinc	36.0	150	484	240	3830	506	283	67.1

**TABLE 2-4
SUMMARY OF PRIOR APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-28-SB-3 8-10 12/04/00	I9-9-28-SB-8 2-4 09/21/99	I9-9-28-SB-8 12-14 11/28/00	I9-9-28-SB-9 0-1 09/21/99	I9-9-28-SB-9 2-4 09/21/99	I9-9-28-SS-1/SB-4 0-1 12/04/00	I9-9-28-SS-1/SB-4 2-4 12/04/00
Volatile Organics							
None Detected	--	NA	--	NA	NA	--	--
Semivolatile Organics							
1,2,4-Trichlorobenzene	ND(0.45)	ND(0.39)	ND(0.70)	ND(3.9)	ND(0.75)	ND(0.44)	ND(0.44)
1,3-Dichlorobenzene	ND(0.45)	ND(0.39)	ND(0.70)	ND(3.9)	ND(0.75)	ND(0.44)	ND(0.44)
1,4-Dichlorobenzene	ND(0.45)	ND(0.39)	ND(0.70)	ND(3.9)	ND(0.75)	ND(0.44)	ND(0.44)
2,4-Dimethylphenol	ND(0.45)	ND(0.79)	ND(0.70)	ND(7.8)	ND(1.5)	ND(0.44)	ND(0.44)
2-Methylnaphthalene	ND(0.45)	ND(0.78)	ND(0.70)	ND(7.7)	0.16 J	ND(0.44)	ND(0.44)
2-Methylphenol	ND(0.45)	ND(0.39)	ND(0.70)	ND(3.9)	ND(0.75)	ND(0.44)	ND(0.44)
3&4-Methylphenol	ND(0.92)	ND(0.79)	ND(1.4)	ND(7.8)	ND(1.5)	ND(0.89)	ND(0.89)
Acenaphthene	ND(0.45)	ND(0.39)	ND(0.70)	1.0 J	1.1	ND(0.44)	ND(0.44)
Acenaphthylene	ND(0.45)	ND(0.39)	ND(0.70)	ND(3.9)	0.22 J	ND(0.44)	ND(0.44)
Acetophenone	ND(0.45)	ND(0.79)	ND(0.70)	ND(7.8)	ND(1.5)	ND(0.44)	ND(0.44)
Aniline	ND(0.45)	ND(0.39)	ND(0.70)	ND(3.9)	ND(0.75)	ND(0.44)	ND(0.44)
Anthracene	ND(0.45)	ND(0.39)	ND(0.70)	2.8 J	2.6	0.54	0.50
Benzo(a)anthracene	ND(0.45)	0.22 J	ND(0.70)	4.7	4.0	1.8	1.3
Benzo(a)pyrene	ND(0.45)	0.39	0.41 J	4.9	4.0	ND(0.44)	1.1
Benzo(b)fluoranthene	ND(0.44)	0.45	0.43 J	4.2	3.2	1.5	1.5
Benzo(g,h,i)perylene	ND(0.45)	0.31 J	0.60 J	2.3 J	1.7	0.78	0.69
Benzo(k)fluoranthene	ND(0.45)	0.33 J	0.38 J	4.3	4.0	1.7	1.0
bis(2-Ethylhexyl)phthalate	ND(0.45)	0.18 J	ND(0.70)	ND(3.9)	ND(0.75)	ND(0.44)	ND(0.44)
Butylbenzylphthalate	ND(0.92)	ND(0.39)	ND(1.4)	ND(3.9)	ND(0.75)	ND(0.89)	ND(0.89)
Chrysene	ND(0.45)	0.28 J	ND(0.70)	4.8	3.9	1.5	1.1
Dibenzo(a,h)anthracene	ND(0.92)	0.13 J	ND(1.4)	1.1 J	0.89	ND(0.89)	ND(0.89)
Dibenzofuran	ND(0.45)	ND(0.79)	ND(0.70)	ND(7.8)	0.58 J	ND(0.44)	ND(0.44)
Di-n-Butylphthalate	ND(0.45)	ND(0.39)	ND(0.70)	ND(3.9)	ND(0.75)	ND(0.44)	ND(0.44)
Fluoranthene	ND(0.45)	0.29 J	0.67 J	13	9.1	3.1	2.1
Fluorene	ND(0.45)	ND(0.39)	ND(0.70)	1.3 J	1.4	ND(0.44)	ND(0.44)
Hexachlorophene	ND(0.92)	ND(0.79)	ND(1.4)	ND(7.8)	ND(1.5)	1.1	ND(0.89)
Indeno(1,2,3-cd)pyrene	ND(0.92)	0.31 J	ND(1.4)	2.3 J	1.8	ND(0.89)	ND(0.89)
Naphthalene	ND(0.45)	ND(0.39)	ND(0.70)	ND(3.9)	0.25 J	ND(0.44)	ND(0.44)
o-Toluidine	ND(0.45)	ND(0.79)	ND(0.70)	ND(7.8)	ND(1.5)	ND(0.44)	ND(0.44)
Phenanthrene	ND(0.45)	0.14 J	0.36 J	11	8.9	2.1	2.2
Phenol	ND(0.45)	ND(0.79)	ND(0.70)	ND(7.8)	ND(1.5)	ND(0.44)	ND(0.44)
Pyrene	ND(0.45)	0.26 J	0.57 J	9.4	7.2	4.6	2.5
Furans							
2,3,7,8-TCDF	ND(0.0000013)	0.000018	ND(0.0000034)	0.000033	0.000035	0.000020	0.000046
TCDFs (total)	ND(0.0000013)	0.000085	ND(0.0000034)	0.00025	0.00031	0.000058	0.000078
1,2,3,7,8-PeCDF	ND(0.0000014)	0.000064 J	ND(0.0000025)	0.000066 J	0.000067 J	0.000091	0.000026
2,3,4,7,8-PeCDF	ND(0.0000014)	0.000010 J	ND(0.0000024)	0.000016	0.000082 J	0.000087	0.000024
PeCDFs (total)	ND(0.0000014)	0.000073	ND(0.0000024)	0.00016	0.00013	0.00047	0.000035
1,2,3,4,7,8-HxCDF	ND(0.0000010)	0.000015	0.0000071	0.000022	0.000014	0.000031	ND(0.000012) X
1,2,3,6,7,8-HxCDF	ND(0.0000010)	0.000050 J	ND(0.0000023)	0.000073 J	0.000047 J	ND(0.000035) X	ND(0.000028)
1,2,3,7,8,9-HxCDF	ND(0.0000013)	ND(0.000017)	ND(0.0000029)	ND(0.000022)	ND(0.000054)	ND(0.000029)	ND(0.000036)
2,3,4,6,7,8-HxCDF	ND(0.0000010)	0.000074 J	ND(0.0000023)	0.000053 J	0.000054 J	0.000037	ND(0.000028)
HxCDFs (total)	ND(0.0000010)	0.000044	0.000014	0.000091	0.000071	0.00020	0.000026
1,2,3,4,6,7,8-HpCDF	ND(0.00000086)	0.000026	ND(0.000012) X	0.000053	0.000027	0.000021	0.000067
1,2,3,4,7,8,9-HpCDF	ND(0.0000012)	0.000029 J	ND(0.0000024)	0.000074 J	ND(0.000017)	0.000035	0.000064
HpCDFs (total)	ND(0.00000086)	0.000041	ND(0.0000017)	0.00011	0.000027	0.000055	0.000020
OCDF	ND(0.00000074)	0.000012 J	0.000014	0.000045	ND(0.000013)	0.000020	0.000020
Dioxins							
2,3,7,8-TCDD	ND(0.0000017)	ND(0.000010)	ND(0.0000040)	ND(0.000012)	ND(0.000031)	ND(0.0000031)	ND(0.0000025)
TCDDs (total)	ND(0.0000017)	0.000017 J	ND(0.0000040)	0.000012 J	ND(0.000031)	0.000061	0.000016
1,2,3,7,8-PeCDD	ND(0.0000021)	ND(0.000016)	ND(0.0000056)	ND(0.000021)	ND(0.000055)	ND(0.000025)	ND(0.000092)
PeCDDs (total)	ND(0.0000021)	ND(0.000016)	ND(0.0000056)	0.000030 J	ND(0.000055)	ND(0.000025)	ND(0.000093)
1,2,3,4,7,8-HxCDD	ND(0.0000015)	ND(0.0000048)	ND(0.0000030)	ND(0.000016)	ND(0.000015)	ND(0.0000070)	ND(0.0000089)
1,2,3,6,7,8-HxCDD	ND(0.0000014)	ND(0.0000059)	ND(0.0000028)	ND(0.000020)	ND(0.000019)	ND(0.0000067)	ND(0.0000085)
1,2,3,7,8,9-HxCDD	ND(0.0000014)	ND(0.0000053)	ND(0.0000028)	ND(0.000018)	ND(0.000017)	ND(0.0000066)	ND(0.0000084)
HxCDDs (total)	ND(0.0000014)	0.000068 J	0.0000066	0.000019	ND(0.000019)	ND(0.0000067)	ND(0.0000085)
1,2,3,4,6,7,8-HpCDD	ND(0.0000013)	0.000010 J	ND(0.0000058) X	0.000037	ND(0.000013)	ND(0.0000087) X	ND(0.0000068) X
HpCDDs (total)	ND(0.0000013)	0.000029	ND(0.0000032)	0.000081	ND(0.000013)	0.000072	0.000056
OCDD	0.000011 B	0.00042	0.000051	0.00022	0.000097	0.000063 B	0.00015 B
Total TEQs (WHO TEFs)	0.00000028	0.000012	0.0000073	0.000018	0.000016	0.000012	0.000079

**TABLE 2-4
SUMMARY OF PRIOR APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-28-SB-3 8-10 12/04/00	I9-9-28-SB-8 2-4 09/21/99	I9-9-28-SB-8 12-14 11/28/00	I9-9-28-SB-9 0-1 09/21/99	I9-9-28-SB-9 2-4 09/21/99	I9-9-28-SS-1/SB-4 0-1 12/04/00	I9-9-28-SS-1/SB-4 2-4 12/04/00
Inorganics							
Aluminum	NA	NA	NA	NA	NA	NA	NA
Antimony	ND(12.0)	ND(7.19)	ND(19.0)	ND(7.60)	ND(6.75)	ND(12.0)	ND(12.0)
Arsenic	ND(20.0)	27.8	ND(32.0)	12.2	9.03	ND(20.0)	ND(20.0)
Barium	ND(41.0)	167	64.0	85.8	94.4	84.0	47.0
Beryllium	0.380	ND(0.601)	ND(0.320)	ND(0.632)	ND(0.560)	0.410	0.470
Cadmium	ND(2.00)	ND(0.601)	ND(3.20)	ND(0.632)	0.811	ND(2.00)	ND(2.00)
Calcium	NA	NA	NA	NA	NA	NA	NA
Chromium	9.10	58.6	ND(8.40)	16.5	13.6	39.0	13.0
Cobalt	12.0	12.6	ND(16.0)	8.65	9.26	ND(10.0)	ND(10.0)
Copper	31.0	379	ND(32.0)	76.1	55.8	66.0	1700
Cyanide	ND(1.00)	NA	ND(1.00)	NA	NA	ND(1.50)	ND(1.00)
Iron	NA	NA	NA	NA	NA	NA	NA
Lead	15.0	428	300	178	189	120	350
Magnesium	NA	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA	NA
Mercury	ND(0.270)	0.206	0.460	2.95	2.46	1.10	ND(0.270)
Nickel	18.0	72.6	ND(13.0)	19.3	20.3	17.0	41.0
Potassium	NA	NA	NA	NA	NA	NA	NA
Selenium	ND(1.00)	1.00	ND(1.60)	ND(0.632)	ND(0.560)	ND(1.00)	ND(1.00)
Silver	ND(1.00)	ND(1.37)	ND(1.60)	ND(1.36)	ND(1.26)	ND(1.00)	ND(1.00)
Sodium	NA	NA	NA	NA	NA	NA	NA
Sulfide	ND(6.80)	NA	540	NA	NA	28.0	30.0
Thallium	ND(2.00)	ND(5.99)	ND(3.20)	ND(6.33)	ND(5.63)	ND(2.00)	ND(2.00)
Tin	ND(62.0)	ND(59.9)	320	ND(63.3)	ND(56.3)	ND(60.0)	ND(60.0)
Vanadium	ND(10.0)	61.1	ND(16.0)	18.6	18.5	14.0	14.0
Zinc	47.0	343	160	182	255	160	510

**TABLE 2-4
SUMMARY OF PRIOR APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	19-9-28-SS-1/SB-4 6-8 12/04/00	19-9-28-SS-5 0-1 12/04/00	19-9-28-SS-5 4-6 12/04/00	19-9-28-SS-6 0-1 12/04/00	19-9-28-SS-6 2-4 12/04/00	19-9-28-SS-8 0-1 06/24/99
Volatile Organics						
None Detected	--	--	--	--	--	--
Semivolatile Organics						
1,2,4-Trichlorobenzene	ND(0.43)	ND(0.42)	ND(0.42)	ND(0.41)	ND(0.48)	ND(0.30)
1,3-Dichlorobenzene	ND(0.43)	ND(0.42)	ND(0.42)	ND(0.41)	ND(0.48)	ND(0.30)
1,4-Dichlorobenzene	ND(0.43)	ND(0.42)	ND(0.42)	ND(0.41)	ND(0.48)	ND(0.30)
2,4-Dimethylphenol	ND(0.43)	ND(0.42)	ND(0.42)	ND(0.41)	ND(0.48)	ND(0.30)
2-Methylnaphthalene	ND(0.43)	ND(0.42)	ND(0.42)	ND(0.41)	ND(0.48)	ND(0.30)
2-Methylphenol	ND(0.43)	ND(0.42)	ND(0.42)	ND(0.41)	ND(0.48)	ND(0.30)
3&4-Methylphenol	ND(0.87)	ND(0.85)	ND(0.86)	ND(0.82)	ND(0.90)	ND(0.70)
Acenaphthene	ND(0.43)	ND(0.42)	ND(0.42)	ND(0.41)	ND(0.48)	ND(0.30)
Acenaphthylene	ND(0.43)	ND(0.42)	ND(0.42)	ND(0.41)	ND(0.48)	ND(0.30)
Acetophenone	ND(0.43)	ND(0.42)	ND(0.42)	ND(0.41)	ND(0.48)	ND(0.30)
Aniline	ND(0.43)	ND(0.42)	ND(0.42)	ND(0.41)	ND(0.48)	ND(0.30)
Anthracene	0.45	ND(0.42)	ND(0.42)	ND(0.41)	0.50	ND(0.30)
Benzo(a)anthracene	1.2	ND(0.42)	ND(0.42)	ND(0.41)	1.1	0.60
Benzo(a)pyrene	1.3	ND(0.42)	ND(0.42)	ND(0.41)	0.78	0.50
Benzo(b)fluoranthene	1.6	ND(0.42)	ND(0.42)	ND(0.41)	0.65	0.70
Benzo(g,h,i)perylene	ND(0.43)	ND(0.42)	ND(0.42)	ND(0.41)	0.95	0.30
Benzo(k)fluoranthene	1.0	ND(0.42)	ND(0.42)	ND(0.41)	0.62	ND(0.30)
bis(2-Ethylhexyl)phthalate	ND(0.43)	ND(0.42)	ND(0.42)	ND(0.41)	ND(0.48)	ND(0.30)
Butylbenzylphthalate	ND(0.87)	ND(0.85)	ND(0.86)	ND(0.82)	ND(0.90)	ND(0.70)
Chrysene	1.1	ND(0.42)	ND(0.42)	ND(0.41)	0.88	0.60
Dibenzo(a,h)anthracene	ND(0.87)	ND(0.85)	ND(0.86)	ND(0.82)	ND(0.90)	ND(0.70)
Dibenzofuran	ND(0.43)	ND(0.42)	ND(0.42)	ND(0.41)	ND(0.48)	ND(0.30)
Di-n-Butylphthalate	ND(0.43)	ND(0.42)	ND(0.42)	ND(0.41)	ND(0.48)	ND(0.30)
Fluoranthene	1.7	0.53	ND(0.42)	ND(0.41)	2.1	1.0
Fluorene	ND(0.43)	ND(0.42)	ND(0.42)	ND(0.41)	ND(0.48)	ND(0.30)
Hexachlorophene	ND(0.87)	ND(0.85)	ND(0.86)	ND(0.82)	ND(0.97)	ND(0.70)
Indeno(1,2,3-cd)pyrene	ND(0.87)	ND(0.85)	ND(0.86)	ND(0.82)	ND(0.90)	0.40
Naphthalene	ND(0.43)	ND(0.42)	ND(0.42)	ND(0.41)	ND(0.48)	ND(0.30)
o-Toluidine	ND(0.43)	ND(0.42)	ND(0.42)	ND(0.41)	ND(0.48)	ND(0.30)
Phenanthrene	1.9	ND(0.42)	ND(0.42)	ND(0.41)	2.8	1.0
Phenol	ND(0.43)	ND(0.42)	ND(0.42)	ND(0.41)	ND(0.48)	ND(0.30)
Pyrene	2.6	0.44	ND(0.42)	ND(0.41)	3.3	1.0
Furans						
2,3,7,8-TCDF	0.0000050	ND(0.0000048) X [0.000010]	ND(0.0000013)	0.0000013	0.0000069	0.000064
TCDFs (total)	0.000014	0.000098 [0.000052]	ND(0.0000013)	0.0000034	ND(0.00000071)	0.00025
1,2,3,7,8-PeCDF	0.0000015	ND(0.0000031) X [0.0000044 I]	ND(0.0000014)	ND(0.0000030) X	ND(0.00000087)	0.000017
2,3,4,7,8-PeCDF	0.0000017	0.0000027 [0.0000036]	ND(0.0000014)	0.0000026	ND(0.00000085)	0.000016
PeCDFs (total)	0.000018	0.000020 [0.000050]	ND(0.0000014)	0.0000051	ND(0.00000085)	0.00012
1,2,3,4,7,8-HxCDF	0.0000017	0.000014 [0.000024 I]	0.00000076	ND(0.0000036) X	0.0000011 I	0.000033
1,2,3,6,7,8-HxCDF	ND(0.0000045) X	0.0000013 [0.0000026]	ND(0.00000073)	ND(0.00000072)	ND(0.00000014)	0.000012
1,2,3,7,8,9-HxCDF	ND(0.0000040)	ND(0.0000056) [ND(0.0000011)]	ND(0.00000094)	ND(0.00000093)	ND(0.00000018)	0.0000092 J
2,3,4,6,7,8-HxCDF	ND(0.0000032)	0.0000020 [0.0000028]	ND(0.00000073)	ND(0.00000073)	ND(0.00000014)	0.000050
HxCDFs (total)	0.0000044	0.000011 [0.000034]	0.00000076	ND(0.00000072)	0.0000010	0.00010
1,2,3,4,6,7,8-HpCDF	ND(0.0000012) X	0.0000073 [0.0000092]	ND(0.00000053)	ND(0.00000025) X	0.0000069	0.000036
1,2,3,4,7,8,9-HpCDF	0.0000036	0.0000086 [0.0000098]	ND(0.00000073)	ND(0.00000053)	ND(0.00000014)	0.000019
HpCDFs (total)	0.0000024	0.000015 [0.000010]	ND(0.00000053)	ND(0.00000038)	0.0000069	0.000092
OCDF	0.0000011	0.0000073 [0.0000092]	0.00000065 J	0.00000037	0.0000016	0.000066
Dioxins						
2,3,7,8-TCDD	ND(0.0000013)	ND(0.0000015) [ND(0.0000015)]	ND(0.0000014)	ND(0.0000017)	ND(0.00000082)	0.0000045 J
TCDDs (total)	0.0000016	0.0000089 [0.000016]	ND(0.0000014)	ND(0.0000017)	ND(0.00000082)	0.000027
1,2,3,7,8-PeCDD	ND(0.0000047)	ND(0.0000042) [ND(0.0000056)]	ND(0.0000021)	ND(0.0000022)	ND(0.00000037)	0.000017
PeCDDs (total)	ND(0.0000047)	ND(0.0000042) [ND(0.0000056)]	ND(0.0000021)	ND(0.0000022)	ND(0.00000037)	0.000054
1,2,3,4,7,8-HxCDD	ND(0.0000024)	ND(0.0000024) [ND(0.0000023)]	ND(0.0000014)	ND(0.0000013)	ND(0.00000019)	0.0000096 J
1,2,3,6,7,8-HxCDD	ND(0.0000022)	0.0000017 J [ND(0.0000022)]	ND(0.0000014)	ND(0.0000012)	ND(0.00000018)	0.000029
1,2,3,7,8,9-HxCDD	ND(0.0000022)	0.00000094 J [ND(0.0000022)]	ND(0.0000013)	ND(0.0000012)	ND(0.00000018)	0.000019 J
HxCDDs (total)	0.00000020 J	ND(0.0000023) [ND(0.0000022)]	ND(0.0000014)	ND(0.0000012)	ND(0.00000018)	0.000012
1,2,3,4,6,7,8-HpCDD	ND(0.0000030) X	0.0000064 [0.0000076]	ND(0.0000014) X	ND(0.00000045) X	0.0000075	0.000019
HpCDDs (total)	0.0000085	0.000011 [0.000014]	ND(0.00000073)	0.0000042	0.0000075	0.000019
OCDD	0.00019 B	0.000041 B [0.000055 B]	0.0000098 B	0.0000036 B	0.0000058 B	0.00016
Total TEQs (WHO TEFs)	0.0000020	0.0000039 [0.0000066]	0.0000026	0.0000052	0.0000049	0.000024

**TABLE 2-4
SUMMARY OF PRIOR APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	19-9-28-SS-1/SB-4 6-8 12/04/00	19-9-28-SS-5 0-1 12/04/00	19-9-28-SS-5 4-6 12/04/00	19-9-28-SS-6 0-1 12/04/00	19-9-28-SS-6 2-4 12/04/00	19-9-28-SS-8 0-1 06/24/99
Inorganics						
Aluminum	NA	NA	NA	NA	NA	NA
Antimony	ND(12.0)	ND(11.0)	ND(12.0)	ND(11.0)	ND(12.0)	ND(9.40)
Arsenic	ND(19.0)	ND(19.0)	ND(19.0)	ND(18.0)	ND(20.0)	ND(15.7)
Barium	58.0	48.0	ND(38.0)	ND(37.0)	53.0	119
Beryllium	1.20	0.390	0.300	0.310	0.360	0.410
Cadmium	2.20	ND(1.90)	ND(1.90)	ND(1.80)	ND(2.00)	3.00
Calcium	NA	NA	NA	NA	NA	NA
Chromium	19.0	8.00	8.70	ND(4.90)	11.0	55.4
Cobalt	ND(9.70)	ND(9.60)	ND(9.60)	ND(9.20)	ND(10.0)	11.2
Copper	1100	22.0	ND(19.0)	ND(18.0)	ND(20.0)	51.1
Cyanide	ND(1.00)	ND(1.00) [ND(1.00)]	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Iron	NA	NA	NA	NA	NA	NA
Lead	86.0	56.0	11.0	5.30	67.0	3160
Magnesium	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA
Mercury	ND(0.260)	ND(0.250)	ND(0.260)	ND(0.240)	0.390	0.940
Nickel	73.0	14.0	15.0	10.0	13.0	24.2
Potassium	NA	NA	NA	NA	NA	NA
Selenium	ND(0.970)	ND(0.960)	ND(0.960)	ND(0.920)	ND(1.00)	ND(0.790)
Silver	ND(0.970)	ND(0.960)	ND(0.960)	ND(0.920)	ND(1.00)	ND(0.790)
Sodium	NA	NA	NA	NA	NA	NA
Sulfide	230	10.0 [9.90]	ND(6.40)	ND(6.10)	8.50	28.3
Thallium	ND(1.90)	ND(1.90)	ND(1.90)	ND(1.80)	ND(2.00)	ND(1.60)
Tin	ND(58.0)	ND(57.0)	ND(58.0)	ND(55.0)	ND(60.0)	96.7
Vanadium	18.0	ND(9.60)	ND(9.60)	ND(9.20)	11.0	15.7
Zinc	410	73.0	45.0	26.0	86.0	3770

**TABLE 2-4
SUMMARY OF PRIOR APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	19-9-28-SS-9/SB-7 2-4 12/04/00	19-9-28-SS-11 0-1 12/04/00	19-9-28-SS-11 10-12 12/04/00	19-9-29-SB-1 0-1 12/05/00	19-9-29-SB-1 4-6 12/05/00	19-9-29-SB-1 14-16 12/05/00	19-9-29-SB-7 0-1 09/21/99
Volatile Organics							
None Detected	NA	--	--	--	--	--	NA
Semivolatile Organics							
1,2,4-Trichlorobenzene	ND(1.2)	ND(0.43)	ND(0.50)	ND(0.42)	ND(0.42)	ND(0.59)	ND(2.0)
1,3-Dichlorobenzene	ND(1.2)	ND(0.43)	ND(0.50)	ND(0.42)	ND(0.42)	ND(0.59)	ND(2.0)
1,4-Dichlorobenzene	ND(1.2)	ND(0.43)	ND(0.50)	ND(0.42)	ND(0.42)	ND(0.59)	ND(2.0)
2,4-Dimethylphenol	ND(1.2)	ND(0.43)	ND(0.50)	ND(0.42)	ND(0.42)	ND(0.59)	ND(4.1)
2-Methylnaphthalene	ND(1.2)	ND(0.43)	ND(0.50)	ND(0.42)	ND(0.42)	ND(0.59)	0.80 J
2-Methylphenol	ND(1.2)	ND(0.43)	ND(0.50)	ND(0.42)	ND(0.42)	ND(0.59)	ND(2.0)
3&4-Methylphenol	ND(1.2)	ND(0.87)	ND(1.0)	ND(0.86)	ND(0.86)	ND(1.2)	ND(4.1)
Acenaphthene	ND(1.2)	ND(0.43)	ND(0.50)	ND(0.42)	ND(0.42)	ND(0.59)	1.1 J
Acenaphthylene	ND(1.2)	ND(0.43)	ND(0.50)	ND(0.42)	ND(0.42)	ND(0.59)	ND(2.0)
Acetophenone	ND(1.2)	ND(0.43)	ND(0.50)	ND(0.42)	ND(0.42)	ND(0.59)	ND(4.1)
Aniline	ND(1.2)	ND(0.43)	ND(0.50)	ND(0.42)	ND(0.42)	ND(0.59)	ND(2.0)
Anthracene	ND(1.2)	ND(0.43)	ND(0.50)	ND(0.42)	ND(0.42)	ND(0.59)	2.8
Benzo(a)anthracene	4.1	ND(0.43)	ND(0.50)	ND(0.42)	ND(0.42)	ND(0.59)	4.2
Benzo(a)pyrene	4.6	0.27 J	ND(0.50)	ND(0.42)	0.57	ND(0.59)	4.3
Benzo(b)fluoranthene	3.2	ND(0.42)	ND(0.49)	ND(0.42)	0.51	ND(0.59)	3.7
Benzo(g,h,i)perylene	4.2	ND(0.43)	ND(0.50)	ND(0.42)	1.3	ND(0.59)	1.5 J
Benzo(k)fluoranthene	3.9	0.22 J	ND(0.50)	ND(0.42)	0.47	ND(0.59)	4.1
bis(2-Ethylhexyl)phthalate	ND(1.2)	ND(0.43)	ND(0.50)	ND(0.42)	ND(0.42)	ND(0.59)	ND(2.0)
Butylbenzylphthalate	ND(1.2)	ND(0.87)	ND(1.0)	ND(0.86)	ND(0.86)	ND(1.2)	ND(2.0)
Chrysene	4.1	0.25 J	ND(0.50)	ND(0.42)	ND(0.42)	ND(0.59)	4.2
Dibenzo(a,h)anthracene	3.6	ND(0.87)	ND(1.0)	ND(0.86)	ND(0.86)	ND(1.2)	0.63 J
Dibenzofuran	ND(1.2)	ND(0.43)	ND(0.50)	ND(0.42)	ND(0.42)	ND(0.59)	0.77 J
Di-n-Butylphthalate	ND(1.2)	ND(0.43)	ND(0.50)	ND(0.42)	ND(0.42)	ND(0.59)	ND(2.0)
Fluoranthene	6.8	0.45	ND(0.50)	ND(0.42)	ND(0.42)	ND(0.59)	9.6
Fluorene	ND(1.2)	ND(0.43)	ND(0.50)	ND(0.42)	ND(0.42)	ND(0.59)	1.7 J
Hexachlorophene	ND(2.4)	ND(0.87)	ND(1.0)	ND(0.86)	ND(0.86)	ND(1.2)	ND(4.1)
Indeno(1,2,3-cd)pyrene	3.4	ND(0.87)	ND(1.0)	ND(0.86)	0.94	ND(1.2)	1.6 J
Naphthalene	ND(1.2)	ND(0.43)	ND(0.50)	ND(0.42)	ND(0.42)	ND(0.59)	1.5 J
o-Toluidine	ND(1.2)	ND(0.43)	ND(0.50)	ND(0.42)	ND(0.42)	ND(0.59)	ND(4.1)
Phenanthrene	4.0	ND(0.43)	ND(0.50)	ND(0.42)	ND(0.42)	ND(0.59)	11
Phenol	ND(1.2)	ND(0.43)	ND(0.50)	ND(0.42)	ND(0.42)	ND(0.59)	ND(4.1)
Pyrene	5.4	ND(0.43)	ND(0.50)	ND(0.42)	ND(0.42)	ND(0.59)	8.2
Furans							
2,3,7,8-TCDF	NA	0.0000036	ND(0.0000014)	0.000014	0.0000033	ND(0.0000031) X	0.000098
TCDFs (total)	NA	0.000017	ND(0.0000014)	ND(0.000096) X	ND(0.000021) X	ND(0.0000088) X	0.00043
1,2,3,7,8-PeCDF	NA	0.00000098	ND(0.0000011)	0.0000040	0.0000012 J	0.0000028 J	0.000031
2,3,4,7,8-PeCDF	NA	0.00000083	ND(0.0000011)	0.0000052	0.0000012 J	0.0000053 J	ND(0.0000020)
PeCDFs (total)	NA	0.00000080	ND(0.0000011)	0.000019	ND(0.000010) X	ND(0.0000055) X	0.00028
1,2,3,4,7,8-HxCDF	NA	0.0000015 I	ND(0.0000011)	0.0000043	0.00000089 J	0.00000092 J	0.000053
1,2,3,6,7,8-HxCDF	NA	ND(0.0000011)	ND(0.0000011)	0.0000025	0.00000050 J	0.00000041 J	0.000015
1,2,3,7,8,9-HxCDF	NA	ND(0.0000014)	ND(0.0000014)	0.0000069 J	0.0000015 J	ND(0.00000084)	ND(0.0000098)
2,3,4,6,7,8-HxCDF	NA	ND(0.0000011)	ND(0.0000011)	0.0000021 J	0.00000034 J	0.00000031 J	ND(0.000011)
HxCDFs (total)	NA	0.0000020	ND(0.0000011)	ND(0.000029) X	0.0000039	0.0000035	0.00018
1,2,3,4,6,7,8-HpCDF	NA	ND(0.0000010) X	ND(0.0000013)	0.0000064	0.00000090 J	0.0000022 J	ND(0.000039)
1,2,3,4,7,8,9-HpCDF	NA	ND(0.0000013)	ND(0.0000017)	0.0000097 J	0.00000022 J	0.0000015 J	ND(0.000040)
HpCDFs (total)	NA	ND(0.00000092)	ND(0.0000013)	0.000012	0.0000015	ND(0.0000028) X	ND(0.000040)
OCDF	NA	0.0000012	0.0000068	0.0000048	0.0000066 J	0.0000021 J	ND(0.000013)
Dioxins							
2,3,7,8-TCDD	NA	ND(0.00000044)	ND(0.00000023)	ND(0.00000024) X	ND(0.00000016)	ND(0.00000078)	ND(0.0000023)
TCDDs (total)	NA	ND(0.00000044)	ND(0.00000023)	ND(0.00000031) X	ND(0.0000010) X	0.00000038	0.000093
1,2,3,7,8-PeCDD	NA	ND(0.00000034)	ND(0.00000027)	ND(0.00000039) X	0.00000016 J	0.00000014 J	ND(0.0000045)
PeCDDs (total)	NA	ND(0.00000034)	ND(0.00000027)	ND(0.00000050) X	ND(0.0000027) X	ND(0.0000010) X	0.000025
1,2,3,4,7,8-HxCDD	NA	ND(0.00000012)	ND(0.00000018)	0.00000025 J	ND(0.00000014) X	ND(0.000000072)	ND(0.0000071)
1,2,3,6,7,8-HxCDD	NA	ND(0.00000012)	ND(0.00000017)	0.00000052 J	0.00000031 J	0.00000015 J	ND(0.0000088)
1,2,3,7,8,9-HxCDD	NA	ND(0.00000012)	ND(0.00000017)	0.00000052 J	0.00000026 J	ND(0.000000068)	ND(0.0000079)
HxCDDs (total)	NA	ND(0.00000012)	ND(0.00000017)	ND(0.0000073) X	ND(0.0000042) X	ND(0.00000071) X	0.000074
1,2,3,4,6,7,8-HpCDD	NA	0.0000020	0.00000088	0.000019	0.0000042	0.00000089 J	ND(0.0000080)
HpCDDs (total)	NA	0.0000036	0.00000088	0.000017	0.000010	0.0000016	0.00012
OCDD	NA	0.000012 B	0.000010 B	0.000019	0.00012	0.0000069	0.00093
Total TEQs (WHO TEFs)	NA	0.0000012	0.00000035	0.0000076	0.0000015	0.00000071	0.000025

**TABLE 2-4
SUMMARY OF PRIOR APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-28-SS-9/SB-7 2-4 12/04/00	I9-9-28-SS-11 0-1 12/04/00	I9-9-28-SS-11 10-12 12/04/00	I9-9-29-SB-1 0-1 12/05/00	I9-9-29-SB-1 4-6 12/05/00	I9-9-29-SB-1 14-16 12/05/00	I9-9-29-SB-7 0-1 09/21/99
Inorganics							
Aluminum	NA	NA	NA	NA	NA	NA	NA
Antimony	ND(11.0)	ND(12.0)	ND(14.0)	ND(12.0)	ND(12.0)	ND(16.0)	ND(8.99)
Arsenic	ND(18.0)	ND(19.0)	ND(23.0)	ND(19.0)	ND(19.0)	ND(27.0)	52.5
Barium	39.0	ND(39.0)	ND(46.0)	74.0	ND(38.0)	66.0	103
Beryllium	0.310	0.340	0.370	0.290	0.250	0.550	ND(0.750)
Cadmium	ND(1.80)	ND(1.90)	ND(2.30)	ND(1.90)	2.20	4.60	1.35
Calcium	NA	NA	NA	NA	NA	NA	NA
Chromium	8.80	7.80	ND(6.10)	9.50	15.0	16.0	15.6
Cobalt	ND(9.10)	ND(9.70)	ND(11.0)	ND(9.60)	ND(9.60)	ND(13.0)	ND(7.49)
Copper	26.0	ND(19.0)	ND(23.0)	1100	760	97.0	116
Cyanide	NA	ND(1.00)	ND(1.00)	ND(1.30)	ND(1.00)	ND(1.80)	NA
Iron	NA	NA	NA	NA	NA	NA	NA
Lead	46.0	8.70	5.40	180	82.0	1200	283
Magnesium	NA	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA	NA
Mercury	ND(0.240)	ND(0.260)	ND(0.300)	0.430	ND(0.260)	0.670	8.13
Nickel	14.0	11.0	11.0	37.0	120	32.0	23.4
Potassium	NA	NA	NA	NA	NA	NA	NA
Selenium	ND(0.910)	ND(0.970)	ND(1.10)	ND(0.960)	ND(0.960)	ND(1.30)	1.48
Silver	ND(0.910)	ND(0.970)	ND(1.10)	ND(0.960)	ND(0.960)	ND(1.30)	ND(1.45)
Sodium	NA	NA	NA	NA	NA	NA	NA
Sulfide	NA	8.20	12.0	30.0	71.0	690	NA
Thallium	ND(1.80)	ND(1.90)	ND(2.30)	ND(1.90)	ND(1.90)	ND(2.70)	ND(7.49)
Tin	ND(54.0)	ND(58.0)	ND(68.0)	ND(58.0)	ND(58.0)	ND(80.0)	ND(74.9)
Vanadium	ND(9.10)	ND(9.70)	ND(11.0)	13.0	16.0	20.0	23.1
Zinc	48.0	34.0	31.0	460	240	720	331

TABLE 2-4
SUMMARY OF PRIOR APPENDIX IX+3 SOIL DATA

PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: Sample Depth(Feet): Parameter Date Collected:	19-9-29-SB-7 2-4 09/21/99	19-9-29-SB-7 4-6 12/05/00	19-9-29-SB-8 0-1 09/21/99	19-9-29-SB-8 2-4 09/21/99	19-9-29-SB-8 6-8 12/05/00	19-9-29-SB-9 0-1 09/21/99	19-9-29-SB-9 2-4 09/21/99	19-9-29-SB-9 4-6 09/21/99
Volatile Organics								
None Detected	NA	NA	NA	NA	--	NA	NA	NA
Semivolatile Organics								
1,2,4-Trichlorobenzene	ND(0.38)	ND(1.3)	ND(3.9)	ND(0.36)	ND(0.55)	ND(4.1)	ND(0.35)	ND(0.37)
1,3-Dichlorobenzene	ND(0.38)	ND(1.3)	ND(3.9)	ND(0.36)	ND(0.55)	ND(4.1)	ND(0.35)	ND(0.37)
1,4-Dichlorobenzene	ND(0.38)	ND(1.3)	ND(3.9)	ND(0.36)	ND(0.55)	ND(4.1)	ND(0.35)	ND(0.37)
2,4-Dimethylphenol	ND(0.78)	ND(1.3)	ND(7.8)	ND(0.74)	ND(0.55)	ND(8.3)	ND(0.70)	ND(0.75)
2-Methylnaphthalene	ND(0.77)	ND(1.3)	ND(7.7)	ND(0.73)	ND(0.55)	0.91 J	ND(0.69)	ND(0.73)
2-Methylphenol	ND(0.38)	ND(1.3)	ND(3.9)	ND(0.36)	ND(0.55)	ND(4.1)	ND(0.35)	ND(0.37)
3&4-Methylphenol	ND(0.78)	ND(1.3)	ND(7.8)	ND(0.74)	ND(1.1)	ND(8.3)	ND(0.70)	ND(0.75)
Acenaphthene	ND(0.38)	ND(1.3)	1.2 J	ND(0.36)	ND(0.55)	4.7	ND(0.35)	ND(0.37)
Acenaphthylene	ND(0.38)	ND(1.3)	ND(3.9)	ND(0.36)	ND(0.55)	ND(4.1)	ND(0.35)	ND(0.37)
Acetophenone	ND(0.78)	ND(1.3)	ND(7.8)	ND(0.74)	ND(0.55)	ND(8.3)	ND(0.70)	ND(0.75)
Aniline	ND(0.38)	ND(1.3)	ND(3.9)	ND(0.36)	ND(0.55)	ND(4.1)	ND(0.35)	ND(0.37)
Anthracene	ND(0.38)	ND(1.3)	2.3 J	ND(0.36)	ND(0.55)	9.2	ND(0.35)	ND(0.37)
Benzo(a)anthracene	0.28 J	ND(1.3)	3.2 J	0.17 J	ND(0.55)	10	0.17 J	0.28 J
Benzo(a)pyrene	0.47	ND(1.3)	3.4 J	0.29 J	ND(0.55)	10	0.17 J	0.52
Benzo(b)fluoranthene	0.95	ND(1.3)	3.2 J	0.50	ND(0.55)	11	0.27 J	0.60
Benzo(g,h,i)perylene	0.24 J	ND(1.3)	2.2 J	0.29 J	ND(0.55)	6.0	0.26 J	0.62
Benzo(k)fluoranthene	1.1	ND(1.3)	3.4 J	0.41	ND(0.55)	6.6	0.28 J	0.68
bis(2-Ethylhexyl)phthalate	ND(0.38)	ND(1.3)	ND(3.9)	ND(0.36)	ND(0.55)	ND(4.1)	ND(0.35)	ND(0.37)
Butylbenzylphthalate	ND(0.38)	ND(1.3)	ND(3.9)	ND(0.36)	ND(1.1)	ND(4.1)	ND(0.35)	ND(0.37)
Chrysene	0.36 J	ND(1.3)	3.5 J	0.26 J	ND(0.55)	11	0.21 J	0.40
Dibenzo(a,h)anthracene	0.13 J	ND(1.3)	0.93 J	0.13 J	ND(1.1)	2.6 J	0.10 J	0.24 J
Dibenzofuran	ND(0.78)	ND(1.3)	ND(7.8)	ND(0.74)	ND(0.55)	3.1 J	ND(0.70)	ND(0.75)
Di-n-Butylphthalate	0.086 J	ND(1.3)	ND(3.9)	ND(0.36)	ND(0.55)	ND(4.1)	ND(0.35)	ND(0.37)
Fluoranthene	0.31 J	ND(1.3)	8.7	0.14 J	ND(0.55)	30	0.44	0.28 J
Fluorene	ND(0.38)	ND(1.3)	1.3 J	ND(0.36)	ND(0.55)	5.9	ND(0.35)	ND(0.37)
Hexachlorophene	ND(0.78)	ND(2.6)	ND(7.8)	ND(0.74)	ND(1.1)	ND(8.3)	ND(0.70)	ND(0.75)
Indeno(1,2,3-cd)pyrene	0.27 J	ND(1.3)	2.2 J	0.31 J	ND(1.1)	5.9	0.24 J	0.59
Naphthalene	ND(0.38)	ND(1.3)	ND(3.9)	ND(0.36)	ND(0.55)	1.9 J	ND(0.35)	ND(0.37)
o-Toluidine	ND(0.78)	ND(1.3)	ND(7.8)	ND(0.74)	ND(0.55)	ND(8.3)	ND(0.70)	ND(0.75)
Phenanthrene	0.16 J	ND(1.3)	10	ND(0.36)	ND(0.55)	32	0.40	0.095 J
Phenol	ND(0.78)	ND(1.3)	ND(7.8)	ND(0.74)	ND(0.55)	ND(8.3)	ND(0.70)	ND(0.75)
Pyrene	0.31 J	ND(1.3)	6.6	0.13 J	ND(0.55)	20	0.29 J	0.24 J
Furans								
2,3,7,8-TCDF	0.000017	NA	0.000082	0.000084	0.000013	0.000051	0.000043	0.000010
TCDFs (total)	0.000083	NA	0.00037	0.00022	ND(0.00022) X	0.00050	0.00018	0.00021
1,2,3,7,8-PeCDF	0.000065 J	NA	0.00021	ND(0.000039)	0.0000097 J	0.000031	ND(0.000011)	0.000021 J
2,3,4,7,8-PeCDF	ND(0.000013)	NA	0.00022	0.000038 J	0.000016 J	ND(0.000036)	ND(0.000035)	0.000034 J
PeCDFs (total)	0.000051	NA	0.00026	0.000078 J	0.000018	0.00040	ND(0.000035)	0.000023
1,2,3,4,7,8-HxCDF	0.000085 J	NA	0.00035	ND(0.000088)	0.000015 J	0.000052	ND(0.000081)	ND(0.000015)
1,2,3,6,7,8-HxCDF	ND(0.000066)	NA	ND(0.000093)	ND(0.000092)	0.000014 J	0.000020	ND(0.000084)	ND(0.000016)
1,2,3,7,8,9-HxCDF	ND(0.000063)	NA	ND(0.000089)	ND(0.000087)	0.0000042 J	ND(0.000037)	ND(0.000080)	ND(0.000015)
2,3,4,6,7,8-HxCDF	ND(0.000069)	NA	ND(0.000098)	ND(0.000096)	0.000015 J	0.000099 J	ND(0.000088)	ND(0.000017)
HxCDFs (total)	0.000018	NA	0.00012	0.000013	ND(0.000013) X	0.00018	ND(0.000088)	ND(0.000017)
1,2,3,4,6,7,8-HpCDF	ND(0.000010)	NA	ND(0.000021)	ND(0.000013)	0.000043	0.000047	ND(0.000016)	ND(0.000055)
1,2,3,4,7,8,9-HpCDF	ND(0.000011)	NA	ND(0.000022)	ND(0.000013)	0.0000035 J	ND(0.000019)	ND(0.000081)	ND(0.000057)
HpCDFs (total)	ND(0.000011)	NA	0.000028	ND(0.000013)	ND(0.000059) X	0.000073	ND(0.000081)	ND(0.000057)
OCDF	ND(0.000020)	NA	ND(0.000048)	ND(0.000014)	0.000017 J	ND(0.000070)	ND(0.000012)	ND(0.000037)
Dioxins								
2,3,7,8-TCDD	ND(0.000041)	NA	ND(0.000054)	ND(0.000043)	ND(0.0000085)	ND(0.000089)	ND(0.000041)	ND(0.000052)
TCDDs (total)	ND(0.000041)	NA	ND(0.000054)	ND(0.000043)	ND(0.000018) X	ND(0.000089)	ND(0.000041)	ND(0.000052)
1,2,3,7,8-PeCDD	ND(0.000041)	NA	ND(0.000057)	ND(0.000042)	0.0000042 J	ND(0.000094)	ND(0.000047)	ND(0.000066)
PeCDDs (total)	ND(0.000041)	NA	ND(0.000057)	ND(0.000042)	0.0000060	ND(0.000094)	ND(0.000047)	ND(0.000066)
1,2,3,4,7,8-HxCDD	ND(0.000040)	NA	ND(0.000066)	ND(0.000064)	0.0000028 J	ND(0.000026)	ND(0.000011)	ND(0.000070)
1,2,3,6,7,8-HxCDD	ND(0.000050)	NA	ND(0.000081)	ND(0.000079)	0.0000044 J	ND(0.000032)	ND(0.000014)	ND(0.000086)
1,2,3,7,8,9-HxCDD	ND(0.000045)	NA	ND(0.000073)	ND(0.000071)	0.0000031 J	ND(0.000029)	ND(0.000013)	0.000018
HxCDDs (total)	ND(0.000050)	NA	ND(0.000081)	ND(0.000079)	ND(0.000057) X	0.000032	ND(0.000014)	0.000018
1,2,3,4,6,7,8-HpCDD	ND(0.000015)	NA	ND(0.000027)	0.000017	0.000020 J	ND(0.000041)	ND(0.000084)	0.000060
HpCDDs (total)	ND(0.000015)	NA	0.000029	0.000017	0.000038	ND(0.000041)	ND(0.000084)	0.00015
OCDD	0.00027	NA	0.00043	0.00059	0.000031 J	0.00022	0.00023	0.00087
Total TEQs (WHO TEFs)	0.000092	NA	0.000032	0.000010	0.000021	0.000026	0.000010	0.000016

**TABLE 2-4
SUMMARY OF PRIOR APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	19-9-29-SB-7 2-4 09/21/99	19-9-29-SB-7 4-6 12/05/00	19-9-29-SB-8 0-1 09/21/99	19-9-29-SB-8 2-4 09/21/99	19-9-29-SB-8 6-8 12/05/00	19-9-29-SB-9 0-1 09/21/99	19-9-29-SB-9 2-4 09/21/99	19-9-29-SB-9 4-6 09/21/99
Inorganics								
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	ND(7.80)	69.0	ND(7.92)	ND(7.03)	ND(15.0)	ND(8.09)	ND(5.98)	ND(7.35)
Arsenic	12.3	ND(19.0)	14.2	7.28	ND(25.0)	17.3	6.81	11.6
Barium	117	110	78.1	88.4	270	84.8	127	79.5
Beryllium	ND(0.651)	0.280	ND(0.656)	ND(0.585)	0.400	ND(0.672)	ND(0.503)	ND(0.612)
Cadmium	0.756	ND(1.90)	1.09	0.949	ND(2.50)	0.872	0.524	ND(0.612)
Calcium	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	32.2	11.0	18.9	44.4	13.0	11.5	24.9	24.4
Cobalt	ND(6.50)	ND(9.70)	7.96	ND(5.86)	ND(12.0)	8.34	ND(4.98)	9.45
Copper	1010	270	ND(6590)	ND(23400)	180	328	ND(4980)	437
Cyanide	NA	NA	NA	NA	ND(1.60)	NA	NA	NA
Iron	NA	NA	NA	NA	NA	NA	NA	NA
Lead	372	850	248	283	1800	210	135	43.0
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.135	0.290	0.371	ND(0.0552)	44.0	1.23	0.0530	0.449
Nickel	29.8	14.0	64.1	53.8	16.0	23.3	46.0	131
Potassium	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	ND(0.651)	ND(0.970)	0.679	ND(0.585)	ND(1.20)	ND(0.672)	1.03	0.868
Silver	ND(1.34)	ND(0.970)	ND(1.31)	ND(1.19)	ND(1.20)	ND(1.49)	ND(1.09)	ND(1.16)
Sodium	NA	NA	NA	NA	NA	NA	NA	NA
Sulfide	NA	NA	NA	NA	18.0	NA	NA	NA
Thallium	ND(6.50)	ND(1.90)	ND(6.59)	ND(5.86)	ND(2.50)	ND(6.74)	ND(1.05)	ND(1.11)
Tin	397	340	100	63.8	410	68.6	109	ND(61.3)
Vanadium	21.0	ND(9.70)	24.5	20.8	19.0	17.9	26.4	39.6
Zinc	300	380	329	443	370	276	263	158

**TABLE 2-4
SUMMARY OF PRIOR APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	19-9-29-SS-4 0-1 12/05/00	19-9-29-SS-4 2-4 12/05/00	19-9-29-SS-4 12-14 12/05/00	19-9-29-SS-7 0-1 12/05/00	19-9-29-SS-7 2-4 12/05/00	19-9-29-SS-7 6-8 12/05/00
Volatile Organics						
None Detected	--	--	--	NA	NA	--
Semivolatile Organics						
1,2,4-Trichlorobenzene	ND(0.47)	ND(0.44)	ND(0.49) [ND(0.46)]	ND(2.5)	ND(4.3)	ND(0.41)
1,3-Dichlorobenzene	ND(0.47)	ND(0.44)	ND(0.49) [ND(0.46)]	ND(2.5)	ND(4.3)	ND(0.41)
1,4-Dichlorobenzene	ND(0.47)	ND(0.44)	ND(0.49) [ND(0.46)]	ND(2.5)	ND(4.3)	ND(0.41)
2,4-Dimethylphenol	ND(0.47)	ND(0.44)	ND(0.49) [ND(0.46)]	ND(2.5)	ND(4.3)	ND(0.41)
2-Methylnaphthalene	ND(0.47)	ND(0.44)	ND(0.49) [ND(0.46)]	ND(2.5)	ND(4.3)	ND(0.41)
2-Methylphenol	ND(0.47)	ND(0.44)	ND(0.49) [ND(0.46)]	ND(2.5)	ND(4.3)	ND(0.41)
3&4-Methylphenol	ND(0.95)	ND(0.84)	ND(0.96) [ND(0.93)]	ND(2.5)	ND(4.3)	ND(0.83)
Acenaphthene	ND(0.47)	ND(0.44)	ND(0.49) [ND(0.46)]	ND(2.5)	ND(4.3)	ND(0.41)
Acenaphthylene	ND(0.47)	ND(0.44)	ND(0.49) [ND(0.46)]	ND(2.5)	ND(4.3)	ND(0.41)
Acetophenone	ND(0.47)	ND(0.44)	ND(0.49) [ND(0.46)]	ND(2.5)	ND(4.3)	ND(0.41)
Aniline	ND(0.47)	ND(0.44)	ND(0.49) [ND(0.46)]	ND(2.5)	ND(4.3)	ND(0.41)
Anthracene	ND(0.47)	ND(0.44)	ND(0.49) [ND(0.46)]	ND(2.5)	ND(4.3)	ND(0.41)
Benzo(a)anthracene	ND(0.47)	ND(0.44)	ND(0.49) [ND(0.46)]	ND(2.5)	ND(4.3)	ND(0.41)
Benzo(a)pyrene	ND(0.47)	ND(0.44)	ND(0.49) [ND(0.46)]	ND(2.5)	ND(4.3)	ND(0.41)
Benzo(b)fluoranthene	ND(0.47)	ND(0.44)	ND(0.49) [ND(0.46)]	ND(2.5)	ND(4.3)	ND(0.40)
Benzo(g,h,i)perylene	ND(0.47)	ND(0.44)	ND(0.49) [ND(0.46)]	ND(2.5)	ND(4.3)	ND(0.41)
Benzo(k)fluoranthene	ND(0.47)	ND(0.44)	ND(0.49) [ND(0.46)]	ND(2.5)	ND(4.3)	ND(0.41)
bis(2-Ethylhexyl)phthalate	ND(0.47)	ND(0.44)	ND(0.49) [ND(0.46)]	ND(2.5)	ND(4.3)	ND(0.41)
Butylbenzylphthalate	ND(0.95)	ND(0.84)	ND(0.96) [ND(0.93)]	ND(2.5)	ND(4.3)	ND(0.83)
Chrysene	ND(0.47)	ND(0.44)	ND(0.49) [ND(0.46)]	ND(2.5)	ND(4.3)	ND(0.41)
Dibenzo(a,h)anthracene	ND(0.95)	ND(0.84)	ND(0.96) [ND(0.93)]	ND(2.5)	ND(4.3)	ND(0.83)
Dibenzofuran	ND(0.47)	ND(0.44)	ND(0.49) [ND(0.46)]	ND(2.5)	ND(4.3)	ND(0.41)
Di-n-Butylphthalate	ND(0.47)	ND(0.44)	ND(0.49) [ND(0.46)]	ND(2.5)	ND(4.3)	ND(0.41)
Fluoranthene	ND(0.47)	ND(0.44)	ND(0.49) [ND(0.46)]	ND(2.5)	4.5	ND(0.41)
Fluorene	ND(0.47)	ND(0.44)	ND(0.49) [ND(0.46)]	ND(2.5)	ND(4.3)	ND(0.41)
Hexachlorophene	ND(0.95)	ND(0.87)	ND(0.98) [ND(0.93)]	ND(4.9)	ND(8.7)	ND(0.83)
Indeno(1,2,3-cd)pyrene	ND(0.95)	ND(0.84)	ND(0.96) [ND(0.93)]	ND(2.5)	ND(4.3)	ND(0.83)
Naphthalene	ND(0.47)	ND(0.44)	ND(0.49) [ND(0.46)]	ND(2.5)	ND(4.3)	ND(0.41)
o-Toluidine	ND(0.47)	ND(0.44)	ND(0.49) [ND(0.46)]	ND(2.5)	ND(4.3)	ND(0.41)
Phenanthrene	ND(0.47)	ND(0.44)	ND(0.49) [ND(0.46)]	ND(2.5)	ND(4.3)	ND(0.41)
Phenol	ND(0.47)	ND(0.44)	ND(0.49) [ND(0.46)]	ND(2.5)	ND(4.3)	ND(0.41)
Pyrene	ND(0.47)	ND(0.44)	ND(0.49) [ND(0.46)]	ND(2.5)	4.7	ND(0.41)
Furans						
2,3,7,8-TCDF	0.000015	0.000011	ND(0.00000056) [ND(0.00000080)]	NA	NA	ND(0.00000094)
TCDFs (total)	0.00014	ND(0.0000031) X	ND(0.00000056) [ND(0.00000080)]	NA	NA	ND(0.00000094)
1,2,3,7,8-PeCDF	0.0000057	0.0000036 J	ND(0.00000039) [ND(0.00000047)]	NA	NA	ND(0.00000052)
2,3,4,7,8-PeCDF	0.0000080	0.0000010 J	ND(0.00000038) [ND(0.00000046)]	NA	NA	ND(0.00000051)
PeCDFs (total)	0.000095	0.0000046	ND(0.00000038) [ND(0.00000046)]	NA	NA	ND(0.00000051)
1,2,3,4,7,8-HxCDF	0.0000078	0.0000069 J	ND(0.00000052) [ND(0.00000066)]	NA	NA	ND(0.00000063)
1,2,3,6,7,8-HxCDF	0.0000046	0.0000039 J	ND(0.00000049) [ND(0.00000063)]	NA	NA	ND(0.00000060)
1,2,3,7,8,9-HxCDF	0.0000080 J	0.0000033 J	ND(0.00000060) [ND(0.00000077)]	NA	NA	ND(0.00000073)
2,3,4,6,7,8-HxCDF	0.0000052	0.0000039 J	ND(0.00000055) [ND(0.00000070)]	NA	NA	ND(0.00000067)
HxCDFs (total)	0.000077	ND(0.0000030) X	ND(0.00000054) [ND(0.00000069)]	NA	NA	ND(0.00000012) X
1,2,3,4,6,7,8-HpCDF	0.000018	0.0000077 J	ND(0.00000058) [0.00000014 J]	NA	NA	ND(0.00000076)
1,2,3,4,7,8,9-HpCDF	0.0000018 J	0.0000027 J	ND(0.00000071) [ND(0.00000011)]	NA	NA	ND(0.00000092)
HpCDFs (total)	0.000034	0.000015	ND(0.00000064) [0.00000023]	NA	NA	ND(0.00000083)
OCDF	0.000020	ND(0.0000090) X	ND(0.00000014) [ND(0.00000016)]	NA	NA	ND(0.00000019)
Dioxins						
2,3,7,8-TCDD	ND(0.0000027) X	ND(0.00000070)	ND(0.00000065) [ND(0.00000095)]	NA	NA	ND(0.00000097)
TCDDs (total)	ND(0.0000071) X	ND(0.0000027)	ND(0.00000031) [ND(0.00000032)]	NA	NA	ND(0.00000097)
1,2,3,7,8-PeCDD	0.00000057 J	0.00000062 J	ND(0.00000058) [ND(0.00000068)]	NA	NA	ND(0.00000091)
PeCDDs (total)	ND(0.0000095) X	ND(0.00000040)	ND(0.00000042) [ND(0.00000043)]	NA	NA	ND(0.00000044)
1,2,3,4,7,8-HxCDD	ND(0.0000047) X	ND(0.00000068)	ND(0.00000083) [ND(0.00000011)]	NA	NA	ND(0.00000012)
1,2,3,6,7,8-HxCDD	0.0000014 J	ND(0.00000072)	ND(0.00000088) [ND(0.00000012)]	NA	NA	ND(0.00000012)
1,2,3,7,8,9-HxCDD	0.0000087 J	ND(0.00000065)	ND(0.00000079) [ND(0.00000011)]	NA	NA	ND(0.00000011)
HxCDDs (total)	ND(0.000013) X	0.0000019 J	ND(0.00000040) [ND(0.00000041)]	NA	NA	ND(0.00000041)
1,2,3,4,6,7,8-HpCDD	0.000022	0.0000056 J	ND(0.00000017) X [0.00000030 J]	NA	NA	ND(0.00000042) X
HpCDDs (total)	0.000041	0.0000096	ND(0.00000017) X [0.00000086]	NA	NA	ND(0.00000064) X
OCDD	0.00017	0.000042	0.00000090 J [0.00000018 J]	NA	NA	0.00000069 J
Total TEQs (WHO TEFs)	0.0000090	0.0000094	0.00000010 [0.00000013]	NA	NA	0.00000015

**TABLE 2-4
SUMMARY OF PRIOR APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-29-SS-4 0-1 12/05/00	I9-9-29-SS-4 2-4 12/05/00	I9-9-29-SS-4 12-14 12/05/00	I9-9-29-SS-7 0-1 12/05/00	I9-9-29-SS-7 2-4 12/05/00	I9-9-29-SS-7 6-8 12/05/00
Inorganics						
Aluminum	NA	NA	NA	NA	NA	NA
Antimony	ND(13.0)	ND(11.0)	ND(13.0) [ND(12.0)]	ND(12.0)	ND(12.0)	ND(11.0)
Arsenic	ND(21.0)	ND(19.0)	ND(21.0) [ND(21.0)]	38.0	ND(20.0)	ND(18.0)
Barium	60.0	ND(37.0)	ND(43.0) [ND(42.0)]	100	61.0	ND(37.0)
Beryllium	0.310	ND(0.190)	ND(0.210) [ND(0.210)]	0.350	ND(0.200)	0.210
Cadmium	ND(2.10)	ND(1.90)	ND(2.10) [ND(2.10)]	ND(2.00)	ND(2.00)	ND(1.80)
Calcium	NA	NA	NA	NA	NA	NA
Chromium	14.0	12.0	ND(5.70) [5.70]	14.0	9.60	9.00
Cobalt	ND(11.0)	ND(9.40)	ND(11.0) [ND(10.0)]	ND(10.0)	ND(9.90)	9.40
Copper	44.0	ND(19.0)	ND(21.0) [ND(21.0)]	95.0	50.0	ND(18.0)
Cyanide	ND(1.40)	ND(1.20)	ND(1.40) [ND(1.40)]	NA	NA	ND(1.20)
Iron	NA	NA	NA	NA	NA	NA
Lead	160	91.0	4.40 [5.60]	180	310	8.20
Magnesium	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA
Mercury	0.650	ND(0.250)	ND(0.280) [ND(0.280)]	6.40	0.340	ND(0.250)
Nickel	17.0	ND(7.50)	10.0 [12.0]	22.0	14.0	17.0
Potassium	NA	NA	NA	NA	NA	NA
Selenium	ND(1.10)	ND(0.940)	ND(1.10) [ND(1.00)]	ND(1.00)	ND(0.990)	ND(0.930)
Silver	ND(1.10)	ND(0.940)	ND(1.10) [ND(1.00)]	ND(1.00)	ND(0.990)	ND(0.930)
Sodium	NA	NA	NA	NA	NA	NA
Sulfide	8.90	ND(6.20)	ND(7.10) [8.80]	NA	NA	ND(6.20)
Thallium	ND(2.10)	ND(1.90)	ND(2.10) [ND(2.10)]	ND(2.00)	ND(2.00)	ND(1.80)
Tin	ND(64.0)	ND(56.0)	ND(64.0) [ND(63.0)]	ND(61.0)	ND(59.0)	ND(56.0)
Vanadium	14.0	ND(9.40)	ND(11.0) [ND(10.0)]	18.0	12.0	ND(9.30)
Zinc	140	43.0	26.0 [32.0]	170	170	44.0

**TABLE 2-4
SUMMARY OF PRIOR APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-29-SS-10 0-1 12/05/00	I9-9-29-SS-10 8-10 12/05/00	SLB-1-BB 0-0.5 01/19/95	SLB-1-TB 0-0.5 10/11/95	SLB-2-BB 0-0.5 01/19/95	SLB-2-TB 0-0.5 10/11/95	SLB-4-BB 0-0.5 01/19/95	SLB-5-BB 0-0.5 01/19/95
Volatile Organics								
None Detected	--	--	NA	NA	NA	NA	NA	NA
Semivolatile Organics								
1,2,4-Trichlorobenzene	ND(1.4)	ND(1.3)	ND(95)	ND(2.7)	ND(4.3)	ND(0.73)	ND(4.1)	ND(0.38)
1,3-Dichlorobenzene	ND(1.4)	ND(1.3)	ND(95)	ND(2.7)	ND(4.3)	ND(0.73)	ND(4.1)	ND(0.38)
1,4-Dichlorobenzene	ND(1.4)	ND(1.3)	ND(95)	ND(2.7)	ND(4.3)	ND(0.73)	ND(4.1)	ND(0.38)
2,4-Dimethylphenol	ND(1.4)	ND(1.3)	NA	ND(2.7)	NA	ND(0.73)	NA	NA
2-Methylnaphthalene	ND(1.4)	ND(1.3)	ND(95)	ND(2.7)	ND(4.3)	ND(0.73)	ND(4.1)	ND(0.38)
2-Methylphenol	ND(1.4)	ND(1.3)	ND(95)	ND(2.7)	ND(4.3)	ND(0.73)	3.2 J	ND(0.38)
3&4-Methylphenol	ND(1.4)	ND(1.3)	ND(95)	ND(2.7)	ND(4.4)	ND(0.73)	1.5 J	ND(0.38)
Acenaphthene	ND(1.4)	ND(1.3)	ND(95)	ND(2.7)	ND(4.3)	0.076 J	ND(4.1)	ND(0.38)
Acenaphthylene	ND(1.4)	ND(1.3)	ND(95)	1.1 J	ND(4.3)	0.23 J	0.79 J	ND(0.38)
Acetophenone	ND(1.4)	ND(1.3)	ND(95)	ND(2.7)	ND(4.4)	ND(0.73)	ND(4.1)	ND(0.38)
Aniline	ND(1.4)	ND(1.3)	ND(95)	20	ND(4.4)	ND(0.73)	ND(4.1)	ND(0.38)
Anthracene	ND(1.4)	2.1	ND(95)	0.63 J	0.78 J	0.27 J	0.80 J	ND(0.38)
Benzo(a)anthracene	ND(1.4)	4.1	ND(95)	3.6	1.4 J	1.2	1.9 J	ND(0.38)
Benzo(a)pyrene	ND(1.4)	4.1	ND(95)	5.1	1.2 J	1.6	1.8 J	ND(0.38)
Benzo(b)fluoranthene	ND(1.4)	3.2	ND(95)	5.8	1.1 J	1.8	1.6 J	ND(0.38)
Benzo(g,h,i)perylene	ND(1.4)	4.3	ND(95)	1.1 J	0.89 J	0.35 J	1.6 J	ND(0.38)
Benzo(k)fluoranthene	ND(1.4)	3.4	ND(95)	6.3	1.1 J	1.8	1.7 J	ND(0.38)
bis(2-Ethylhexyl)phthalate	ND(1.4)	ND(1.3)	ND(95)	0.28 J	0.84 J	0.29 J	ND(4.1)	ND(0.38)
Butylbenzylphthalate	ND(1.4)	ND(1.3)	ND(95)	ND(2.7)	ND(4.3)	0.37 J	ND(4.1)	ND(0.38)
Chrysene	ND(1.4)	3.9	12 J	5.0	1.5 J	1.6	2.1 J	ND(0.38)
Dibenzo(a,h)anthracene	ND(1.4)	3.1	ND(95)	0.36 J	ND(4.3)	0.082 J	ND(4.1)	ND(0.38)
Dibenzofuran	ND(1.4)	ND(1.3)	ND(95)	ND(2.7)	ND(4.3)	ND(0.73)	ND(4.1)	ND(0.38)
Di-n-Butylphthalate	ND(1.4)	ND(1.3)	ND(95)	0.29 JB	ND(4.3)	0.18 JB	0.80 JB	0.087 JB
Fluoranthene	1.4	10	ND(95)	8.9	3.6 J	3.0	3.4 J	ND(0.38)
Fluorene	ND(1.4)	ND(1.3)	ND(95)	ND(2.7)	ND(4.3)	0.083 J	ND(4.1)	ND(0.38)
Hexachlorophene	ND(2.8)	ND(2.7)	ND(480)	ND(13)	ND(22)	ND(3.7)	ND(20)	ND(1.9)
Indeno(1,2,3-cd)pyrene	ND(1.4)	3.3	ND(95)	1.3 J	ND(4.3)	0.39 J	1.3 J	ND(0.38)
Naphthalene	ND(1.4)	ND(1.3)	ND(95)	0.89 J	ND(4.3)	ND(0.73)	1.8 J	ND(0.38)
o-Toluidine	ND(1.4)	ND(1.3)	ND(95)	ND(2.7)	ND(4.4)	ND(0.73)	1.6 J	ND(0.38)
Phenanthrene	ND(1.4)	8.9	ND(95)	3.6	1.9 J	1.3	1.9 J	ND(0.38)
Phenol	ND(1.4)	ND(1.3)	ND(95)	ND(2.7)	ND(4.3)	ND(0.73)	9.6	ND(0.38)
Pyrene	ND(1.4)	8.0	ND(95)	7.6	2.8 J	2.3	3.0 J	ND(0.38)
Furans								
2,3,7,8-TCDF	0.000027	ND(0.00000068)	0.00014 Y	NA	0.000022 JY	NA	0.00051 Y	0.000012 JY
TCDFs (total)	ND(0.00025) X	ND(0.00000068)	0.0011	NA	0.000043	NA	0.0016	0.000011
1,2,3,7,8-PeCDF	0.0000082	ND(0.00000034)	ND(0.000064)	NA	ND(0.000014)	NA	0.00026	ND(0.0000077)
2,3,4,7,8-PeCDF	0.000013	ND(0.00000033)	0.00014 J	NA	ND(0.000028)	NA	0.00021	ND(0.000012)
PeCDFs (total)	0.00015	ND(0.00000033)	0.0024	NA	0.000057	NA	0.0050	0.000012
1,2,3,4,7,8-HxCDF	0.000010	ND(0.00000049)	0.00022	NA	ND(0.000032)	NA	0.00041	ND(0.000014)
1,2,3,6,7,8-HxCDF	0.0000062	ND(0.00000047)	ND(0.000076)	NA	ND(0.000022)	NA	0.00024	ND(0.0000084)
1,2,3,7,8,9-HxCDF	ND(0.000014) X	ND(0.00000057)	ND(0.000024)	NA	ND(0.0000050)	NA	ND(0.000028)	ND(0.0000036)
2,3,4,6,7,8-HxCDF	0.0000081	ND(0.00000052)	ND(0.000088)	NA	ND(0.000020)	NA	0.00012	ND(0.0000077)
HxCDFs (total)	ND(0.00011) X	ND(0.0000011) X	0.00095	NA	0.000047	NA	0.0042	0.000010
1,2,3,4,6,7,8-HpCDF	0.000026	ND(0.00000076)	0.00047	NA	0.000013	NA	0.00048	0.000062 J
1,2,3,4,7,8,9-HpCDF	0.000027	ND(0.00000092)	ND(0.000059)	NA	ND(0.000011)	NA	0.00094	ND(0.0000050)
HpCDFs (total)	0.000054	ND(0.00000083)	0.0010	NA	0.000034	NA	0.0012	0.000015
OCDF	0.000025	ND(0.0000016)	0.00060	NA	0.000026	NA	0.00044	0.000013
Dioxins								
2,3,7,8-TCDD	ND(0.0000043) X	ND(0.00000075)	ND(0.000084)	NA	ND(0.0000015)	NA	0.000022 J	ND(0.0000015)
TCDDs (total)	ND(0.00012) X	ND(0.0000026)	ND(0.000065)	NA	ND(0.0000063)	NA	0.000027	ND(0.0000043)
1,2,3,7,8-PeCDD	0.0000012 J	ND(0.00000058)	ND(0.000017)	NA	ND(0.0000055)	NA	ND(0.000069)	ND(0.0000022)
PeCDDs (total)	ND(0.000021) X	ND(0.00000039)	ND(0.000017)	NA	ND(0.0000013)	NA	ND(0.000018)	ND(0.0000072)
1,2,3,4,7,8-HxCDD	0.0000093 J	ND(0.00000078)	ND(0.000036)	NA	ND(0.000012)	NA	0.000018	ND(0.0000038)
1,2,3,6,7,8-HxCDD	0.0000028	ND(0.00000082)	ND(0.000063)	NA	0.000037 J	NA	0.000040	ND(0.000011)
1,2,3,7,8,9-HxCDD	0.0000019 J	ND(0.00000074)	ND(0.000070)	NA	ND(0.000025)	NA	0.000036	ND(0.0000076)
HxCDDs (total)	0.000029	ND(0.00000041)	0.00027	NA	0.000018	NA	0.00034	ND(0.0000027)
1,2,3,4,6,7,8-HpCDD	0.000043	0.0000017 J	0.0011	NA	0.000069	NA	0.00068	0.000019
HpCDDs (total)	0.000085	0.0000017	0.0020	NA	0.00012	NA	0.0012	0.000033
OCDD	0.00041	0.0000059 J	0.0073	NA	0.00053	NA	0.0037	0.00017
Total TEQs (WHO TEFs)	0.000015	0.0000010	0.00015	NA	0.0000031	NA	0.00027	0.000012

**TABLE 2-4
SUMMARY OF PRIOR APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	I9-9-29-SS-10 0-1 12/05/00	I9-9-29-SS-10 8-10 12/05/00	SLB-1-BB 0-0.5 01/19/95	SLB-1-TB 0-0.5 10/11/95	SLB-2-BB 0-0.5 01/19/95	SLB-2-TB 0-0.5 10/11/95	SLB-4-BB 0-0.5 01/19/95	SLB-5-BB 0-0.5 01/19/95
Inorganics								
Aluminum	NA	NA	3430	NA	2810	NA	7290	8300
Antimony	ND(12.0)	ND(12.0)	ND(14.6)	NA	ND(6.60)	NA	ND(6.20)	ND(5.90)
Arsenic	ND(21.0)	ND(20.0)	4.30	NA	1.60	NA	6.20	2.60
Barium	69.0	ND(41.0)	126	NA	15.7 B	NA	32.8	18.2 B
Beryllium	0.270	0.300	0.290 B	NA	0.220 B	NA	0.220 B	ND(0.120)
Cadmium	2.50	ND(2.00)	20.8	NA	ND(0.660)	NA	0.870	0.640
Calcium	NA	NA	6480	NA	14500	NA	22400	5780
Chromium	24.0	6.50	94.7	NA	4.40	NA	17.0	6.70
Cobalt	14.0	ND(10.0)	ND(5.80)	NA	5.00 B	NA	7.30	7.00
Copper	320	ND(20.0)	1050	NA	16.4	NA	141	22.5
Cyanide	ND(1.40)	ND(1.40)	ND(1.30)	NA	ND(0.560)	NA	ND(0.610)	ND(0.530)
Iron	NA	NA	21100	NA	14000	NA	28600	20100
Lead	200	7.90	396	NA	39.1	NA	357	41.7
Magnesium	NA	NA	1580	NA	7380	NA	12600	4480
Manganese	NA	NA	266	NA	249	NA	437	493
Mercury	1.10	ND(0.270)	1.80	NA	ND(0.130)	NA	0.790	ND(0.120)
Nickel	420	11.0	63.9	NA	10.1	NA	26.4	17.5
Potassium	NA	NA	528 B	NA	216 B	NA	535 B	369 B
Selenium	ND(1.00)	ND(1.00)	1.70	NA	ND(0.260)	NA	0.290 B	0.310 B
Silver	ND(1.00)	ND(1.00)	24.9	NA	ND(0.660)	NA	1.20	ND(0.590)
Sodium	NA	NA	153 B	NA	113 B	NA	92.4 B	38.5 B
Sulfide	ND(7.00)	8.60	NA	NA	NA	NA	NA	NA
Thallium	ND(2.10)	ND(2.00)	ND(0.570)	NA	ND(0.260)	NA	ND(0.240)	ND(0.230)
Tin	ND(63.0)	ND(62.0)	NA	NA	NA	NA	NA	NA
Vanadium	20.0	ND(10.0)	121	NA	9.60	NA	26.4	10.6
Zinc	260	32.0	958	NA	60.3	NA	221	80.5

**TABLE 2-4
SUMMARY OF PRIOR APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	SLB-8-BB 0-0.5 02/23/95	SLB-9-BB 0-0.5 02/23/95	SLB-9-TB 0-0.5 10/11/95
Volatile Organics			
None Detected	NA	NA	NA
Semivolatile Organics			
1,2,4-Trichlorobenzene	ND(0.80)	ND(4.2)	ND(3.9)
1,3-Dichlorobenzene	ND(0.80)	ND(4.2)	ND(3.9)
1,4-Dichlorobenzene	ND(0.80)	ND(4.2)	ND(3.9)
2,4-Dimethylphenol	ND(0.80)	ND(4.2)	0.70 J
2-Methylnaphthalene	ND(0.80)	0.72 J	0.46 J
2-Methylphenol	ND(0.80)	1.5 J	0.41 J
3&4-Methylphenol	ND(0.80)	ND(4.2)	0.52 J
Acenaphthene	ND(0.80)	3.0 J	2.0 J
Acenaphthylene	0.26 J	ND(4.2)	1.9 J
Acetophenone	0.14 JB	1.7 JB	ND(3.9)
Aniline	ND(0.80)	12	6.7
Anthracene	0.27 J	3.9 J	5.0
Benzo(a)anthracene	0.71 J	8.0	14
Benzo(a)pyrene	0.93	7.2	16
Benzo(b)fluoranthene	0.91	9.3	17
Benzo(g,h,i)perylene	0.30 J	1.1 J	3.6 J
Benzo(k)fluoranthene	1.1	6.9	11
bis(2-Ethylhexyl)phthalate	0.15 J	ND(4.2)	ND(3.9)
Butylbenzylphthalate	ND(0.80)	ND(4.2)	ND(3.9)
Chrysene	0.85	8.7	17
Dibenzo(a,h)anthracene	0.27 J	2.1 J	ND(3.9)
Dibenzofuran	ND(0.80)	1.4 J	0.84 J
Di-n-Butylphthalate	0.31 J	1.5 J	2.9 JB
Fluoranthene	1.1	12	31
Fluorene	0.13 J	2.6 J	1.8 J
Hexachlorophene	ND(3.9)	ND(21)	ND(19)
Indeno(1,2,3-cd)pyrene	0.46 J	3.2 J	4.7
Naphthalene	0.094 J	4.5	0.92 J
o-Toluidine	ND(0.80)	ND(4.2)	ND(3.9)
Phenanthrene	0.88	11	18
Phenol	0.25 J	5.9	2.0 J
Pyrene	1.4	14	21
Furans			
2,3,7,8-TCDF	0.000037 Y	0.00027 Y	NA
TCDFs (total)	0.00031	0.0045	NA
1,2,3,7,8-PeCDF	0.000011	0.000073	NA
2,3,4,7,8-PeCDF	0.000013	0.00017	NA
PeCDFs (total)	0.00026	0.0040	NA
1,2,3,4,7,8-HxCDF	0.000012	0.00021	NA
1,2,3,6,7,8-HxCDF	ND(0.000020)	ND(0.00040)	NA
1,2,3,7,8,9-HxCDF	ND(0.0000047)	0.000087	NA
2,3,4,6,7,8-HxCDF	0.000092	0.00024	NA
HxCDFs (total)	0.00020	0.0048	NA
1,2,3,4,6,7,8-HpCDF	0.000048	0.00055	NA
1,2,3,4,7,8,9-HpCDF	0.000060 J	0.000087	NA
HpCDFs (total)	0.00011	0.0014	NA
OCDF	0.000076	0.00036	NA
Dioxins			
2,3,7,8-TCDD	ND(0.0000042)	0.000068	NA
TCDDs (total)	0.000095	0.000093	NA
1,2,3,7,8-PeCDD	ND(0.0000016)	0.000024	NA
PeCDDs (total)	ND(0.0000059)	0.000088	NA
1,2,3,4,7,8-HxCDD	ND(0.0000023)	0.000027	NA
1,2,3,6,7,8-HxCDD	0.0000057 J	0.000069	NA
1,2,3,7,8,9-HxCDD	0.0000063 J	0.000074	NA
HxCDDs (total)	0.000041	0.00052	NA
1,2,3,4,6,7,8-HpCDD	0.000097	0.00076	NA
HpCDDs (total)	0.00016	0.0014	NA
OCDD	0.00076	0.0041	NA
Total TEQs (WHO TEFs)	0.000018	0.00025	NA

**TABLE 2-4
SUMMARY OF PRIOR APPENDIX IX+3 SOIL DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	SLB-8-BB 0-0.5 02/23/95	SLB-9-BB 0-0.5 02/23/95	SLB-9-TB 0-0.5 10/11/95
Inorganics			
Aluminum	NA	NA	NA
Antimony	3.80 B	6.50 B	NA
Arsenic	9.00	5.30	NA
Barium	243	47.8 B	NA
Beryllium	0.350 B	0.230 B	NA
Cadmium	3.70	2.00	NA
Calcium	NA	NA	NA
Chromium	18.5	24.1	NA
Cobalt	8.20 B	7.20 B	NA
Copper	130	218	NA
Cyanide	ND(6.10)	ND(6.40)	NA
Iron	NA	NA	NA
Lead	500	294	NA
Magnesium	NA	NA	NA
Manganese	NA	NA	NA
Mercury	1.10	1.30	NA
Nickel	26.1	38.1	NA
Potassium	NA	NA	NA
Selenium	3.70	2.00	NA
Silver	0.890 B	1.20 B	NA
Sodium	NA	NA	NA
Sulfide	805	1360	NA
Thallium	ND(1.00)	ND(1.10)	NA
Tin	17.6 B	27.3	NA
Vanadium	32.5	81.8	NA
Zinc	569	385	NA

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to Quanterra Environmental Services, Inc., Columbia Analytical Services, Inc., CT&E Environmental Services, Inc. and RECRA Environmental, Inc. for analysis of Appendix IX+3 constituents.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.
5. -- Indicates that all constituents for the parameter group were not detected.
6. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. In Environmental Health Perspectives 8.106(2), December 1998.
7. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics

- B - Analyte was also detected in the associated method blank.
- J - Indicates an estimated value less than the practical quantitation limit (PQL).
- Q - Indicates the presence of quantitative interferences.
- X - Estimated maximum possible concentration.
- Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference. I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- D - Compound quantitated using a secondary dilution.
- E - Analyte exceeded calibration range.

Inorganics

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

**TABLE 2-5
SUMMARY OF EPA PRE-DESIGN SPLIT SOIL SAMPLE DATA**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	SL-BH001030-0-0010 1-3 06/20/03	SL-BH001031-0-0050 5-7 06/23/03	SL-BH001034-0-0010 1-3 06/24/03	SL-BH001093-0-0010 0-1 09/16/03
Volatilic Organics				
2-Butanone	NA	0.059 J	NA	NA
Acetone	NA	0.23 J	NA	NA
Carbon Disulfide	NA	0.046 J	NA	NA
Naphthalene	NA	0.067 J	NA	NA
Toluene	NA	0.0020 J	NA	NA
PCBs				
Aroclor-1254	4.5 J	17	3.6 J	0.47
Aroclor-1260	7.9	11	5.8	0.74
Total PCBs	12.4	28	9.4	1.21
Semivolatile Organics				
1,2,4-Trichlorobenzene	NA	0.054 J	NA	NA
2-Methylnaphthalene	NA	0.36 J	NA	NA
4-Methylphenol	NA	0.10 J	NA	NA
Acenaphthene	NA	0.74 J	NA	NA
Anthracene	NA	0.67 J	NA	NA
Benzo(a)anthracene	NA	2.2	NA	NA
Benzo(a)pyrene	NA	1.9	NA	NA
Benzo(b)fluoranthene	NA	1.9	NA	NA
Benzo(g,h,i)perylene	NA	1.4 J	NA	NA
Benzo(k)fluoranthene	NA	1.7	NA	NA
Chrysene	NA	2.4	NA	NA
Dibenzo(a,h)anthracene	NA	0.35 J	NA	NA
Dibenzofuran	NA	0.23 J	NA	NA
Fluoranthene	NA	4.8	NA	NA
Fluorene	NA	0.44 J	NA	NA
Indeno(1,2,3-cd)pyrene	NA	1.2 J	NA	NA
Naphthalene	NA	3.2	NA	NA
Phenanthrene	NA	2.9	NA	NA
Pyrene	NA	4.5	NA	NA
Inorganics				
Antimony	NA	2.50	NA	NA
Arsenic	NA	10.6	NA	NA
Barium	NA	1240	NA	NA
Beryllium	NA	0.270	NA	NA
Cadmium	NA	4.80	NA	NA
Chromium	NA	39.8	NA	NA
Cobalt	NA	6.90	NA	NA
Copper	NA	171	NA	NA
Lead	NA	463	NA	NA
Mercury	NA	0.310	NA	NA
Nickel	NA	38.3	NA	NA
Selenium	NA	0.960	NA	NA
Silver	NA	0.850	NA	NA
Thallium	NA	1.70	NA	NA
Tin	NA	439	NA	NA
Vanadium	NA	10.4	NA	NA
Zinc	NA	2320	NA	NA

Notes:

1. Sample collection and analysis performed by United States Environmental Protection Agency (EPA) subcontractors.
2. Results are preliminary. Validated results will be provided to GE under a Data Exchange Agreement between GE and EPA.
3. NA - Not Analyzed.
4. Only those constituents detected in one or more samples are summarized.

Data Qualifiers:

J - Estimated Value.

**TABLE 3-1
SUMMARY OF PROPOSED SUPPLEMENTAL SAMPLES BY DEPTH**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SAMPLE ID	DEPTH INCREMENT (FEET)										
	0-1	1-3	3-5	3-6	5-7	7-9	9-11	6-10	11-13	13-15	10-15
Parcel I9-9-1											
I9-9-1-SB-6	X	X	X	---	X	X	Y	---	Y	Y	---
Parcel I9-10-8											
I9-10-8-SB-10	X	X	X	---	X	X	Y	---	Y	Y	---
I9-10-8-SB-11	X	X	X	---	X	X	Y	---	Y	Y	---
I9-10-8-SB-12	X	X	---	---	---	---	---	---	---	---	---
I9-10-8-SB-13	X	X	---	---	---	---	---	---	---	---	---
I9-10-8-SB-14	X	X	---	---	---	---	---	---	---	---	---
I9-10-8-SB-15	X	X	---	---	---	---	---	---	---	---	---
Parcel I9-9-9											
I9-9-9-SB-1	---	---	---	---	---	---	---	---	X	Y	---
I9-9-9-SB-4	X	X	X	---	X	X	X	---	Y	Y	---
I9-9-9-SB-5	X	X	X	---	X	X	X	---	Y	Y	---
I9-9-9-SB-6	X	X	X	---	X	X	X	---	Y	Y	---
I9-9-9-SB-7	X	X	X	---	X	X	X	---	Y	Y	---
I9-9-9-SB-8	X	X	X	---	X	X	X	---	Y	Y	---
Parcel I9-9-11											
I9-9-11-SB-7	X	X	---	X	---	---	---	Y	---	---	Y
I9-9-11-SB-8	X	X	---	X	---	---	---	Y	---	---	Y
Parcel I9-9-19											
I9-9-19-SS-1	X	---	---	---	---	---	---	---	---	---	---
I9-9-19-SB-1	X Z	X	X Z	---	Y	Y	Y	---	---	---	---
I9-9-19-SB-2	X Z	X Z	X	---	Y	Y	Y	---	---	---	---
Parcel I9-9-21											
I9-9-21-SB-6	X	X	---	X	---	---	---	Y	---	---	Y
I9-9-21-SB-7	X	X	---	X	---	---	---	Y	---	---	Y
I9-9-21-SB-8	X	X	---	X	---	---	---	Y	---	---	Y
I9-9-21-SB-9	X	X	---	X	---	---	---	Y	---	---	Y
Parcel I9-9-24											
I9-9-24-SB-1	---	---	---	---	---	---	---	---	X	Y	---
I9-9-24-SB-2	---	---	---	---	---	---	---	---	X	Y	---
I9-9-24-SB-3	X	X	X	---	Y	Y	Y	---	Y	Y	---
I9-9-24-SB-4	X	X	X	---	Y	Y	Y	---	Y	Y	---
I9-9-24-SB-5	X	X	X	---	Y	Y	Y	---	Y	Y	---

TABLE 3-1
SUMMARY OF PROPOSED SUPPLEMENTAL SAMPLES BY DEPTH

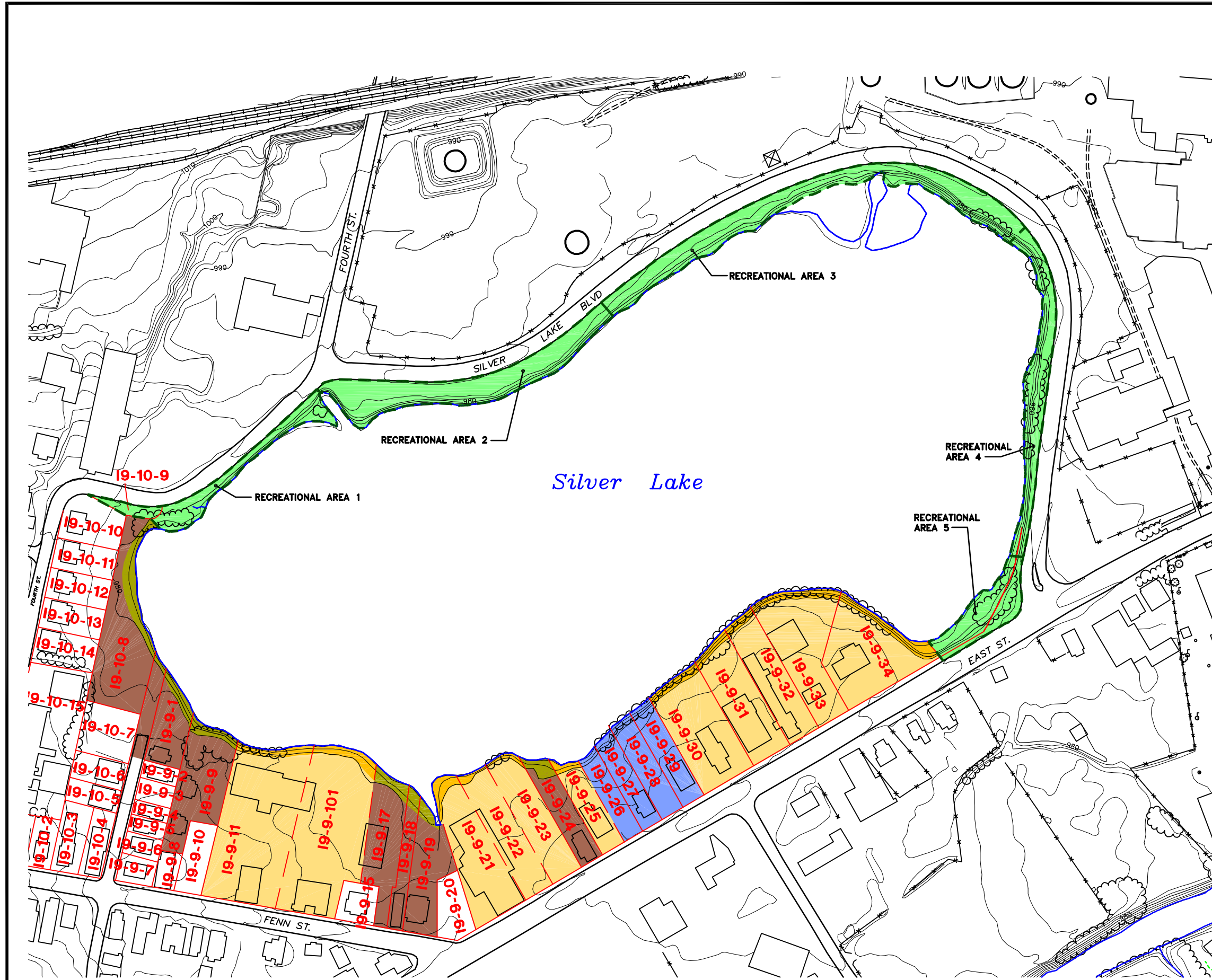
PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

SAMPLE ID	DEPTH INCREMENT (FEET)										
	0-1	1-3	3-5	3-6	5-7	7-9	9-11	6-10	11-13	13-15	10-15
Parcel I9-9-25											
I9-9-25-SB-8	X	X	---	X	---	---	---	X	---	---	Y
I9-9-25-SB-9	X	X	---	X	---	---	---	X	---	---	Y
Parcel I9-9-30											
I9-9-30-SB-8	X	X	---	X	---	---	---	Y	---	---	Y
I9-9-30-SB-9	X	X	---	X	---	---	---	Y	---	---	Y
I9-9-30-SB-10	X	X	---	X	---	---	---	Y	---	---	Y
I9-9-30-SB-11	X	X	---	X	---	---	---	Y	---	---	Y
Parcel I9-9-34											
I9-9-34-SB-10	X	X	---	X	---	---	---	Y	---	---	Y
I9-9-34-SB-11	X	X	---	X	---	---	---	Y	---	---	Y
I9-9-34-SB-12	X	X	---	X	---	---	---	Y	---	---	Y

Notes:

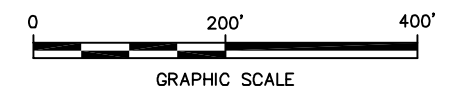
1. This table specifies the depth increments from which samples are proposed to be collected from, as discussed in this PDI Work Plan Addendum.
2. X - indicates depth interval to be collected and analyzed for PCBs.
3. Y - indicates depth interval to be collected and held for PCB analysis (if PCBs are detected in depth increment above).
4. Z - indicates depth interval to be collected and analyzed for Appendix IX+3 constituents (excluding pesticides and herbicides).

Figures



LEGEND	
	EDGE OF WATER
	RAILROAD
	VEGETATION
	PROPERTY BOUNDARY
	BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
19-9-11	PROPERTY ID
	COMMERCIAL/INDUSTRIAL PROPERTY
	BANK PORTIONS OF COMMERCIAL/INDUSTRIAL PROPERTIES
	RESIDENTIAL PROPERTY
	BANK PORTIONS OF RESIDENTIAL PROPERTIES
	PROPERTY ADDRESSED AS PART OF ADMINISTRATIVE CONSENT ORDER WITH MDEP
	RECREATIONAL AVERAGING AREAS

- NOTES:
1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. TAX ASSESSORS' PARCEL IDENTIFICATION NUMBERS AND BOUNDARY INFORMATION OBTAINED FROM CITY OF PITTSFIELD'S TAX ASSESSOR'S OFFICE AND IS CURRENT THROUGH SEPTEMBER 5, 1997.

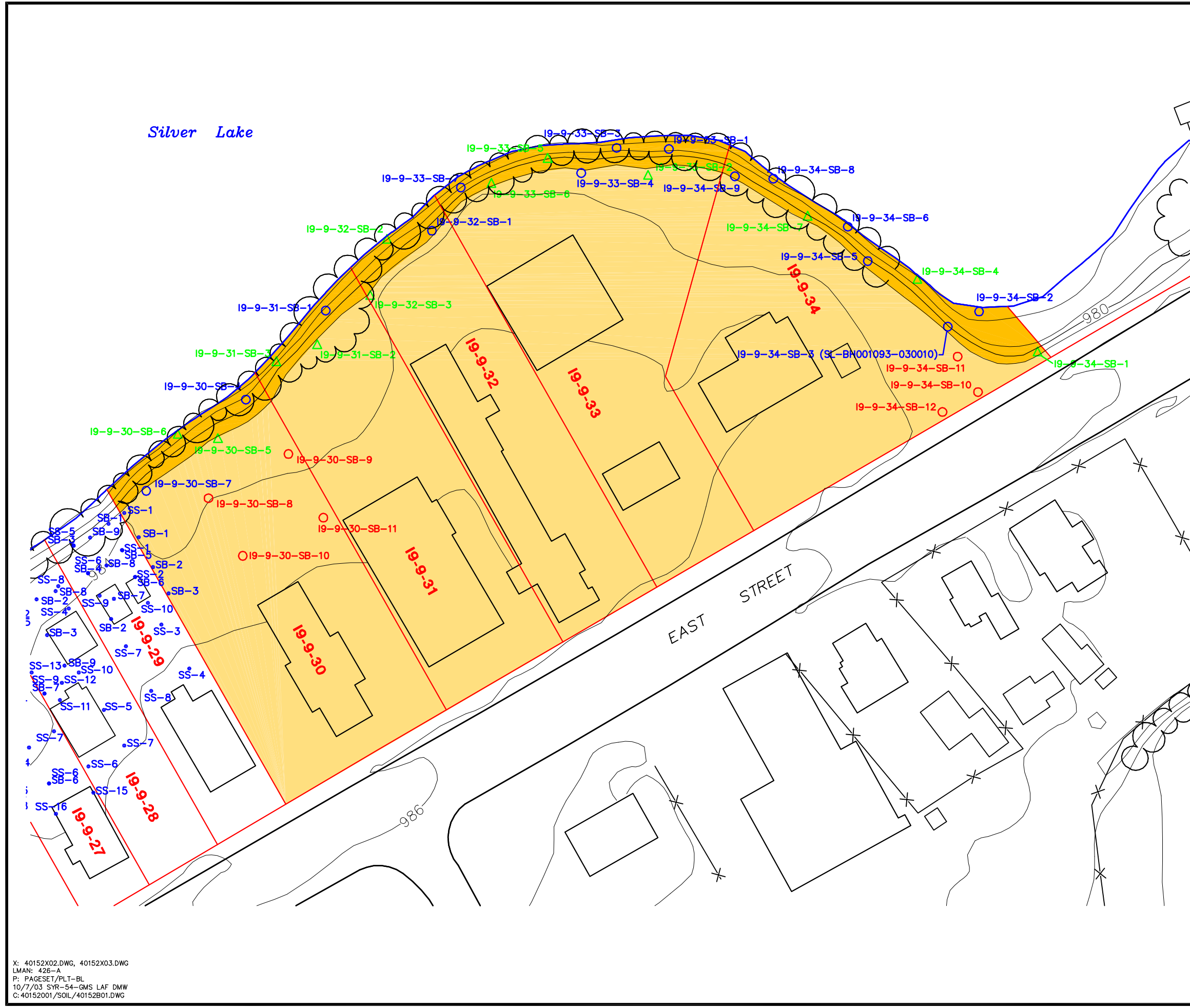


GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
PRE-DESIGN INVESTIGATION WORK PLAN
ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE










**SILVER LAKE
AREA SITE MAP**

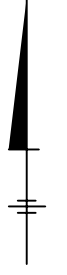


X: 40152X02.DWG, 40152X03.DWG
LMAN: 426-A
P: PAGESET/PLT-BL
10/7/03 SYR-54-LJP NES DMW
C:/40152001/SOIL/40152B06.DWG



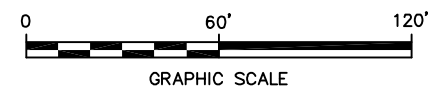
LEGEND

-  EDGE OF WATER
-  VEGETATION
-  PROPERTY BOUNDARY
- 19-9-30** PROPERTY ID
-  COMMERCIAL/INDUSTRIAL PROPERTY
-  BANK PORTIONS OF COMMERCIAL/INDUSTRIAL PROPERTIES
-  PRIOR (HISTORICAL) SOIL SAMPLE LOCATION
-  PRE-DESIGN PCB SOIL BORING LOCATION
-  PRE-DESIGN PCB AND APPENDIX IX+3 SOIL SAMPLE LOCATION
-  PROPOSED SUPPLEMENTAL PCB SOIL BORING LOCATION



NOTES:

1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. TAX ASSESSORS' PARCEL IDENTIFICATION NUMBERS AND BOUNDARY INFORMATION OBTAINED FROM CITY OF PITTSFIELD'S TAX ASSESSOR'S OFFICE AND IS CURRENT THROUGH SEPTEMBER 5, 1997.
3. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.

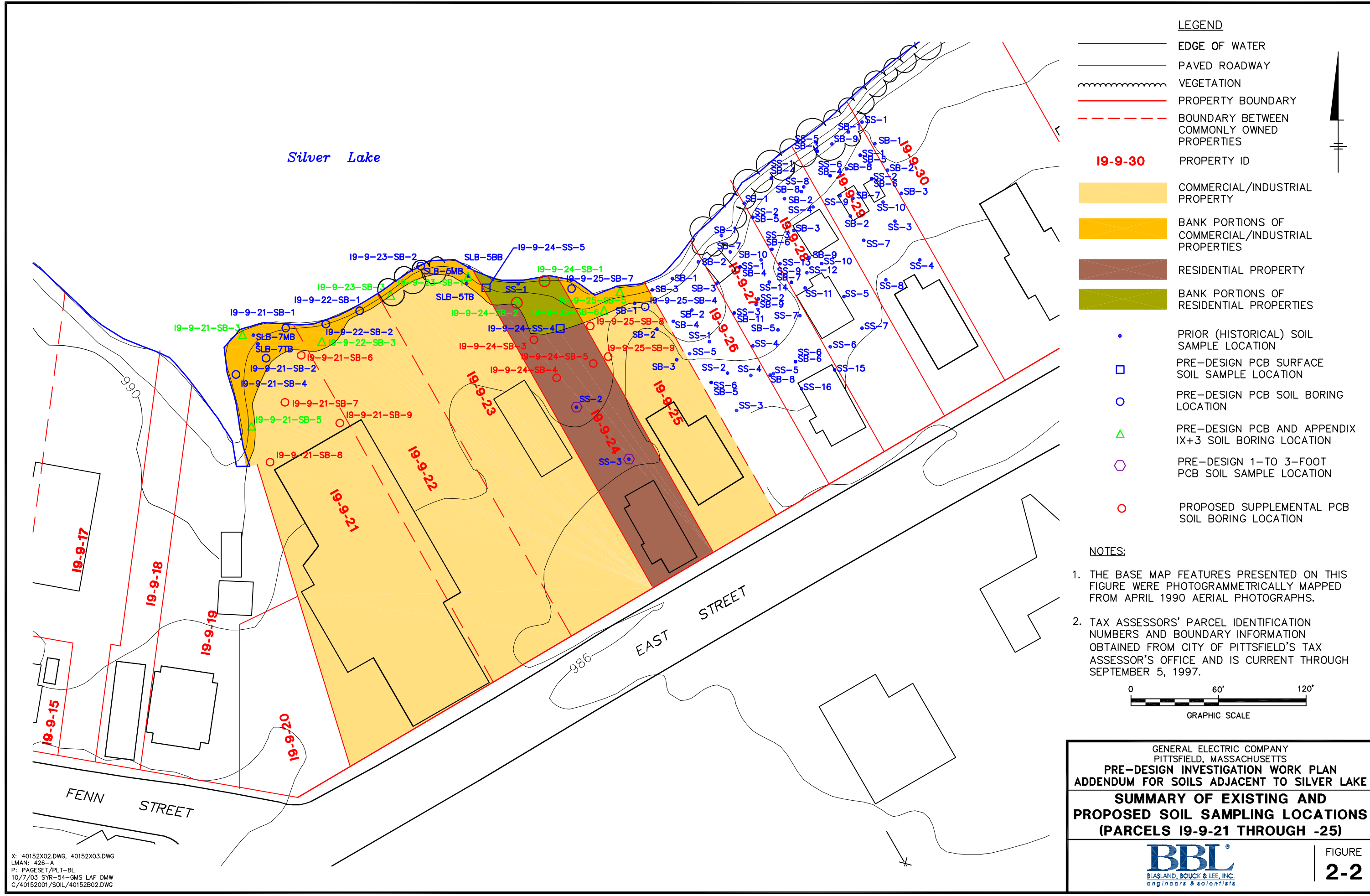


GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**PRE-DESIGN INVESTIGATION WORK PLAN
 ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**
**SUMMARY OF EXISTING AND
 PROPOSED SOIL SAMPLING LOCATIONS
 (PARCELS 19-9-30 THROUGH -34)**

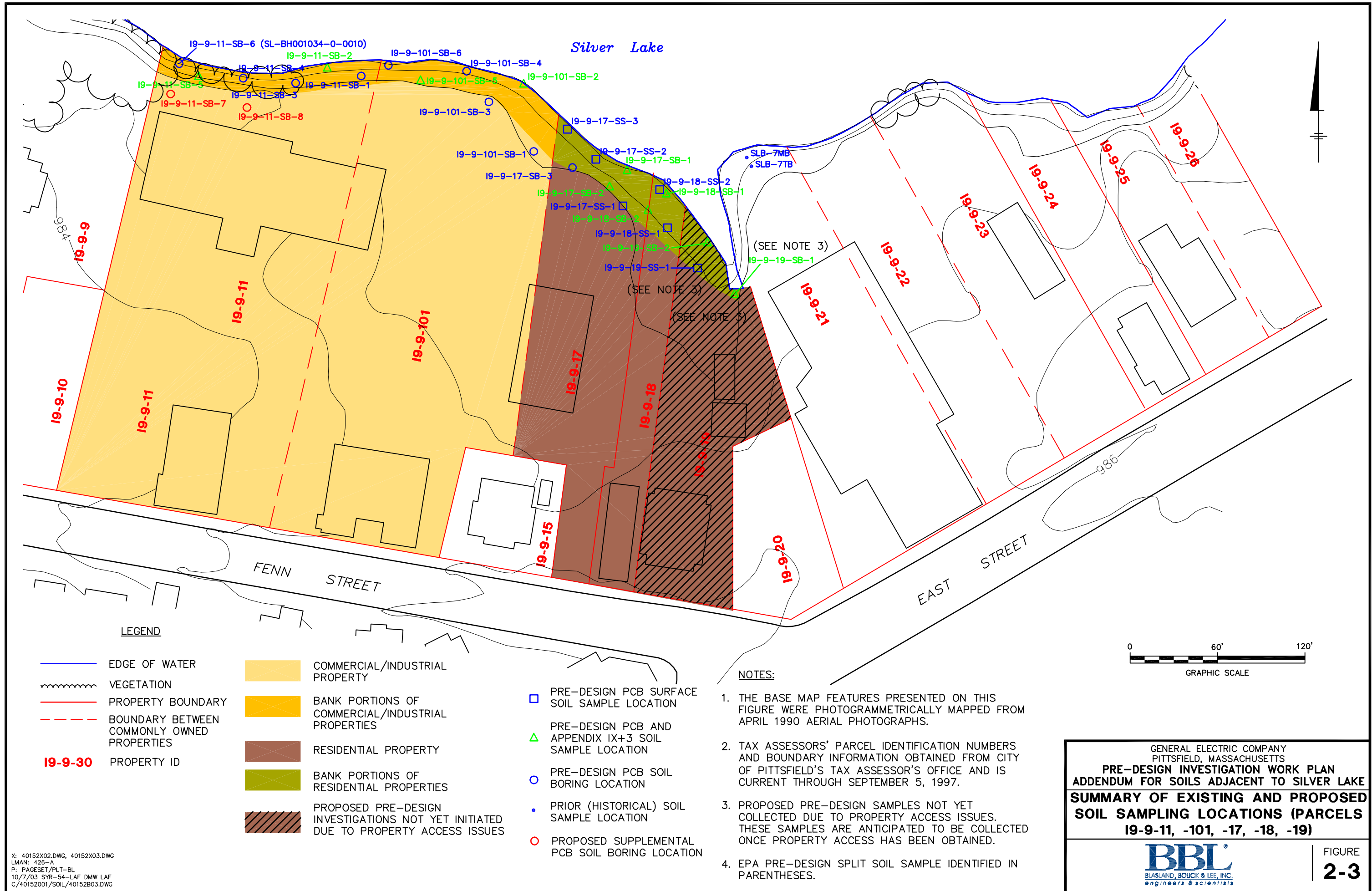


FIGURE
2-1

X: 40152X02.DWG, 40152X03.DWG
 LMAN: 426-A
 P: PAGESET/PLT-BL
 10/7/03 SYR-54-GMS LAF DMW
 C: 40152001/SOIL/40152B01.DWG



X: 40152X02.DWG, 40152X03.DWG
LMAN: 426-A
P: PAGESET/PLT-BL
10/7/03 SYR-54-GMS LAF DMW
C:/40152001/SOIL/40152B02.DWG

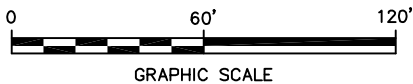


LEGEND

- | | | | | | |
|----------------|--|--|--|--|---|
| | EDGE OF WATER | | COMMERCIAL/INDUSTRIAL PROPERTY | | PRE-DESIGN PCB SURFACE SOIL SAMPLE LOCATION |
| | VEGETATION | | BANK PORTIONS OF COMMERCIAL/INDUSTRIAL PROPERTIES | | PRE-DESIGN PCB AND APPENDIX IX+3 SOIL SAMPLE LOCATION |
| | PROPERTY BOUNDARY | | RESIDENTIAL PROPERTY | | PRE-DESIGN PCB BORING LOCATION |
| | BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES | | BANK PORTIONS OF RESIDENTIAL PROPERTIES | | PRIOR (HISTORICAL) SOIL SAMPLE LOCATION |
| 19-9-30 | PROPERTY ID | | PROPOSED PRE-DESIGN INVESTIGATIONS NOT YET INITIATED DUE TO PROPERTY ACCESS ISSUES | | PROPOSED SUPPLEMENTAL PCB SOIL BORING LOCATION |

NOTES:

1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. TAX ASSESSORS' PARCEL IDENTIFICATION NUMBERS AND BOUNDARY INFORMATION OBTAINED FROM CITY OF PITTSFIELD'S TAX ASSESSOR'S OFFICE AND IS CURRENT THROUGH SEPTEMBER 5, 1997.
3. PROPOSED PRE-DESIGN SAMPLES NOT YET COLLECTED DUE TO PROPERTY ACCESS ISSUES. THESE SAMPLES ARE ANTICIPATED TO BE COLLECTED ONCE PROPERTY ACCESS HAS BEEN OBTAINED.
4. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.

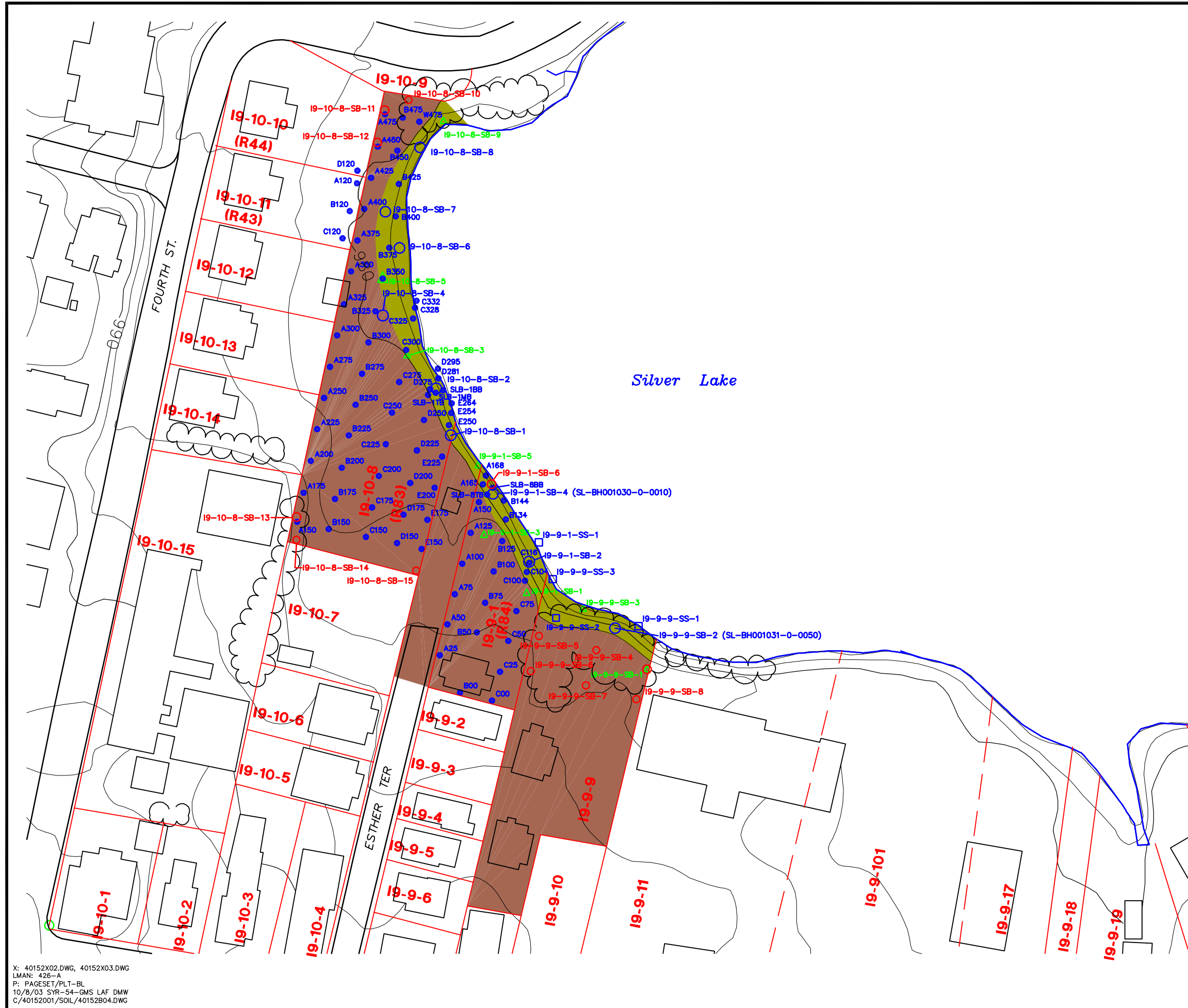


GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**PRE-DESIGN INVESTIGATION WORK PLAN
 ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**
**SUMMARY OF EXISTING AND PROPOSED
 SOIL SAMPLING LOCATIONS (PARCELS
 19-9-11, -101, -17, -18, -19)**

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

FIGURE
2-3

X: 40152X02.DWG, 40152X03.DWG
 LMAN: 426-A
 P: PAGESET/PLT-BL
 10/7/03 SYR-54-LAF DMW LAF
 C:/40152001/SOIL/40152B03.DWG



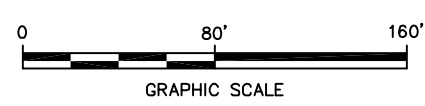
--- EDGE OF WATER
 ——— PAVED ROADWAY
 ~~~~~ VEGETATION  
 ——— PROPERTY BOUNDARY  
 - - - BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES

**19-9-101** PROPERTY ID  
**(R83)** EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER

● PRIOR (HISTORICAL) SOIL SAMPLE LOCATION  
 □ PRE-DESIGN PCB SURFACE SOIL SAMPLE LOCATION  
 ▲ PRE-DESIGN PCB AND APPENDIX IX+3 SOIL SAMPLE LOCATION  
 ○ PRE-DESIGN PCB SOIL BORING LOCATION  
 ○ PROPOSED SUPPLEMENTAL PCB SOIL BORING LOCATION

■ RESIDENTIAL PROPERTY  
 ■ BANK PORTIONS OF RESIDENTIAL PROPERTIES

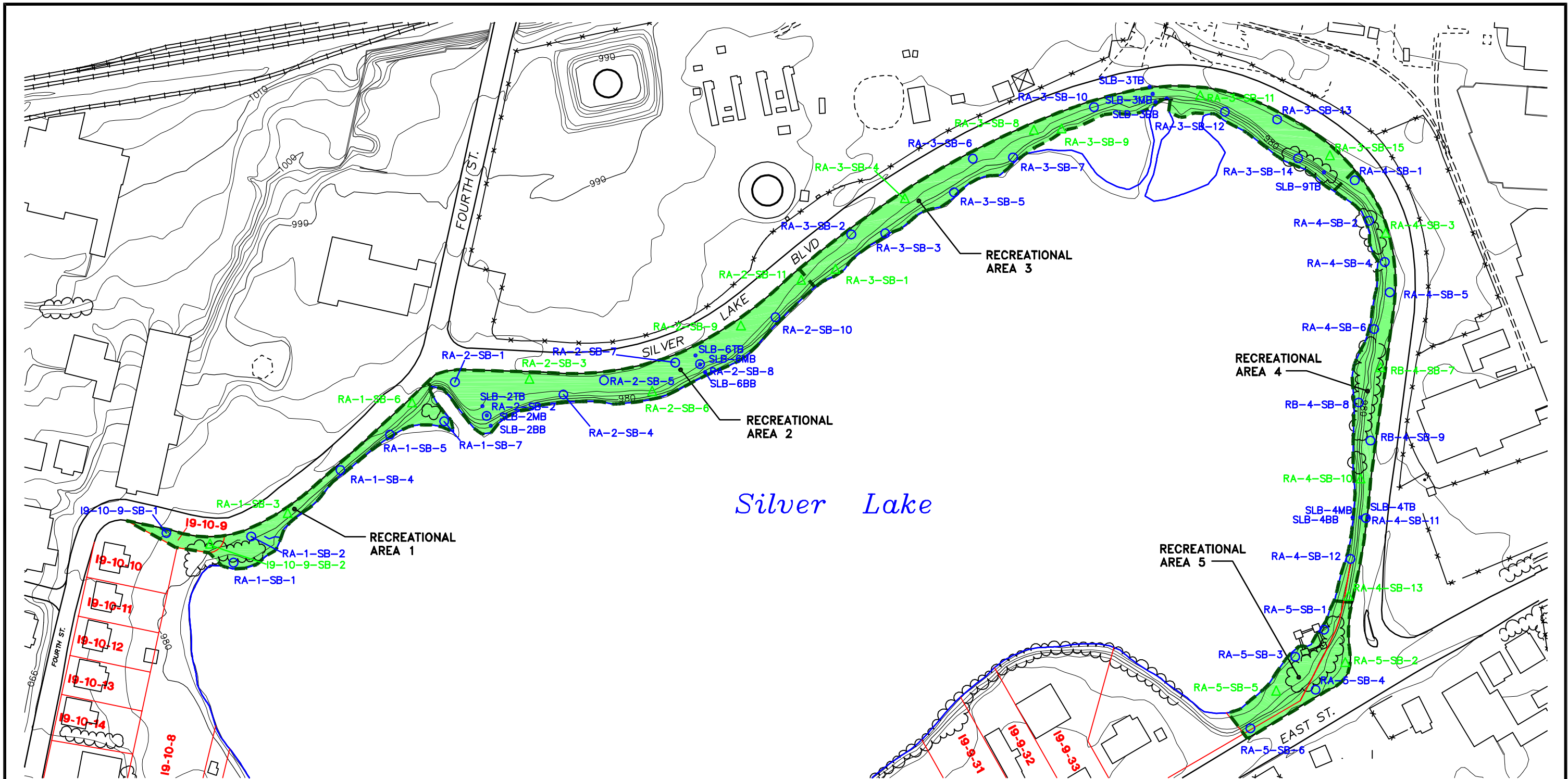
- NOTES:**
1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
  2. TAX ASSESSORS' PARCEL IDENTIFICATION NUMBERS AND BOUNDARY INFORMATION OBTAINED FROM CITY OF PITTSFIELD'S TAX ASSESSOR'S OFFICE AND IS CURRENT THROUGH SEPTEMBER 5, 1997.
  3. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.



GENERAL ELECTRIC COMPANY  
 PITTSFIELD, MASSACHUSETTS  
**PRE-DESIGN INVESTIGATION WORK PLAN**  
**ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**SUMMARY OF EXISTING AND**  
**PROPOSED SOIL SAMPLING LOCATIONS**  
**(PARCELS 19-9-1 & -9, 19-10-8)**

FIGURE  
**2-4**

X: 40152X02.DWG, 40152X03.DWG  
 LMAN: 426-A  
 P: PAGESET/PLT-BL  
 10/8/03 SYR-54-GMS LAF DMW  
 C:/40152001/SOIL/40152B04.DWG

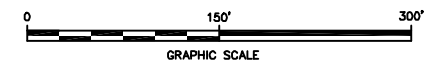


**LEGEND**

- |  |                     |  |                                                                  |
|--|---------------------|--|------------------------------------------------------------------|
|  | EDGE OF WATER       |  | RECREATIONAL AVERAGING AREA SUBJECT TO PRE-DESIGN INVESTIGATIONS |
|  | PAVED ROADWAY       |  | PRIOR (HISTORICAL) SOIL SAMPLE LOCATION                          |
|  | RAILROAD            |  | PRE-DESIGN PCB SOIL BORING LOCATION                              |
|  | VEGETATION          |  | PRE-DESIGN PCB AND APPENDIX IX+3 SOIL SAMPLE LOCATION            |
|  | TAX PARCEL BOUNDARY |  |                                                                  |
|  | TAX PARCEL ID       |  |                                                                  |

**NOTES:**

1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. TAX ASSESSORS' PARCEL IDENTIFICATION NUMBERS AND BOUNDARY INFORMATION OBTAINED FROM CITY OF PITTSFIELD'S TAX ASSESSOR'S OFFICE AND IS CURRENT THROUGH SEPTEMBER 5, 1997.



GENERAL ELECTRIC COMPANY  
 PITTSFIELD, MASSACHUSETTS  
**PRE-DESIGN INVESTIGATION WORK PLAN**  
**ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**SUMMARY OF EXISTING AND**  
**PROPOSED SOIL SAMPLING LOCATIONS**  
**(RECREATIONAL AREAS)**



FIGURE  
**2-5**

# ***Appendices***

---


# *Appendix A*

---

## **Soil Boring Logs**




|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                             |                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Date Start/Finish:</b> 6/13/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Tractor-mounted Power Probe<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533210.5<br><b>Easting:</b> 129324.9<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 11' below grade<br><b>Surface Elevation:</b> 977.5749<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-10-8-SB-1<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-10-8 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|


| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                               | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|-----------------------------------------------------------------------------------------|-------------------------------------|
| 980   |           |                   |                 |                 |                     |                 |                                                                                         |                                     |
| 0     |           | 1                 | 0-1             |                 | 0.0                 | x x x           | Dark brown SILT and fine SAND, some Organic Matter, trace coal/ash, moist. [FILL]       | Borehole backfilled with Bentonite. |
|       |           |                   |                 | 2.0             |                     | x x x           | Brown fine to medium SAND, some coal/ash, wet. [FILL]                                   |                                     |
| 975   |           | 2                 | 1-3             |                 | 0.4                 | x x x           |                                                                                         |                                     |
|       |           |                   |                 | 2.0             |                     | x x x           |                                                                                         |                                     |
| 5     |           | 3                 | 3-5             |                 | 0.8                 | x x x           | Black fine to coarse GRAVEL, some fine to medium Sand, Silt, Coal/Ash/Slag, wet. [FILL] |                                     |
|       |           |                   |                 | 2.0             |                     | x x x           |                                                                                         |                                     |
|       |           | 4                 | 5-7             |                 | 26.2                | x x x           |                                                                                         |                                     |
| 970   |           |                   |                 |                 |                     | x x x           | Gray SILT, trace Shells, wet.                                                           |                                     |
|       |           | 5                 | 7-9             |                 | 17.1                | x x x           |                                                                                         |                                     |
|       |           |                   |                 | 3.2             |                     | x x x           |                                                                                         |                                     |
| 10    |           | 6                 | 9-11            |                 | 0.0                 | x x x           |                                                                                         |                                     |
|       |           |                   |                 |                 |                     |                 |                                                                                         |                                     |
| 965   |           |                   |                 |                 |                     |                 |                                                                                         |                                     |
| 15    |           |                   |                 |                 |                     |                 |                                                                                         |                                     |

|                                                                                     |                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 1-3': PCBs; 3-5': PCBs;<br>5-7': PCBs (analysis on hold); 7-9': PCBs (analysis on hold);<br>9-11': PCBs (analysis on hold). |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                             |                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Date Start/Finish:</b> 8/7/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Tractor Mounted Power Probe<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533248.5<br><b>Easting:</b> 129313.1<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 11' below grade<br><b>Surface Elevation:</b> 976.3738<br><br><b>Descriptions By:</b> SLL | <b>Boring ID:</b> I9-10-8-SB-2 (Re-drill)<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-10-8 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|

| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                     | Stratigraphic Description                       | Boring Construction                                                                                                         |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 0     |           |                   |                 |                 |                     |                                                                                     | Pre-probe to 7' bgs.                            |                                                                                                                             |
| 975   |           |                   |                 |                 |                     |                                                                                     |                                                 | <br>Borehole backfilled with Bentonite. |
| 5     |           |                   |                 |                 |                     |                                                                                     | Brown PEAT, some Silt, wet.                     |                                                                                                                             |
| 970   |           | 1                 | 7-9             | 2.6             | 0.0                 |  | Tan SILT and CLAY, little Sand and Shells, wet. |                                                                                                                             |
| 10    |           | 2                 | 9-11            |                 | 0.0                 |  |                                                 |                                                                                                                             |
| 965   |           |                   |                 |                 |                     |                                                                                     |                                                 |                                                                                                                             |
| 15    |           |                   |                 |                 |                     |                                                                                     |                                                 |                                                                                                                             |

|                                                                                     |                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 7-9': PCBs; 9-11': PCBs (analysis on hold);<br>Duplicate sample ID: SL-Dup-20 (PCBs, 7-9');<br>MS/MSD collected (PCBs, 9-11'). |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                             |                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Date Start/Finish:</b> 6/13/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Tractor-mounted Power Probe<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533274.8<br><b>Easting:</b> 129289.7<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 11' below grade<br><b>Surface Elevation:</b> 979.8352<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-10-8-SB-3<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-10-8 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                               | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|-----------------------------------------------------------------------------------------|-------------------------------------|
| 0     | 980       | 1                 | 0-1             | 2.1             | 0.0                 |                 | Dark brown SILT and fine SAND, some Organic Matter, trace fine to medium gravel, moist. | Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.0                 |                 | Brown fine SAND, some Silt and fine Sand, little fine to medium gravel, wet.            |                                     |
|       |           | 3                 | 3-5             | 2.8             | 0.2                 |                 | Gray fine SAND, some Silt and fine to coarse Gravel, Coal/Ash. [FILL]                   |                                     |
| 5     | 975       | 4                 | 5-7             |                 | 0.4                 |                 |                                                                                         |                                     |
|       |           | 5                 | 7-9             | 2.4             | 0.8                 |                 |                                                                                         |                                     |
| 10    | 970       | 6                 | 9-11            |                 | 0.0                 |                 | Gray SILT, trace Shells, wet.                                                           |                                     |
| 15    | 965       |                   |                 |                 |                     |                 |                                                                                         |                                     |

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| <br><b>BBL</b><br>BLASLAND, BOUCK & LEE, INC.<br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>3-5': PCBs; 5-7': PCBs (analysis on hold); 7-9': PCBs (analysis on hold);<br>9-11': PCBs (analysis on hold). |
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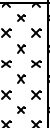

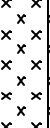
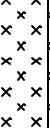



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| <b>Date Start/Finish:</b> 6/13/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Tractor-mounted Power Probe<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533307.4<br><b>Easting:</b> 129270.0<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 11' below grade<br><b>Surface Elevation:</b> 978.1298<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-10-8-SB-4<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-10-8 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                  | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|----------------------------------------------------------------------------|-------------------------------------|
| 980   |           |                   |                 |                 |                     |                 |                                                                            |                                     |
| 0     |           | 1                 | 0-1             | 2.6             | 0.0                 |                 | Dark brown fine SAND and SILT, some Organic Matter, moist.                 | Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 0.6             | 0.6                 |                 | Gray fine SAND and SILT, some Coal/Ash, moist. [FILL]                      |                                     |
| 975   |           | 3                 | 3-5             | 2.5             | 0.2                 |                 | Gray fine SAND, some Silt, fine to coarse Gravel and Coal/Ash, wet. [FILL] |                                     |
| 5     |           | 4                 | 5-7             | 0.0             | 0.0                 |                 |                                                                            |                                     |
| 970   |           | 5                 | 7-9             | 2.4             | 0.0                 |                 |                                                                            |                                     |
| 10    |           | 6                 | 9-11            | 0.0             | 0.0                 |                 | Gray SILT, trace Shells, wet.                                              |                                     |
| 965   |           |                   |                 |                 |                     |                 |                                                                            |                                     |
| 15    |           |                   |                 |                 |                     |                 |                                                                            |                                     |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 1-3': PCBs; 3-5': PCBs; 5-7': PCBs (analysis on hold);<br>7-9': PCBs (analysis on hold); 9-11': PCBs (analysis on hold). |
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| <b>Date Start/Finish:</b> 6/13/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Tractor-mounted Power Probe<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533337.1<br><b>Easting:</b> 129270.0<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 11' below grade<br><b>Surface Elevation:</b> 977.7171<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-10-8-SB-5<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-10-8 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                     | Stratigraphic Description                                                                    | Boring Construction                                                                                                         |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 980   |           |                   |                 |                 |                     |                                                                                     |                                                                                              |                                                                                                                             |
| 0     |           | 1                 | 0-1             | 2.7             | 0.0                 |    | Dark brown fine SAND and SILT, some Organic Matter.                                          | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 0.4             | 0.4                 |    | Brown fine to medium SAND, some Silt, little fine to medium gravel, coal/ash, moist. [FILL]  |                                                                                                                             |
| 975   |           | 3                 | 3-5             | 14.2            | 14.2                |   | Gray-black fine to medium SAND, little Silt, fine to coarse Gravel and Coal/Ash, wet. [FILL] |                                                                                                                             |
| 5     |           | 4                 | 5-7             | 20.7            | 20.7                |  | COAL/ASH, wet. [FILL]                                                                        |                                                                                                                             |
| 970   |           | 5                 | 7-9             | 11.2            | 11.2                |  |                                                                                              |                                                                                                                             |
| 10    |           | 6                 | 9-11            | 11.8            | 11.8                |  |                                                                                              |                                                                                                                             |
| 965   |           |                   |                 |                 |                     |                                                                                     |                                                                                              |                                                                                                                             |
| 15    |           |                   |                 |                 |                     |                                                                                     |                                                                                              |                                                                                                                             |



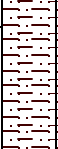
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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs; 3-5': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>5-7': PCBs (analysis on hold); 7-9': PCBs (analysis on hold);<br>9-11': PCBs (analysis on hold). |
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| <b>Date Start/Finish:</b> 6/16/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Electric Jack Hammer<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533362.0<br><b>Easting:</b> 129283.4<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 11' below grade<br><b>Surface Elevation:</b> 976.2196<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-10-8-SB-6<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-10-8 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                                              | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|--------------------------------------------------------------------------------------------------------|-------------------------------------|
| 0     |           |                   |                 |                 |                     |                 |                                                                                                        |                                     |
| 975   |           | 1                 | 0-1             | 1.7             | 42.0                |                 | Dark brown-black fine to coarse SAND, some Silt and Organic Matter, little fine to medium Gravel, wet. | Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 50.8                |                 |                                                                                                        |                                     |
|       |           | 3                 | 3-5             | 2.0             | 24.2                |                 | Same as above, trace Slag and Porcelain.                                                               |                                     |
| 5     |           |                   |                 |                 |                     |                 |                                                                                                        |                                     |
| 970   |           | 4                 | 5-7             | 3.1             | 10.9                |                 | Brown PEAT, wet.                                                                                       |                                     |
|       |           | 5                 | 7-9             |                 | 0.0                 |                 |                                                                                                        |                                     |
|       |           |                   |                 |                 |                     |                 |                                                                                                        |                                     |
| 10    |           | 6                 | 9-11            | 0.0             |                     |                 | Gray SILT, trace Shells, wet. [MARL]                                                                   |                                     |
| 965   |           |                   |                 |                 |                     |                 |                                                                                                        |                                     |
|       |           |                   |                 |                 |                     |                 |                                                                                                        |                                     |
| 15    |           |                   |                 |                 |                     |                 |                                                                                                        |                                     |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs; 3-5': PCBs; 5-7': PCBs (analysis on hold);<br>7-9': PCBs (analysis on hold); 9-11': PCBs (analysis on hold). |
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| <b>Date Start/Finish:</b> 8/7/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Tractor Mounted Power Probe<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533362.0<br><b>Easting:</b> 129283.4<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 11' below grade<br><b>Surface Elevation:</b> 976.2196<br><br><b>Descriptions By:</b> SLL | <b>Boring ID:</b> I9-10-8-SB-6 (Re-drill)<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-10-8 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                     | Stratigraphic Description                                           | Boring Construction                                                                                                         |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 0     |           |                   |                 |                 |                     |                                                                                     | Pre-probe to 7' bgs.                                                |                                                                                                                             |
| 975   |           |                   |                 |                 |                     |                                                                                     |                                                                     | <br>Borehole backfilled with Bentonite. |
| 5     |           |                   |                 |                 |                     |                                                                                     |                                                                     |                                                                                                                             |
| 970   |           | 1                 | 7-9             | 2.2             | 0.0                 |  | Borwn PEAT and SILT, wet.                                           |                                                                                                                             |
| 10    |           | 2                 | 9-11            | 0.0             | 0.0                 |  | Light brown SILT, some Peat and Organic Matter, little Shells, wet. |                                                                                                                             |
| 965   |           |                   |                 |                 |                     |                                                                                     |                                                                     |                                                                                                                             |
| 15    |           |                   |                 |                 |                     |                                                                                     |                                                                     |                                                                                                                             |

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| <br><b>BBL</b><br>BLASLAND, BOUCK & LEE, INC.<br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 7-9': PCBs; 9-11': PCBs (analysis on hold). |
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| <b>Date Start/Finish:</b> 6/16/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Electric Jack Hammer<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533443.3<br><b>Easting:</b> 129300.1<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 11' below grade<br><b>Surface Elevation:</b> 976.3537<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-10-8-SB-8<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-10-8 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                     | Stratigraphic Description            | Boring Construction                                                                                                         |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-------------------------------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 0     |           |                   |                 |                 |                     |                                                                                     | Pre-probe to 7' bgs.                 |                                                                                                                             |
| 975   |           |                   |                 |                 |                     |                                                                                     |                                      | <br>Borehole backfilled with Bentonite. |
| 5     |           |                   |                 |                 |                     |                                                                                     |                                      |                                                                                                                             |
| 970   |           | 1                 | 7-9             | 3.1             | 0.0                 |  | Gray-black fine to coarse SAND, wet. |                                                                                                                             |
|       |           |                   |                 |                 |                     |  | Brown PEAT, wet.                     |                                                                                                                             |
| 10    |           | 2                 | 9-11            |                 | 0.0                 |  | Gray SILT, trace Shells. [MARL]      |                                                                                                                             |
| 965   |           |                   |                 |                 |                     |                                                                                     |                                      |                                                                                                                             |
| 15    |           |                   |                 |                 |                     |                                                                                     |                                      |                                                                                                                             |

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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 7-9': PCBs; 9-11': PCBs (analysis on hold). |
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| <b>Date Start/Finish:</b> 6/16/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Electric Jack Hammer<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533464.1<br><b>Easting:</b> 129319.1<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 11' below grade<br><b>Surface Elevation:</b> 976.1026<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-10-8-SB-9<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-10-8 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                                          | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|----------------------------------------------------------------------------------------------------|-------------------------------------|
| 0     |           |                   |                 |                 |                     |                 |                                                                                                    |                                     |
| 975   |           | 1                 | 0-1             | 2.1             | 0.9                 |                 | Black SILT, some Organic Matter, little fine to medium Gravel, wet, slight petroleum odor.         | Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 2.1             | 2.7                 |                 | Gray-black fine to coarse SAND, little Silt and fine to medium Gravel, wet, slight petroleum odor. |                                     |
|       |           | 3                 | 3-5             | 3.5             | 0.8                 |                 | Gray-black fine to coarse SAND, some Silt, wet.                                                    |                                     |
| 5     |           | 4                 | 5-7             | 3.5             | 0.0                 |                 | Gray-black fine to coarse SAND, some Silt, wet.                                                    |                                     |
| 970   |           | 5                 | 7-9             | 3.8             | 0.0                 |                 | Gray-black fine to medium SAND, some Silt and coarse Sand, wet.                                    |                                     |
|       |           | 6                 | 9-11            | 3.8             | 0.0                 |                 | Gray-black fine to medium SAND, some Silt and coarse Sand, wet.                                    |                                     |
| 10    |           |                   |                 |                 |                     |                 |                                                                                                    |                                     |
| 965   |           |                   |                 |                 |                     |                 |                                                                                                    |                                     |
|       |           |                   |                 |                 |                     |                 |                                                                                                    |                                     |
| 15    |           |                   |                 |                 |                     |                 |                                                                                                    |                                     |

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| <br><b>BBL</b><br>BLASLAND, BOUCK & LEE, INC.<br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF; 3-5': PCBs;<br>5-7': PCBs (analysis on hold); 7-9': PCBs (analysis on hold); 9-11':<br>PCBs (analysis on hold); Duplicate sample ID: SL-Dup-8 (PCBs, VOCs, SVOCs,<br>Inorganics, PCDD/PCDF; 0-1); MS/MSD collected (1-3'). |
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| <b>Date Start/Finish:</b> 6/9/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Slide Hammer<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533510.4<br><b>Easting:</b> 129255.1<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 980.8221<br><br><b>Descriptions By:</b> SLL | <b>Boring ID:</b> I9-10-9-SB-1<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 1 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                                                                                                                                                             | Boring Construction |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 0     | 980       | 1                 | 0-1             | 1.6             | 0.4                 |                 | Dark brown fine SAND and SILT, little coarse to medium Sand, trace fine Gravel and Roots, moist.<br><br>Dark brown fine to medium SAND, little Silt, coarse Sand and fine Gravel, trace Slag, Brick and Roots, moist. |                     |
| 5     | 975       |                   |                 |                 |                     |                 |                                                                                                                                                                                                                       |                     |
| 10    | 970       |                   |                 |                 |                     |                 |                                                                                                                                                                                                                       |                     |
| 15    | 965       |                   |                 |                 |                     |                 |                                                                                                                                                                                                                       |                     |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs;<br>Duplicate sample ID: I9-10-9-SB-Dup-1 (PCBs, 0-1');<br>MS/MSD collected (PCBs, 1-3'). |
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| <b>Date Start/Finish:</b> 6/9/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Slide Hammer<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533492.3<br><b>Easting:</b> 129320.7<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 979.0689<br><br><b>Descriptions By:</b> SLL | <b>Boring ID:</b> I9-10-9-SB-2<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 1 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                                        | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 980   |           |                   |                 |                 |                     |                 |                                                                                                  |                                                                                                                         |
| 0     |           | 1                 | 0-1             | 0.4             |                     |                 | Dark brown fine SAND and SILT, little coarse to medium Sand, trace fine Gravel and Roots, moist. |  Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 1.5<br>0.7      |                     |                 |                                                                                                  |                                                                                                                         |
| 975   |           |                   |                 |                 |                     |                 |                                                                                                  |                                                                                                                         |
| 5     |           |                   |                 |                 |                     |                 |                                                                                                  |                                                                                                                         |
| 970   |           |                   |                 |                 |                     |                 |                                                                                                  |                                                                                                                         |
| 10    |           |                   |                 |                 |                     |                 |                                                                                                  |                                                                                                                         |
| 965   |           |                   |                 |                 |                     |                 |                                                                                                  |                                                                                                                         |
| 15    |           |                   |                 |                 |                     |                 |                                                                                                  |                                                                                                                         |

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| <br><b>BBL</b><br>BLASLAND, BOUCK & LEE, INC.<br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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| <b>Date Start/Finish:</b> 6/24/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 532973.6<br><b>Easting:</b> 129745.2<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 978.4547<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-101-SB-1<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-101 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                          | Boring Construction |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|------------------------------------------------------------------------------------|---------------------|
| 980   |           |                   |                 |                 |                     |                 |                                                                                    |                     |
| 0     |           | 1                 | 0-1             |                 | 0.0                 |                 | Brown SILT and fine SAND, little Organic Matter.                                   |                     |
|       |           | 2                 | 1-3             | 2.8             | 0.0                 |                 | Brown SILT and fine SAND, some fine to medium Gravel, trace Organic Matter, moist. |                     |
| 975   |           |                   |                 |                 |                     |                 |                                                                                    |                     |
| 5     |           |                   |                 |                 |                     |                 |                                                                                    |                     |
|       |           |                   |                 |                 |                     |                 |                                                                                    |                     |
| 970   |           |                   |                 |                 |                     |                 |                                                                                    |                     |
| 10    |           |                   |                 |                 |                     |                 |                                                                                    |                     |
|       |           |                   |                 |                 |                     |                 |                                                                                    |                     |
| 965   |           |                   |                 |                 |                     |                 |                                                                                    |                     |
| 15    |           |                   |                 |                 |                     |                 |                                                                                    |                     |

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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/24/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533019.4<br><b>Easting:</b> 129738.2<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 976.6555<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-101-SB-2<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-101 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                   | Boring Construction |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|-----------------------------------------------------------------------------|---------------------|
| 0     |           | 1                 | 0-1             | 2.4             | 0.0                 |                 | Brown SILT and fine SAND, some fine to medium Gravel, trace Organic Matter. |                     |
| 975   |           | 2                 | 1-3             | 0.0             | 0.0                 |                 | Same as above, little Coal/Ash. [FILL]                                      |                     |
| 5     |           |                   |                 |                 |                     |                 |                                                                             |                     |
| 970   |           |                   |                 |                 |                     |                 |                                                                             |                     |
| 10    |           |                   |                 |                 |                     |                 |                                                                             |                     |
| 965   |           |                   |                 |                 |                     |                 |                                                                             |                     |
| 15    |           |                   |                 |                 |                     |                 |                                                                             |                     |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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| <b>Date Start/Finish:</b> 6/24/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533007.6<br><b>Easting:</b> 129714.3<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 978.837<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-101-SB-3<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-101 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                          | Stratigraphic Description                                                                                           | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| 980   |           |                   |                 |                 |                     |                                                          |                                                                                                                     |                                     |
| 0     |           | 1                 | 0-1             | 1.8             | 0.0                 | x<br>x<br>x<br>x<br>x<br>x<br>x<br>x<br>x<br>x<br>x<br>x | Dark brown SILT and fine SAND, some fine to coarse Gravel, little Brick, Slag and Ash, trace Organic Matter, moist. | Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.0                 |                                                          |                                                                                                                     |                                     |
| 975   |           |                   |                 |                 |                     |                                                          |                                                                                                                     |                                     |
| 5     |           |                   |                 |                 |                     |                                                          |                                                                                                                     |                                     |
| 970   |           |                   |                 |                 |                     |                                                          |                                                                                                                     |                                     |
| 10    |           |                   |                 |                 |                     |                                                          |                                                                                                                     |                                     |
| 965   |           |                   |                 |                 |                     |                                                          |                                                                                                                     |                                     |
| 15    |           |                   |                 |                 |                     |                                                          |                                                                                                                     |                                     |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/24/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533028.7<br><b>Easting:</b> 129699.1<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 977.2094<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-101-SB-4<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-101 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                             | Stratigraphic Description                                                                                           | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| 980   |           |                   |                 |                 |                     |                                                             |                                                                                                                     |                                     |
| 0     |           | 1                 | 0-1             | 2.2             | 0.0                 | x x x<br>x x x<br>x x x<br>x x x<br>x x x<br>x x x<br>x x x | Dark brown SILT and fine SAND, some fine to coarse Gravel, Brick and Concrete, wet. [FILL]<br>Same as above, moist. | Borehole backfilled with Bentonite. |
| 975   |           | 2                 | 1-3             |                 | 0.0                 |                                                             |                                                                                                                     |                                     |
| 5     |           |                   |                 |                 |                     |                                                             |                                                                                                                     |                                     |
| 970   |           |                   |                 |                 |                     |                                                             |                                                                                                                     |                                     |
| 10    |           |                   |                 |                 |                     |                                                             |                                                                                                                     |                                     |
| 965   |           |                   |                 |                 |                     |                                                             |                                                                                                                     |                                     |
| 15    |           |                   |                 |                 |                     |                                                             |                                                                                                                     |                                     |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/24/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533021.8<br><b>Easting:</b> 129667.5<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 979.2721<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-101-SB-5<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-101 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                                                                                        | Boring Construction |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 980   |           |                   |                 |                 |                     |                 |                                                                                                                                                  |                     |
| 0     |           | 1                 | 0-1             | 1.7             | 0.0                 |                 | Brown SILT and fine SAND, some Organic Matter, trace fine Gravel.<br>Brown fine SAND, some Silt and fine to medium Gravel, trace Organic Matter. |                     |
|       |           | 2                 | 1-3             |                 | 0.0                 |                 |                                                                                                                                                  |                     |
| 975   |           |                   |                 |                 |                     |                 |                                                                                                                                                  |                     |
| 5     |           |                   |                 |                 |                     |                 |                                                                                                                                                  |                     |
| 970   |           |                   |                 |                 |                     |                 |                                                                                                                                                  |                     |
| 10    |           |                   |                 |                 |                     |                 |                                                                                                                                                  |                     |
| 965   |           |                   |                 |                 |                     |                 |                                                                                                                                                  |                     |
| 15    |           |                   |                 |                 |                     |                 |                                                                                                                                                  |                     |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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| <b>Date Start/Finish:</b> 6/24/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533025.3<br><b>Easting:</b> 129626.8<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 979.3416<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-11-SB-1<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-11 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                   | Boring Construction |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|-------------------------------------------------------------|---------------------|
| 980   |           |                   |                 |                 |                     |                 |                                                             |                     |
| 0     |           | 1                 | 0-1             | 1.6             | 0.0                 |                 | Brown fine SAND and SILT, some Organic Matter, trace Brick. |                     |
|       |           | 2                 | 1-3             |                 | 0.0                 |                 |                                                             |                     |
| 975   |           |                   |                 |                 |                     |                 |                                                             |                     |
| 5     |           |                   |                 |                 |                     |                 |                                                             |                     |
| 970   |           |                   |                 |                 |                     |                 |                                                             |                     |
| 10    |           |                   |                 |                 |                     |                 |                                                             |                     |
| 965   |           |                   |                 |                 |                     |                 |                                                             |                     |
| 15    |           |                   |                 |                 |                     |                 |                                                             |                     |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/24/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533030.6<br><b>Easting:</b> 129603.5<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 979.0479<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-11-SB-2<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-11 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                          | Stratigraphic Description                                                                                   | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------|
| 980   |           |                   |                 |                 |                     |                                                          |                                                                                                             |                                     |
| 0     |           | 1                 | 0-1             | 1.6             | 0.0                 | x<br>x<br>x<br>x<br>x<br>x<br>x<br>x<br>x<br>x<br>x<br>x | Brown fine SAND and SILT, some Brick, Coal, Ash, little fine to medium Gravel, trace Organic Matter. [FILL] | Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.0                 |                                                          |                                                                                                             |                                     |
| 975   |           |                   |                 |                 |                     |                                                          |                                                                                                             |                                     |
| 5     |           |                   |                 |                 |                     |                                                          |                                                                                                             |                                     |
| 970   |           |                   |                 |                 |                     |                                                          |                                                                                                             |                                     |
| 10    |           |                   |                 |                 |                     |                                                          |                                                                                                             |                                     |
| 965   |           |                   |                 |                 |                     |                                                          |                                                                                                             |                                     |
| 15    |           |                   |                 |                 |                     |                                                          |                                                                                                             |                                     |




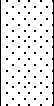
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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>MS/MSD collected (1-3'). |
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| <b>Date Start/Finish:</b> 6/24/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533020.5<br><b>Easting:</b> 129.581.7<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 979.8301<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-11-SB-3<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-11 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headpace (ppm) | Geologic Column | Stratigraphic Description                                                                       | Boring Construction |
|-------|-----------|-------------------|-----------------|-----------------|--------------------|-----------------|-------------------------------------------------------------------------------------------------|---------------------|
| 0     | 980       | 1                 | 0-1             | 2.0             | 0.0                |                 | Brown fine SAND and SILT, some Organic Matter, trace Brick.                                     |                     |
|       |           | 2                 | 1-3             | 0.0             | 0.0                |                 | Pulverized BRICK.<br>Brown fine SAND, some Silt, little fine to medium Gravel and Brick. [FILL] |                     |
| 5     | 975       |                   |                 |                 |                    |                 |                                                                                                 |                     |
| 10    | 970       |                   |                 |                 |                    |                 |                                                                                                 |                     |
| 15    | 965       |                   |                 |                 |                    |                 |                                                                                                 |                     |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/24/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533023.9<br><b>Easting:</b> 129545.8<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 977.2895<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-11-SB-4<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-11 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                               | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 980   |           |                   |                 |                 |                     |                                                                                   |                                                                         |                                                                                                                         |
| 0     |           | 1                 | 0-1             |                 | 0.0                 |  | Brown fine SAND, some Silt, fine to medium Gravel and Organic Matter.   |  Borehole backfilled with Bentonite. |
|       |           |                   |                 | 1.9             |                     |  | Light brown fine SAND, some Silt and Organic Matter, trace fine Gravel. |                                                                                                                         |
| 975   |           | 2                 | 1-3             |                 | 0.0                 |  |                                                                         |                                                                                                                         |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                         |                                                                                                                         |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                                         |                                                                                                                         |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                         |                                                                                                                         |
| 965   |           |                   |                 |                 |                     |                                                                                   |                                                                         |                                                                                                                         |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                         |                                                                                                                         |



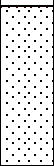
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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/24/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533024.7<br><b>Easting:</b> 129515.2<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 981.4534<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-11-SB-5<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-11 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                             | Boring Construction                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|---------------------------------------------------------------------------------------|-----------------------------------------|
| 0     |           |                   |                 |                 |                     |                 |                                                                                       |                                         |
| 980   |           | 1                 | 0-1             | 1.8             | 0.0                 |                 | Brown fine SAND and SILT, little Organic Matter, trace Brick.<br>Pulverized CONCRETE. | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.0                 |                 | Brown fine SAND and SILT, some Concrete and Brick, trace Organic Matter. [FILL]       |                                         |
| 5     |           |                   |                 |                 |                     |                 |                                                                                       |                                         |
| 975   |           |                   |                 |                 |                     |                 |                                                                                       |                                         |
| 10    |           |                   |                 |                 |                     |                 |                                                                                       |                                         |
| 970   |           |                   |                 |                 |                     |                 |                                                                                       |                                         |
| 15    |           |                   |                 |                 |                     |                 |                                                                                       |                                         |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>Duplicate sample ID: SL-Dup-12 (PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF; 1-3'). |
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|                                                                                                                                                                                                                                       |                                                                                                                                                                                                            |                                                                                                                                  |
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| <b>Date Start/Finish:</b> 6/24/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533033.9<br><b>Easting:</b> 129501.8<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 975.8654<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-11-SB-6<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-11 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                                                                          | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 0     |           |                   |                 |                 |                     |                                                                                   |                                                                                                                    |                                                                                                                         |
| 975   |           | 1                 | 0-1             | 1.6             | 0.4                 |  | Brown fine SAND and SILT, some Organic Matter, wet.                                                                |  Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.8                 |  | Black fine to coarse SAND, some Silt and Organic Matter, little fine to medium Gravel, wet, slight petroleum odor. |                                                                                                                         |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                                                                    |                                                                                                                         |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                                                                                    |                                                                                                                         |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                                                                    |                                                                                                                         |
| 965   |           |                   |                 |                 |                     |                                                                                   |                                                                                                                    |                                                                                                                         |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                                                                    |                                                                                                                         |
| 960   |           |                   |                 |                 |                     |                                                                                   |                                                                                                                    |                                                                                                                         |

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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs.<br>EPA split ID: SL-BH001034-0-0010 (PCBs, 1-3'). |
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|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                             |                                                                                                                                  |
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| <b>Date Start/Finish:</b> 6/25/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Tractor Mounted Power Probe<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 532960.2<br><b>Easting:</b> 129809.2<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 11' below grade<br><b>Surface Elevation:</b> 977.4087<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-17-SB-1<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-17 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                                   | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|---------------------------------------------------------------------------------------------|-------------------------------------|
| 980   |           |                   |                 |                 |                     |                 |                                                                                             |                                     |
| 0     |           | 1                 | 0-1             |                 | 0.0                 |                 | Brown fine SAND and SILT, some Organic Matter, moist.                                       | Borehole backfilled with Bentonite. |
|       |           |                   |                 | 2.1             |                     |                 | Same as above, some fin to medium Gravel, Coal/Ash. [FILL]                                  |                                     |
| 975   |           | 2                 | 1-3             |                 | 0.0                 |                 |                                                                                             |                                     |
|       |           |                   |                 | 2.0             |                     |                 | Black SILT, some fine to coarse Sand and fine to coarse Gravel, slight petroleum odor, wet. |                                     |
| 5     |           | 3                 | 3-5             |                 | 0.2                 |                 |                                                                                             |                                     |
|       |           |                   |                 | 0.6             |                     |                 |                                                                                             |                                     |
|       |           | 4                 | 5-7             |                 | 0.6                 |                 |                                                                                             |                                     |
| 970   |           | 5                 | 7-9             |                 | 1.1                 |                 | Same as above, little coal/ash, wet. [FILL]                                                 |                                     |
|       |           |                   |                 | 2.0             |                     |                 |                                                                                             |                                     |
| 10    |           | 6                 | 9-11            |                 | 1.4                 |                 |                                                                                             |                                     |
|       |           |                   |                 |                 |                     |                 |                                                                                             |                                     |
| 965   |           |                   |                 |                 |                     |                 |                                                                                             |                                     |
|       |           |                   |                 |                 |                     |                 |                                                                                             |                                     |
| 15    |           |                   |                 |                 |                     |                 |                                                                                             |                                     |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>3-5': PCBs; 5-7': PCBs (analysis on hold); 7-9': PCBs (analysis on hold);<br>9-11': PCBs (analysis on hold). |
|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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| <b>Date Start/Finish:</b> 6/25/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Tractor Mounted Power Probe<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 532948.9<br><b>Easting:</b> 129797.3<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 11' below grade<br><b>Surface Elevation:</b> 979.5457<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-17-SB-2<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-17 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                 | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|---------------------------------------------------------------------------|-------------------------------------|
| 980   | 0         | 1                 | 0-1             | 2.5             | 0.0                 |                 | Light brown fine SAND, trace Organic Matter.                              | Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 0.0             | 0.0                 |                 | Brown fine SAND and SILT, little fine to medium Gravel, moist.            |                                     |
|       |           |                   |                 |                 |                     |                 | COAL/ASH, moist. [FILL]                                                   |                                     |
| 975   | 5         | 3                 | 3-5             | 0.4             | 0.4                 |                 | Gray-black SILT, some fine to coarse Sand and fine to coarse Gravel, wet. |                                     |
|       |           | 4                 | 5-7             | 0.2             | 0.2                 |                 |                                                                           |                                     |
|       |           | 5                 | 7-9             | 2.0             | 0.2                 |                 | Gray-black coarse to fine SAND, some Silt and fine to coarse Gravel, wet. |                                     |
| 970   | 10        | 6                 | 9-11            | 0.4             | 0.4                 |                 |                                                                           |                                     |
| 965   | 15        |                   |                 |                 |                     |                 |                                                                           |                                     |

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|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs; 3-5': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>5-7': PCBs (analysis on hold); 7-9': PCBs (analysis on hold);<br>9-11': PCBs (analysis on hold). |
|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



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| <b>Date Start/Finish:</b> 6/25/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Tractor Mounted Power Probe<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 532962.6<br><b>Easting:</b> 129771.6<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 11' below grade<br><b>Surface Elevation:</b> 979.7651<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-17-SB-3<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-17 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                             | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|---------------------------------------------------------------------------------------|-------------------------------------|
| 0     | 980       | 1                 | 0-1             | 0.8             |                     |                 | Brown fine SAND and SILT, some fine to medium Gravel, trace Brick and Organic Matter. | Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 2.8             | 0.6                 |                 | Black coarse to fine SAND, some fine to coarse Gravel and Brick. [FILL]               |                                     |
|       |           | 3                 | 3-5             | 2.6             | 0.2                 |                 | Black fine to coarse SAND, some Silt, trace Slag, moist. [FILL]                       |                                     |
| 5     | 975       | 4                 | 5-7             | 2.0             | 0.2                 |                 | Same as above, little coal, ash, wet.                                                 |                                     |
|       |           | 5                 | 7-9             | 2.0             | 0.0                 |                 | Black SILT and fine SAND, some Organic Matter, wet.                                   |                                     |
| 10    | 970       | 6                 | 9-11            | 2.0             | 0.0                 |                 |                                                                                       |                                     |
| 15    | 965       |                   |                 |                 |                     |                 |                                                                                       |                                     |

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| <br><b>BBL</b><br>BLASLAND, BOUCK & LEE, INC.<br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs; 3-5': PCBs;<br>5-7': PCBs (analysis on hold); 7-9': PCBs (analysis on hold);<br>9-11': PCBs (analysis on hold); Duplicate sample ID:<br>SL-Dup-14 (PCBs, 1-3'); MS/MSD collected (PCBs, 0-1'). |
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| <b>Date Start/Finish:</b> 6/25/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 2' Macrocore | <b>Northing:</b> 532936.1<br><b>Easting:</b> 129806.4<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 1' below grade<br><b>Surface Elevation:</b> 979.3951<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-17-SS-1<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-17 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                                         | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 980   |           |                   |                 |                 |                     |                                                                                   |                                                                                   |                                                                                                                         |
| 0     |           | 1                 | 0-1             | 1.0             | 0.0                 |  | Brown fine to medium SAND, little Silt, fine to medium Gravel and Organic Matter. |  Borehole backfilled with Bentonite. |
| 975   |           |                   |                 |                 |                     |                                                                                   |                                                                                   |                                                                                                                         |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                                   |                                                                                                                         |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                                                   |                                                                                                                         |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                                   |                                                                                                                         |
| 965   |           |                   |                 |                 |                     |                                                                                   |                                                                                   |                                                                                                                         |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                                   |                                                                                                                         |

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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs;<br>MS/MSD collected (PCBs, 0-1'). |
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| <b>Date Start/Finish:</b> 6/25/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 2' Macrocore | <b>Northing:</b> 532968.1<br><b>Easting:</b> 129787.9<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 1' below grade<br><b>Surface Elevation:</b> 976.6822<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-17-SS-2<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-17 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                                             | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 0     |           | 1                 | 0-1             | 1.0             | 0.0                 | x x x<br>x x x  | Brown fine to medium SAND, little Silt, fine to medium Gravel and Brick, trace Organic Matter. [FILL] | <br>Borehole backfilled with Bentonite. |
| 975   |           |                   |                 |                 |                     |                 |                                                                                                       |                                                                                                                            |
| 5     |           |                   |                 |                 |                     |                 |                                                                                                       |                                                                                                                            |
| 970   |           |                   |                 |                 |                     |                 |                                                                                                       |                                                                                                                            |
| 10    |           |                   |                 |                 |                     |                 |                                                                                                       |                                                                                                                            |
| 965   |           |                   |                 |                 |                     |                 |                                                                                                       |                                                                                                                            |
| 15    |           |                   |                 |                 |                     |                 |                                                                                                       |                                                                                                                            |

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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs;<br>Duplicate sample ID: SL-Dup-13 (PCBs, 0-1');<br>MS/MSD collected (PCBs, 0-1'). |
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| <b>Date Start/Finish:</b> 6/25/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 2' Macrocore | <b>Northing:</b> 532988.9<br><b>Easting:</b> 129768.3<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 1' below grade<br><b>Surface Elevation:</b> 976.5289<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-17-SS-3<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-17 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                           | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|-----------------------------------------------------|-------------------------------------|
| 0     |           | 1                 | 0-1             | 1.0             | 0.0                 |                 | Dark brown SILT and fine SAND, some Organic Matter. | Borehole backfilled with Bentonite. |
| 975   |           |                   |                 |                 |                     |                 |                                                     |                                     |
| 5     |           |                   |                 |                 |                     |                 |                                                     |                                     |
| 970   |           |                   |                 |                 |                     |                 |                                                     |                                     |
| 10    |           |                   |                 |                 |                     |                 |                                                     |                                     |
| 965   |           |                   |                 |                 |                     |                 |                                                     |                                     |
| 15    |           |                   |                 |                 |                     |                 |                                                     |                                     |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs. |
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| <b>Date Start/Finish:</b> 6/25/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Electric Jack Hammer<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 532944.1<br><b>Easting:</b> 129836.2<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 11' below grade<br><b>Surface Elevation:</b> 973.0706<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-18-SB-1<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-18 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                                        | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|--------------------------------------------------------------------------------------------------|-------------------------------------|
| 975   |           |                   |                 |                 |                     |                 |                                                                                                  |                                     |
| 0     |           | 1                 | 0-1             | 0.2             |                     |                 | Brown fine SAND and SILT, some Organic Matter, moist.                                            | Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 2.2             |                     |                 | Brown fine SAND and SILT, some fine to medium Gravel, Coal/Ash, wet. [FILL]                      |                                     |
|       |           |                   |                 | 0.8             |                     |                 |                                                                                                  |                                     |
| 970   |           | 3                 | 3-5             | 10.1            |                     |                 | Black coarse to fine SAND, some Silt and fine to coarse Gravel, slight petroleum odor, wet.      |                                     |
| 5     |           | 4                 | 5-7             | 19.0            |                     |                 |                                                                                                  |                                     |
|       |           |                   |                 | 2.4             |                     |                 |                                                                                                  |                                     |
|       |           | 5                 | 7-9             | 4.7             |                     |                 | Gray-black SILT, some fine to coarse Sand and fine to coarse Gravel, slight petroleum odor, wet. |                                     |
| 10    |           | 6                 | 9-11            | 0.4             |                     |                 |                                                                                                  |                                     |
|       |           |                   |                 | 2.0             |                     |                 |                                                                                                  |                                     |
| 965   |           |                   |                 |                 |                     |                 |                                                                                                  |                                     |
|       |           |                   |                 |                 |                     |                 |                                                                                                  |                                     |
| 960   |           |                   |                 |                 |                     |                 |                                                                                                  |                                     |
| 15    |           |                   |                 |                 |                     |                 |                                                                                                  |                                     |



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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>3-5': PCBs; 5-7': PCBs (analysis on hold); 7-9': PCBs (analysis on hold);<br>9-11': PCBs (analysis on hold). |
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| <b>Date Start/Finish:</b> 6/25/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Electric Jack Hammer<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 532932.9<br><b>Easting:</b> 129823.5<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 11' below grade<br><b>Surface Elevation:</b> 977.2515<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-18-SB-2<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-18 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                                         | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|---------------------------------------------------------------------------------------------------|-------------------------------------|
| 980   |           |                   |                 |                 |                     |                 |                                                                                                   |                                     |
| 0     |           | 1                 | 0-1             | 2.7             | 0.2                 |                 | Brown fine SAND and SILT, some Organic Matter, moist.                                             | Borehole backfilled with Bentonite. |
| 975   |           | 2                 | 1-3             | 20.1            |                     |                 | Black-brown fine to coarse SAND, some Silt and fine to coarse Gravel, slight petroleum odor, wet. |                                     |
|       |           | 3                 | 3-5             | 11.2            |                     | x x x           | Same as above, some Slag, Coal/Ash. [FILL]                                                        |                                     |
| 5     |           | 4                 | 5-7             | 8.0             |                     | x x x           | Gray SILT, some coarse to fine Sand, Coal/Ash, Slag, wet. [FILL]                                  |                                     |
|       |           | 5                 | 7-9             | 0.4             |                     | x x x           | Gray SILT and Coal/Ash/Slag, little coarse to fine SAND and fine to coarse Gravel, wet.           |                                     |
| 970   |           | 6                 | 9-11            | 0.2             |                     | x x x           |                                                                                                   |                                     |
| 10    |           |                   |                 |                 |                     |                 |                                                                                                   |                                     |
| 965   |           |                   |                 |                 |                     |                 |                                                                                                   |                                     |
| 15    |           |                   |                 |                 |                     |                 |                                                                                                   |                                     |

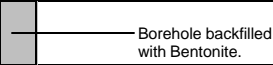
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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs; 3-5': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>5-7': PCBs (analysis on hold); 7-9': PCBs (analysis on hold);<br>9-11': PCBs (analysis on hold). |
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| <b>Date Start/Finish:</b> 6/25/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 2' Macrocore | <b>Northing:</b> 532921.2<br><b>Easting:</b> 129837.0<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 1' below grade<br><b>Surface Elevation:</b> 977.1988<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-18-SS-1<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-18 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                   | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 980   |           |                   |                 |                 |                     |                                                                                   |                                                             |                                                                                                                         |
| 0     |           | 1                 | 0-1             | 1.0             | 0.0                 |  | Dark brown SILT, trace fine Sand and Organic Matter, moist. |  Borehole backfilled with Bentonite. |
| 975   |           |                   |                 |                 |                     |                                                                                   |                                                             |                                                                                                                         |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                             |                                                                                                                         |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                             |                                                                                                                         |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                             |                                                                                                                         |
| 965   |           |                   |                 |                 |                     |                                                                                   |                                                             |                                                                                                                         |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                             |                                                                                                                         |



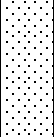
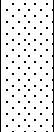
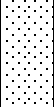

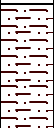

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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs. |
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|                                                                                                                                                                                                                                       |                                                                                                                                                                                                            |                                                                                                                                  |
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| <b>Date Start/Finish:</b> 6/25/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 2' Macrocore | <b>Northing:</b> 532947.3<br><b>Easting:</b> 129831.7<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 1' below grade<br><b>Surface Elevation:</b> 976.6748<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-18-SS-2<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-18 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column       | Stratigraphic Description                                             | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 0     |           | 1                 | 0-1             | 1.0             | 0.0                 | x<br>x<br>x<br>x<br>x | Dark brown SILT and fine SAND, some fine Gravel, Coal and Ash. [FILL] | <br>Borehole backfilled with Bentonite. |
| 975   |           |                   |                 |                 |                     |                       |                                                                       |                                                                                                                            |
| 5     |           |                   |                 |                 |                     |                       |                                                                       |                                                                                                                            |
| 970   |           |                   |                 |                 |                     |                       |                                                                       |                                                                                                                            |
| 10    |           |                   |                 |                 |                     |                       |                                                                       |                                                                                                                            |
| 965   |           |                   |                 |                 |                     |                       |                                                                       |                                                                                                                            |
| 15    |           |                   |                 |                 |                     |                       |                                                                       |                                                                                                                            |

|                                                                                     |                                                                                                     |
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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs. |
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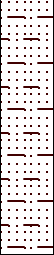
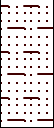
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| <b>Date Start/Finish:</b> 6/18/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Tractor Mounted Power Probe<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533083.0<br><b>Easting:</b> 129386.1<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 11' below grade<br><b>Surface Elevation:</b> 981.4997<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-1-SB-1<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-1 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                     | Stratigraphic Description                          | Boring Construction                                                                                                         |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 0     |           |                   |                 |                 |                     |                                                                                     |                                                    |                                                                                                                             |
|       | 980       | 1                 | 0-1             | 2.0             | 1.3                 |    | Brown fine to medium SAND, little Silt and Gravel. | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 2.0             | 0.5                 |    | Brown fine to medium SAND, little Silt and Gravel. |                                                                                                                             |
|       |           | 3                 | 3-5             | 2.0             | 1.4                 |   |                                                    |                                                                                                                             |
| 5     |           | 4                 | 5-7             | 2.0             | 0.4                 |  |                                                    |                                                                                                                             |
|       | 975       |                   |                 |                 |                     |  | Dark brown SILT, trace fine Sand.                  |                                                                                                                             |
|       |           | 5                 | 7-9             | 3.8             | 0.4                 |  | Dark gray SILT.                                    |                                                                                                                             |
| 10    |           | 6                 | 9-11            | 0.2             |                     |  |                                                    |                                                                                                                             |
|       | 970       |                   |                 |                 |                     |                                                                                     |                                                    |                                                                                                                             |
|       |           |                   |                 |                 |                     |                                                                                     |                                                    |                                                                                                                             |
| 15    |           |                   |                 |                 |                     |                                                                                     |                                                    |                                                                                                                             |

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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs; 3-5': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>5-7': PCBs (analysis on hold); 7-9': PCBs (analysis on hold);<br>9-11': PCBs (analysis on hold); Duplicate sample ID: SL-Dup-10<br>(PCBs, 1-3'); MS/MSD collected (PCBs, 0-1). |
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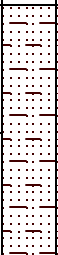
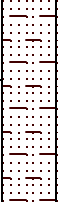



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| <b>Date Start/Finish:</b> 8/7/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Tractor Mounted Power Probe<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533083.0<br><b>Easting:</b> 129386.1<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 11' below grade<br><b>Surface Elevation:</b> 981.4997<br><br><b>Descriptions By:</b> SLL | <b>Boring ID:</b> I9-9-1-SB-1 (Re-drill)<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-1 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                     | Stratigraphic Description                             | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------|
| 0     |           |                   |                 |                 |                     |                                                                                     | Pre-probe to 7' bgs.                                  |                                     |
| 980   |           |                   |                 |                 |                     |                                                                                     |                                                       | Borehole backfilled with Bentonite. |
| 5     |           |                   |                 |                 |                     |                                                                                     |                                                       |                                     |
| 975   |           |                   |                 |                 |                     |                                                                                     |                                                       |                                     |
|       |           | 1                 | 7-9             | 2.0             | 0.0                 |  | Brown fine SAND and SILT, little Organic Matter, wet. |                                     |
| 10    |           | 2                 | 9-11            |                 | 0.2                 |  |                                                       |                                     |
| 970   |           |                   |                 |                 |                     |                                                                                     |                                                       |                                     |
| 15    |           |                   |                 |                 |                     |                                                                                     |                                                       |                                     |

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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 7-9': PCBs; 9-11': PCBs (analysis on hold). |
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| <b>Date Start/Finish:</b> 6/17/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Electric Jack Hammer<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533108.4<br><b>Easting:</b> 129388.2<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 11' below grade<br><b>Surface Elevation:</b> 978.2355<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-1-SB-2<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-1 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                     | Stratigraphic Description     | Boring Construction                                                                                                         |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-------------------------------------------------------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 980   |           |                   |                 |                 |                     |                                                                                     |                               |                                                                                                                             |
| 0     |           |                   |                 |                 |                     |                                                                                     | Pre-Probe to 7' bgs.          | <br>Borehole backfilled with Bentonite. |
| 975   |           |                   |                 |                 |                     |                                                                                     |                               |                                                                                                                             |
| 5     |           |                   |                 |                 |                     |                                                                                     |                               |                                                                                                                             |
| 970   |           | 1                 | 7-9             | 3.8             | 0.0                 |  | Gray SILT and fine SAND, wet. |                                                                                                                             |
| 10    |           | 2                 | 9-11            |                 | 0.0                 |  |                               |                                                                                                                             |
| 965   |           |                   |                 |                 |                     |                                                                                     |                               |                                                                                                                             |
| 15    |           |                   |                 |                 |                     |                                                                                     |                               |                                                                                                                             |

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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 7-9': PCBs, 9-11': PCBs (analysis on hold). |
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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Date Start/Finish:</b> 6/17/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Electric Jack Hammer<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533163.3<br><b>Easting:</b> 129359.0<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 11' below grade<br><b>Surface Elevation:</b> 977.4709<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-1-SB-4<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-1 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                   | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|-----------------------------------------------------------------------------|-------------------------------------|
| 980   |           |                   |                 |                 |                     |                 |                                                                             |                                     |
| 0     |           | 1                 | 0-1             | 0.8             |                     |                 | Brown SILT and fine SAND, some Organics, wet.                               | Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 1.7             | 5.2                 |                 | Black fine to coarse SAND, some Silt, fine to coarse Gravel and Grass, wet. |                                     |
| 975   |           |                   |                 |                 |                     |                 | Same as above, some Brick.                                                  |                                     |
|       |           | 3                 | 3-5             | 4.1             |                     |                 | Gray SILT, little Shells, wet. [MARL]                                       |                                     |
| 5     |           | 4                 | 5-7             | 3.6             | 0.0                 |                 |                                                                             |                                     |
|       |           | 5                 | 7-9             | 0.0             |                     |                 | Gray SILT, wet.                                                             |                                     |
| 970   |           |                   |                 |                 |                     |                 |                                                                             |                                     |
|       |           | 6                 | 9-11            | 3.7             | 0.0                 |                 | Gray fine SAND and SILT, wet.                                               |                                     |
| 10    |           |                   |                 |                 |                     |                 |                                                                             |                                     |
|       |           |                   |                 |                 |                     |                 |                                                                             |                                     |
| 965   |           |                   |                 |                 |                     |                 |                                                                             |                                     |
|       |           |                   |                 |                 |                     |                 |                                                                             |                                     |
| 15    |           |                   |                 |                 |                     |                 |                                                                             |                                     |



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|  <p><b>BBL</b><br/>         BLASLAND, BOUCK &amp; LEE, INC.<br/>         engineers &amp; scientists</p> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 1-3': PCBs, 3-5': PCBs; 5-7': PCBs (analysis on hold);<br>7-9': PCBs (analysis on hold); 9-11': PCBs (analysis on hold).<br>EPA split ID: SL-BH001030-0-0010 (PCBs, 1-3'). |
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| <b>Date Start/Finish:</b> 6/17/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Electric Jack Hammer<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533186.2<br><b>Easting:</b> 129347.1<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 11' below grade<br><b>Surface Elevation:</b> 976.3142<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-1-SB-5<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-1 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                                         | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|---------------------------------------------------------------------------------------------------|-------------------------------------|
| 0     |           |                   |                 |                 |                     |                 |                                                                                                   |                                     |
| 975   |           | 1                 | 0-1             | 1.8             | 0.2                 |                 | Brown-black SILT, some fine to medium Sand and fine to coarse Gravel, wet, slight petroleum odor. | Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.4                 |                 |                                                                                                   |                                     |
|       |           | 3                 | 3-5             | 2.6             | 0.0                 |                 | Gray SILT, trace Shells, wet. [MARL]                                                              |                                     |
| 5     |           | 4                 | 5-7             |                 | 0.0                 |                 |                                                                                                   |                                     |
| 970   |           | 5                 | 7-9             | 3.8             | 0.0                 |                 | Gray SILT, wet.                                                                                   |                                     |
|       |           | 6                 | 9-11            |                 | 0.0                 |                 | Orange-brown fine SAND, some fine Sand, wet.                                                      |                                     |
| 10    |           |                   |                 |                 |                     |                 |                                                                                                   |                                     |
| 965   |           |                   |                 |                 |                     |                 |                                                                                                   |                                     |
|       |           |                   |                 |                 |                     |                 |                                                                                                   |                                     |
| 15    |           |                   |                 |                 |                     |                 |                                                                                                   |                                     |




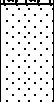
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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>3-5': PCBs; 5-7': PCBs (analysis on hold); 7-9': PCBs (analysis on hold);<br>9-11': PCBs (analysis on hold). |
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| <b>Date Start/Finish:</b> 6/17/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 2' Macrocore | <b>Northing:</b> 533124.0<br><b>Easting:</b> 129396.0<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 1' below grade<br><b>Surface Elevation:</b> 978.4917<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-1-SS-1<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-1 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                                                                                                              | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 980   |           |                   |                 |                 |                     |                                                                                   |                                                                                                                                                        |                                                                                                                            |
| 0     |           | 1                 | 0-1             | 0.8             | 4.2                 |  | Brown SILT and fine SAND, some Organic Matter, wet.<br><br>Black fine to medium SAND, some Silt and fine to medium Gravel, slight petroleum odor, wet. | <br>Borehole backfilled with Bentonite. |
| 975   |           |                   |                 |                 |                     |                                                                                   |                                                                                                                                                        |                                                                                                                            |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                                                                                                        |                                                                                                                            |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                                                                                                                        |                                                                                                                            |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                                                                                                        |                                                                                                                            |
| 965   |           |                   |                 |                 |                     |                                                                                   |                                                                                                                                                        |                                                                                                                            |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                                                                                                        |                                                                                                                            |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs. |
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| <b>Date Start/Finish:</b> 6/26/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 532974.1<br><b>Easting:</b> 129913.6<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 977.5339<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-21-SB-1<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-21 |
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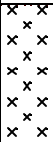
| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                                          | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 980   |           |                   |                 |                 |                     |                                                                                   |                                                                                    |                                                                                                                         |
| 0     |           | 1                 | 0-1             |                 | 0.0                 |  | Dark brown fine SAND and SILT, some Organic Matter, trace fine Gravel, moist.      |  Borehole backfilled with Bentonite. |
|       |           |                   |                 | 1.7             |                     |  | Pulverized CONCRETE.                                                               |                                                                                                                         |
| 975   |           | 2                 | 1-3             |                 | 0.0                 |  | Dark brown fine to medium SAND, some Silt, fine Gravel, and Organic Matter, moist. |                                                                                                                         |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                                    |                                                                                                                         |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                                                    |                                                                                                                         |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                                    |                                                                                                                         |
| 965   |           |                   |                 |                 |                     |                                                                                   |                                                                                    |                                                                                                                         |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                                    |                                                                                                                         |


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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/26/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 532968.8<br><b>Easting:</b> 129883.9<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 978.0093<br><br><b>Descriptions By:</b> JAB | <b>Boring ID:</b> I9-9-21-SB-3<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-21 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm)                                                               | Geologic Column                                                                        | Stratigraphic Description                                  | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 980   |           |                   |                 |                 |                                                                                   |                                                                                        |                                                            |                                                                                                                            |
| 0     |           | 1                 | 0-1             | 1.8             | 0.0                                                                               |       | Dark brown fine SAND and SILT, some Organic Matter, moist. | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 0.0             |  | Orange-brown fine to medium SAND, little fine to medium Gravel and Slag, moist. [FILL] |                                                            |                                                                                                                            |
| 975   |           |                   |                 |                 |                                                                                   |                                                                                        |                                                            |                                                                                                                            |
| 5     |           |                   |                 |                 |                                                                                   |                                                                                        |                                                            |                                                                                                                            |
| 970   |           |                   |                 |                 |                                                                                   |                                                                                        |                                                            |                                                                                                                            |
| 10    |           |                   |                 |                 |                                                                                   |                                                                                        |                                                            |                                                                                                                            |
| 965   |           |                   |                 |                 |                                                                                   |                                                                                        |                                                            |                                                                                                                            |
| 15    |           |                   |                 |                 |                                                                                   |                                                                                        |                                                            |                                                                                                                            |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>MS/MSD collected (1-3'). |
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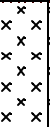
|                                                                                                                                                                                                                                       |                                                                                                                                                                                                            |                                                                                                                                  |
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| <b>Date Start/Finish:</b> 6/26/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 532942.6<br><b>Easting:</b> 129879.5<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 978.3197<br><br><b>Descriptions By:</b> JAB | <b>Boring ID:</b> I9-9-21-SB-4<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-21 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                           | Boring Construction |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|-------------------------------------------------------------------------------------|---------------------|
| 980   |           |                   |                 |                 |                     |                 |                                                                                     |                     |
| 0     |           | 1                 | 0-1             | 1.6             | 0.0                 |                 | Dark brown fine SAND and SILT, trace medium Sand, Gravel and Organic Matter, mosit. |                     |
|       |           | 2                 | 1-3             |                 | 0.0                 |                 |                                                                                     |                     |
| 975   |           |                   |                 |                 |                     |                 |                                                                                     |                     |
| 5     |           |                   |                 |                 |                     |                 |                                                                                     |                     |
| 970   |           |                   |                 |                 |                     |                 |                                                                                     |                     |
| 10    |           |                   |                 |                 |                     |                 |                                                                                     |                     |
| 965   |           |                   |                 |                 |                     |                 |                                                                                     |                     |
| 15    |           |                   |                 |                 |                     |                 |                                                                                     |                     |

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|--|-----------------------------------------------------------------------------------------------------------------|
|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/26/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 532986.2<br><b>Easting:</b> 129964.1<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 977.2138<br><br><b>Descriptions By:</b> JAB | <b>Boring ID:</b> I9-9-22-SB-1<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-22 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                    | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 980   |           |                   |                 |                 |                     |                                                                                   |                                                              |                                                                                                                         |
| 0     |           | 1                 | 0-1             |                 | 0.0                 |  | Dark brown SILT and fine SAND, little Organic Matter, moist. |  Borehole backfilled with Bentonite. |
| 975   |           | 2                 | 1-3             | 1.6             | 0.8                 |  | Same as above, some Coal/Ash, moist. [FILL]                  |                                                                                                                         |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                              |                                                                                                                         |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                              |                                                                                                                         |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                              |                                                                                                                         |
| 965   |           |                   |                 |                 |                     |                                                                                   |                                                              |                                                                                                                         |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                              |                                                                                                                         |

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|  <p><b>BBL</b><br/>         BLASLAND, BOUCK &amp; LEE, INC.<br/>         engineers &amp; scientists</p> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/26/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 532977.0<br><b>Easting:</b> 129941.1<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 976.2748<br><br><b>Descriptions By:</b> JAB | <b>Boring ID:</b> I9-9-22-SB-2<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-22 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                  | Boring Construction                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|------------------------------------------------------------|-----------------------------------------|
| 0     |           |                   |                 |                 |                     |                 |                                                            |                                         |
| 975   |           | 1                 | 0-1             | 1.7             | 0.0                 |                 | Dark brown fine SAND and SILT, some Organic Matter, moist. | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 0.4             | 0.4                 |                 | Same as above, trace Slag. [FILL]                          |                                         |
| 5     |           |                   |                 |                 |                     |                 |                                                            |                                         |
| 970   |           |                   |                 |                 |                     |                 |                                                            |                                         |
| 10    |           |                   |                 |                 |                     |                 |                                                            |                                         |
| 965   |           |                   |                 |                 |                     |                 |                                                            |                                         |
| 15    |           |                   |                 |                 |                     |                 |                                                            |                                         |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs;<br>Duplicate sample ID: SL-Dup-15 (PCBs, 1-3');<br>MS/MSD collected (PCBs, 0-1'). |
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| <b>Date Start/Finish:</b> 6/27/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Tractor Mounted Power Probe<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 532964.2<br><b>Easting:</b> 129938.3<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 978.8541<br><br><b>Descriptions By:</b> JAB | <b>Boring ID:</b> I9-9-22-SB-3<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-22 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                                                                             | Boring Construction |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 980   |           |                   |                 |                 |                     |                 |                                                                                                                                       |                     |
| 0     |           | 1                 | 0-1             | 2.3             | 0.2                 |                 | Brown fine to medium SAND, some fine to medium Gravel, trace Silt, moist.                                                             |                     |
|       |           | 2                 | 1-3             |                 | 0.4                 |                 | Dark brown SILT, trace Ash, moist.<br>Gray-brown fine SAND and SILT, trace fine Gravel, moist.<br>COAL/ASH, trace Silt and Sand, wet. |                     |
| 975   |           |                   |                 |                 |                     |                 |                                                                                                                                       |                     |
| 5     |           |                   |                 |                 |                     |                 |                                                                                                                                       |                     |
| 970   |           |                   |                 |                 |                     |                 |                                                                                                                                       |                     |
| 10    |           |                   |                 |                 |                     |                 |                                                                                                                                       |                     |
| 965   |           |                   |                 |                 |                     |                 |                                                                                                                                       |                     |
| 15    |           |                   |                 |                 |                     |                 |                                                                                                                                       |                     |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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| <b>Date Start/Finish:</b> 6/27/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533008.8<br><b>Easting:</b> 130038.6<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 977.1993<br><br><b>Descriptions By:</b> JAB | <b>Boring ID:</b> I9-9-23-SB-1<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-23 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                              | Boring Construction                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|------------------------------------------------------------------------|-----------------------------------------|
| 980   |           |                   |                 |                 |                     |                 |                                                                        |                                         |
| 0     |           | 1                 | 0-1             |                 | 0.0                 |                 | Brown SILT and fine SAND, trace fine Gravel and Organic Matter, moist. | <br>Borehole backfilled with Bentonite. |
| 975   |           | 2                 | 1-3             | 2.7             | 0.0                 |                 |                                                                        |                                         |
| 5     |           |                   |                 |                 |                     |                 |                                                                        |                                         |
| 970   |           |                   |                 |                 |                     |                 |                                                                        |                                         |
| 10    |           |                   |                 |                 |                     |                 |                                                                        |                                         |
| 965   |           |                   |                 |                 |                     |                 |                                                                        |                                         |
| 15    |           |                   |                 |                 |                     |                 |                                                                        |                                         |

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|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1: VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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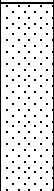

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| <b>Date Start/Finish:</b> 6/27/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533016.8<br><b>Easting:</b> 130006.1<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 976.8877<br><br><b>Descriptions By:</b> JAB | <b>Boring ID:</b> I9-9-23-SB-2<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-23 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                      | Stratigraphic Description                                                          | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|--------------------------------------|------------------------------------------------------------------------------------|-------------------------------------|
| 0     |           | 1                 | 0-1             | 2.0             | 0.0                 |                                      | Brown SILT and fine SAND, some fine to coarse Gravel, trace Organic Matter, moist. | Borehole backfilled with Bentonite. |
| 975   |           | 2                 | 1-3             | 0.2             | 0.2                 | X<br>X<br>X<br>X<br>X<br>X<br>X<br>X | Same as above, some Coal/Ash, wet.                                                 |                                     |
| 5     |           |                   |                 |                 |                     |                                      |                                                                                    |                                     |
| 970   |           |                   |                 |                 |                     |                                      |                                                                                    |                                     |
| 10    |           |                   |                 |                 |                     |                                      |                                                                                    |                                     |
| 965   |           |                   |                 |                 |                     |                                      |                                                                                    |                                     |
| 15    |           |                   |                 |                 |                     |                                      |                                                                                    |                                     |

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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/27/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Tractor Mounted Power Probe<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 532995.8<br><b>Easting:</b> 129985.5<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 980.3745<br><br><b>Descriptions By:</b> JAB | <b>Boring ID:</b> I9-9-23-SB-3<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-23 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                           | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 0     | 980       | 1                 | 0-1             | 2.1             | 0.0                 |  | Brown fine SAND, little fine Gravel, trace Silt and Organic Matter. |  Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.0                 |                                                                                   |                                                                     |                                                                                                                         |
| 5     | 975       |                   |                 |                 |                     |                                                                                   |                                                                     |                                                                                                                         |
| 10    | 970       |                   |                 |                 |                     |                                                                                   |                                                                     |                                                                                                                         |
| 15    | 965       |                   |                 |                 |                     |                                                                                   |                                                                     |                                                                                                                         |

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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Date Start/Finish:</b> 7/1/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Tractor Mounted Power Probe<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533006.3<br><b>Easting:</b> 130090.8<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 11' below grade<br><b>Surface Elevation:</b> 977.4794<br><br><b>Descriptions By:</b> TOR | <b>Boring ID:</b> I9-9-24-SB-1<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-24 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                     | Boring Construction                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|-------------------------------------------------------------------------------|-----------------------------------------|
| 980   |           |                   |                 |                 |                     |                 |                                                                               |                                         |
| 0     |           | 1                 | 0-1             | 0.8             |                     |                 | Brown SILT, some Organic Matter and fine to medium Gravel, wet.               | <br>Borehole backfilled with Bentonite. |
| 975   |           | 2                 | 1-3             | 1.7             | 0.0                 |                 | NAPL present from 3.0' to 3.4' bgs.                                           |                                         |
| 5     |           | 3                 | 3-5             | 4.7             |                     |                 | Brown SILT and fine SAND, wet.                                                |                                         |
|       |           | 4                 | 5-7             | 2.4             | 0.0                 |                 |                                                                               |                                         |
| 970   |           | 5                 | 7-9             | 2.0             | 0.0                 |                 | Black coarse to fine SAND, little fine to coarse Gravel and Wood, sheen, wet. |                                         |
| 10    |           | 6                 | 9-11            | 0.0             | 0.0                 |                 |                                                                               |                                         |
| 965   |           |                   |                 |                 |                     |                 |                                                                               |                                         |
| 15    |           |                   |                 |                 |                     |                 |                                                                               |                                         |





|  |                                                                                                                                                                                                                                                                                                            |
|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF; 3-5': PCBs;<br>5-7': PCBs (analysis on hold); 7-9': PCBs (analysis on hold);<br>9-11': PCBs (analysis on hold). |
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| <b>Date Start/Finish:</b> 7/1/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Tractor Mounted Power Probe<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 532991.6<br><b>Easting:</b> 130072.0<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 11' below grade<br><b>Surface Elevation:</b> 979.8492<br><br><b>Descriptions By:</b> TOR | <b>Boring ID:</b> I9-9-24-SB-2<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-24 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                         | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|-----------------------------------------------------------------------------------|-------------------------------------|
| 0     | 980       | 1                 | 0-1             | 2.8             | 0.0                 |                 | Dark brown SILT and fine SAND, trace fine Gravel and Organic Matter, moist.       | Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 0.0             | 0.0                 |                 | Same as above, trace Glass and Ash, wet. [FILL]                                   |                                     |
|       |           | 3                 | 3-5             | 3.2             | 2.1                 |                 | Gray-brown SILT and fine SAND, some fine to coarse Gravel, wet.                   |                                     |
| 5     | 975       | 4                 | 5-7             | 4.0             | 4.0                 |                 | Brown fine SAND, some Silt and fine to coarse Gravel, wet, slight petroleum odor. |                                     |
|       |           | 5                 | 7-9             | 3.0             | 0.4                 |                 | Gray-brown coarse to fine SAND, some Silt, Wood, Brick and Metal, wet. [FILL]     |                                     |
| 10    | 970       | 6                 | 9-11            | 0.1             | 0.1                 |                 |                                                                                   |                                     |
| 15    | 965       |                   |                 |                 |                     |                 |                                                                                   |                                     |

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|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs; 3-5': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>5-7': PCBs (analysis on hold); 7-9': PCBs (analysis on hold);<br>9-11': PCBs (analysis on hold). |
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| <b>Date Start/Finish:</b> 7/8/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 532920.1<br><b>Easting:</b> 130113.1<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 981.1077<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-24-SS-2<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-24 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm)                                                                                                                                | Geologic Column                                                                                                                            | Stratigraphic Description | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 0     |           |                   |                 |                 |                                                                                                                                                    |                                                                                                                                            |                           |                                                                                                                            |
| 980   |           | 1                 | 0-1             | 2.2             | 0.0                                                                                                                                                | <br>Light brown fine SAND and SILT, trace Organic Matter. |                           | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 0.2             | <br>Brown fine SAND and SILT, trace fine Gravel, Coal/Ash. [FILL] |                                                                                                                                            |                           |                                                                                                                            |
|       |           |                   |                 |                 | <br>COAL/ASH. [FILL]                                              |                                                                                                                                            |                           |                                                                                                                            |
| 5     |           |                   |                 |                 |                                                                                                                                                    |                                                                                                                                            |                           |                                                                                                                            |
| 975   |           |                   |                 |                 |                                                                                                                                                    |                                                                                                                                            |                           |                                                                                                                            |
| 10    |           |                   |                 |                 |                                                                                                                                                    |                                                                                                                                            |                           |                                                                                                                            |
| 970   |           |                   |                 |                 |                                                                                                                                                    |                                                                                                                                            |                           |                                                                                                                            |
| 15    |           |                   |                 |                 |                                                                                                                                                    |                                                                                                                                            |                           |                                                                                                                            |


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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 1-3': PCBs; Duplicate sample ID: SL-Dup-19 (PCBs, 1-3'). |
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| <b>Date Start/Finish:</b> 7/8/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 532879.3<br><b>Easting:</b> 130143.0<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 983.2594<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-24-SS-3<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-24 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                               | Stratigraphic Description                                             | Boring Construction |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------|
| 985   |           |                   |                 |                 |                     |                                                                               |                                                                       |                     |
| 0     |           | 1                 | 0-1             | 2.4             | 0.2                 |                                                                               | Light brown fine SAND and SILT, trace fine Gravel and Organic Matter. |                     |
|       |           | 2                 | 1-3             | 0.4             |                     | Dark brown fine SAND and SILT, little fine to medium Gravel, Coal/Ash. [FILL] |                                                                       |                     |
| 980   |           |                   |                 |                 |                     |                                                                               |                                                                       |                     |
| 5     |           |                   |                 |                 |                     |                                                                               |                                                                       |                     |
| 975   |           |                   |                 |                 |                     |                                                                               |                                                                       |                     |
| 10    |           |                   |                 |                 |                     |                                                                               |                                                                       |                     |
| 970   |           |                   |                 |                 |                     |                                                                               |                                                                       |                     |
| 15    |           |                   |                 |                 |                     |                                                                               |                                                                       |                     |



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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 1-3': PCBs; MS/MSD collected (PCBs, 1-3'). |
|--|------------------------------------------------------------------------------------------------------------------------------------|


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| <b>Date Start/Finish:</b> 6/27/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 2' Macrocore | <b>Northing:</b> 532974.0<br><b>Easting:</b> 130101.7<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 1' below grade<br><b>Surface Elevation:</b> 979.2934<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-24-SS-4<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-24 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column  | Stratigraphic Description                                                             | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 980   |           |                   |                 |                 |                     |                  |                                                                                       |                                                                                                                            |
| 0     |           | 1                 | 0-1             | 1.0             | 0.0                 | x<br>x<br>x<br>x | Dark brown fine SAND and SILT, trace fine Gravel, Organic Matter and Coal/Ash, moist. | <br>Borehole backfilled with Bentonite. |
| 975   |           |                   |                 |                 |                     |                  |                                                                                       |                                                                                                                            |
| 5     |           |                   |                 |                 |                     |                  |                                                                                       |                                                                                                                            |
| 970   |           |                   |                 |                 |                     |                  |                                                                                       |                                                                                                                            |
| 10    |           |                   |                 |                 |                     |                  |                                                                                       |                                                                                                                            |
| 965   |           |                   |                 |                 |                     |                  |                                                                                       |                                                                                                                            |
| 15    |           |                   |                 |                 |                     |                  |                                                                                       |                                                                                                                            |

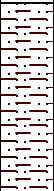

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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs. |
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| <b>Date Start/Finish:</b> 6/27/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 2' Macrocore | <b>Northing:</b> 533001.8<br><b>Easting:</b> 130050.8<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 1' below grade<br><b>Surface Elevation:</b> 977.2554<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-24-SS-5<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-24 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                                   | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 980   |           |                   |                 |                 |                     |                                                                                   |                                                                             |                                                                                                                         |
| 0     |           | 1                 | 0-1             | 1.0             | 0.0                 |  | Dark brown fine SAND and SILT, trace fine Gravel and Organic Matter, moist. |  Borehole backfilled with Bentonite. |
| 975   |           |                   |                 |                 |                     |                                                                                   |                                                                             |                                                                                                                         |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                             |                                                                                                                         |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                                             |                                                                                                                         |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                             |                                                                                                                         |
| 965   |           |                   |                 |                 |                     |                                                                                   |                                                                             |                                                                                                                         |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                             |                                                                                                                         |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs. |
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| <b>Date Start/Finish:</b> 7/3/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 532988.8<br><b>Easting:</b> 130159.9<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 981.5307<br><br><b>Descriptions By:</b> JAB | <b>Boring ID:</b> I9-9-25-SB-4<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-25 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                          | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 0     |           | 1                 | 0-1             |                 | 0.0                 |  | Brown SILT, some fine Sand, little fine Gravel and Organic Matter. |  Borehole backfilled with Bentonite. |
| 980   |           | 2                 | 1-3             | 2.1             | 0.0                 |                                                                                   |                                                                    |                                                                                                                         |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                    |                                                                                                                         |
| 975   |           |                   |                 |                 |                     |                                                                                   |                                                                    |                                                                                                                         |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                    |                                                                                                                         |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                                    |                                                                                                                         |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                    |                                                                                                                         |

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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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

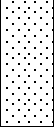



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| <b>Date Start/Finish:</b> 7/3/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 532998.2<br><b>Easting:</b> 130142.5<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 977.6481<br><br><b>Descriptions By:</b> JAB | <b>Boring ID:</b> I9-9-25-SB-5<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-25 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                                | Boring Construction                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|------------------------------------------------------------------------------------------|-----------------------------------------|
| 980   |           |                   |                 |                 |                     |                 |                                                                                          |                                         |
| 0     |           | 1                 | 0-1             | 1.7             | 0.0                 |                 | Brown SILT, some fine Sand, little fine Gravel and Organic Matter, moist.                | <br>Borehole backfilled with Bentonite. |
| 975   |           | 2                 | 1-3             |                 | 0.0                 |                 | Orange-brown SILT and fine SAND, some fine to coarse Gravel, little Organic Matter, wet. |                                         |
| 5     |           |                   |                 |                 |                     |                 |                                                                                          |                                         |
| 970   |           |                   |                 |                 |                     |                 |                                                                                          |                                         |
| 10    |           |                   |                 |                 |                     |                 |                                                                                          |                                         |
| 965   |           |                   |                 |                 |                     |                 |                                                                                          |                                         |
| 15    |           |                   |                 |                 |                     |                 |                                                                                          |                                         |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>MS/MSD collected (1-3'). |
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| <b>Date Start/Finish:</b> 7/3/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 532985.6<br><b>Easting:</b> 130131.7<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 981.8712<br><br><b>Descriptions By:</b> JAB | <b>Boring ID:</b> I9-9-25-SB-6<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-25 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                              | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 0     |           |                   |                 |                 |                     |                                                                                   |                                                                        |                                                                                                                         |
|       |           | 1                 | 0-1             |                 | 0.0                 |  | Dark brown SILT, some fine Sand, trace fine Gravel and Organic Matter. |  Borehole backfilled with Bentonite. |
| 980   |           | 2                 | 1-3             | 2.8             | 0.0                 |  | Light brown fine SAND, trace fine Gravel and Organic Matter, moist.    |                                                                                                                         |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                        |                                                                                                                         |
| 975   |           |                   |                 |                 |                     |                                                                                   |                                                                        |                                                                                                                         |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                        |                                                                                                                         |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                                        |                                                                                                                         |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                        |                                                                                                                         |




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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>Duplicate sample ID: SL-Dup-17 (PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF). |
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| <b>Date Start/Finish:</b> 6/27/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533001.3<br><b>Easting:</b> 130109.5<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 976.9099<br><br><b>Descriptions By:</b> JAB | <b>Boring ID:</b> I9-9-25-SB-7<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-25 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                       | Boring Construction                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|---------------------------------------------------------------------------------|-----------------------------------------|
| 0     |           |                   |                 |                 |                     |                 |                                                                                 |                                         |
|       |           | 1                 | 0-1             | 1.8             | 0.0                 |                 | Dark brown fine SAND and SILT, little fine Gravel, trace Organic Matter, moist. | <br>Borehole backfilled with Bentonite. |
| 975   |           | 2                 | 1-3             |                 | 0.0                 |                 | Gray-brown fine to coarse SAND, little Silt and fine Gravel, wet.               |                                         |
|       |           |                   |                 |                 |                     |                 | Gray-brown SILT and fine SAND, wet.                                             |                                         |
| 5     |           |                   |                 |                 |                     |                 |                                                                                 |                                         |
| 970   |           |                   |                 |                 |                     |                 |                                                                                 |                                         |
| 10    |           |                   |                 |                 |                     |                 |                                                                                 |                                         |
| 965   |           |                   |                 |                 |                     |                 |                                                                                 |                                         |
| 15    |           |                   |                 |                 |                     |                 |                                                                                 |                                         |



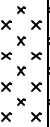
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| <br><b>BBL</b><br>BLASLAND, BOUCK & LEE, INC.<br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 7/7/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533184.1<br><b>Easting:</b> 131382.4<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 978.5175<br><br><b>Descriptions By:</b> JTB | <b>Boring ID:</b> I9-9-30-SB-4<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-30 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                                 | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 980   |           |                   |                 |                 |                     |                                                                                   |                                                                           |                                                                                                                         |
| 0     |           | 1                 | 0-1             | 2.8             | 0.2                 |  | Brown fine SAND and SILT, trace Organic Matter.                           |  Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 0.2             | 0.2                 |  | Brown fine SAND and SILT, some Slag and Ash, trace Organic Matter. [FILL] |                                                                                                                         |
| 975   |           |                   |                 |                 |                     |                                                                                   |                                                                           |                                                                                                                         |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                           |                                                                                                                         |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                                           |                                                                                                                         |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                           |                                                                                                                         |
| 965   |           |                   |                 |                 |                     |                                                                                   |                                                                           |                                                                                                                         |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                           |                                                                                                                         |



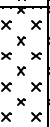
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|  <p><b>BBL</b><br/>         BLASLAND, BOUCK &amp; LEE, INC.<br/>         engineers &amp; scientists</p> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 7/7/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Tractor Mounted Power Probe<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533159.9<br><b>Easting:</b> 130365.5<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 982.4741<br><br><b>Descriptions By:</b> JTB | <b>Boring ID:</b> I9-9-30-SB-5<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-30 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                            | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 985   |           |                   |                 |                 |                     |                                                                                   |                                                                      |                                                                                                                            |
| 0     |           | 1                 | 0-1             |                 | 0.0                 |  | Light brown fine SAND, trace Organic Matter.                         | <br>Borehole backfilled with Bentonite. |
| 980   |           | 2                 | 1-3             | 2.2             | 0.2                 |  | Brown fine SAND, some Coal/Ash, little fine to coarse Gravel. [FILL] |                                                                                                                            |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                      |                                                                                                                            |
| 975   |           |                   |                 |                 |                     |                                                                                   |                                                                      |                                                                                                                            |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                      |                                                                                                                            |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                                      |                                                                                                                            |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                      |                                                                                                                            |


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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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| <b>Date Start/Finish:</b> 7/7/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533162.4<br><b>Easting:</b> 130341.1<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 978.1413<br><br><b>Descriptions By:</b> JTB | <b>Boring ID:</b> I9-9-30-SB-6<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-30 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                                     | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 980   |           |                   |                 |                 |                     |                                                                                   |                                                                               |                                                                                                                         |
| 0     |           | 1                 | 0-1             | 1.7             | 0.0                 |  | Light brown fine SAND and SILT, trace Organic Matter.                         |  Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.2                 |  | Brown fine SAND and SILT, some Coal/Ash, little fine to medium Gravel. [FILL] |                                                                                                                         |
| 975   |           |                   |                 |                 |                     |                                                                                   |                                                                               |                                                                                                                         |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                               |                                                                                                                         |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                                               |                                                                                                                         |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                               |                                                                                                                         |
| 965   |           |                   |                 |                 |                     |                                                                                   |                                                                               |                                                                                                                         |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                               |                                                                                                                         |



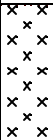
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|  <p><b>BBL</b><br/>         BLASLAND, BOUCK &amp; LEE, INC.<br/>         engineers &amp; scientists</p> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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| <b>Date Start/Finish:</b> 7/7/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Tractor Mounted Power Probe<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533128.8<br><b>Easting:</b> 130321.9<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 981.5743<br><br><b>Descriptions By:</b> JTB | <b>Boring ID:</b> I9-9-30-SB-7<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-30 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                           | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 0     |           | 1                 | 0-1             |                 | 0.0                 |                 | Light brown fine SAND, some Organic Matter.                         | <br>Borehole backfilled with Bentonite. |
| 980   |           | 2                 | 1-3             | 2.0             | 0.0                 |                 | Brown fine SAND, little fine Gravel, trace Organic Matter and Silt. |                                                                                                                            |
| 5     |           |                   |                 |                 |                     |                 |                                                                     |                                                                                                                            |
| 975   |           |                   |                 |                 |                     |                 |                                                                     |                                                                                                                            |
| 10    |           |                   |                 |                 |                     |                 |                                                                     |                                                                                                                            |
| 970   |           |                   |                 |                 |                     |                 |                                                                     |                                                                                                                            |
| 15    |           |                   |                 |                 |                     |                 |                                                                     |                                                                                                                            |

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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 7/7/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533238.2<br><b>Easting:</b> 130430.9<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 990.0395<br><br><b>Descriptions By:</b> JTB | <b>Boring ID:</b> I9-9-31-SB-1<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-31 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                            | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 0     | 990       | 1                 | 0-1             | 2.0             | 0.0                 |  | Light brown fine SAND and SILT, trace Organic Matter.                | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 0.0             | 0.0                 |  | Brown fine SAND and SILT, trace fine Gravel, Coal/Ash, moist. [FILL] |                                                                                                                            |
| 5     | 985       |                   |                 |                 |                     |                                                                                   |                                                                      |                                                                                                                            |
| 10    | 980       |                   |                 |                 |                     |                                                                                   |                                                                      |                                                                                                                            |
| 15    | 975       |                   |                 |                 |                     |                                                                                   |                                                                      |                                                                                                                            |

|                                                                                     |                                                                                                                 |
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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 7/7/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533216.9<br><b>Easting:</b> 130425.7<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 982.4888<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-31-SB-2<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-31 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                        | Boring Construction |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|------------------------------------------------------------------|---------------------|
| 985   |           |                   |                 |                 |                     |                 |                                                                  |                     |
| 0     |           | 1                 | 0-1             |                 | 0.0                 |                 | Brown fine SAND and SILT, little fine Gravel and Organic Matter. |                     |
| 980   |           | 2                 | 1-3             | 2.3             | 0.0                 |                 |                                                                  |                     |
| 5     |           |                   |                 |                 |                     |                 |                                                                  |                     |
| 975   |           |                   |                 |                 |                     |                 |                                                                  |                     |
| 10    |           |                   |                 |                 |                     |                 |                                                                  |                     |
| 970   |           |                   |                 |                 |                     |                 |                                                                  |                     |
| 15    |           |                   |                 |                 |                     |                 |                                                                  |                     |



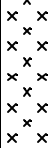
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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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| <b>Date Start/Finish:</b> 7/7/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533206.6<br><b>Easting:</b> 130400.8<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 977.7138<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-31-SB-3<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-31 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                | Boring Construction                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|--------------------------------------------------------------------------|-----------------------------------------|
| 980   |           |                   |                 |                 |                     |                 |                                                                          |                                         |
| 0     |           | 1                 | 0-1             |                 | 0.0                 |                 | Light brown fine SAND and SILT, some fine Gravel, little Organic Matter. | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 2.7             | 0.0                 |                 |                                                                          |                                         |
| 975   |           |                   |                 |                 |                     |                 |                                                                          |                                         |
| 5     |           |                   |                 |                 |                     |                 |                                                                          |                                         |
| 970   |           |                   |                 |                 |                     |                 |                                                                          |                                         |
| 10    |           |                   |                 |                 |                     |                 |                                                                          |                                         |
| 965   |           |                   |                 |                 |                     |                 |                                                                          |                                         |
| 15    |           |                   |                 |                 |                     |                 |                                                                          |                                         |

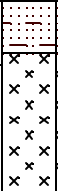
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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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| <b>Date Start/Finish:</b> 7/7/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Tractor Mounted Power Probe<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533286.7<br><b>Easting:</b> 130495.3<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 983.7761<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-32-SB-1<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-32 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm)                                                               | Geologic Column                                                                   | Stratigraphic Description                                      | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 985   |           |                   |                 |                 |                                                                                   |                                                                                   |                                                                |                                                                                                                            |
| 0     |           | 1                 | 0-1             | 2.0             | 0.2                                                                               |  | Brown SILT and fine SAND, some fine Gravel and Organic Matter. | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 6.1             |  | Brown fine SAND and SILT, some fine Gravel, Wood, Concrete and Coal/Ash. [FILL]   |                                                                |                                                                                                                            |
| 980   |           |                   |                 |                 |                                                                                   |                                                                                   |                                                                |                                                                                                                            |
| 5     |           |                   |                 |                 |                                                                                   |                                                                                   |                                                                |                                                                                                                            |
| 975   |           |                   |                 |                 |                                                                                   |                                                                                   |                                                                |                                                                                                                            |
| 10    |           |                   |                 |                 |                                                                                   |                                                                                   |                                                                |                                                                                                                            |
| 970   |           |                   |                 |                 |                                                                                   |                                                                                   |                                                                |                                                                                                                            |
| 15    |           |                   |                 |                 |                                                                                   |                                                                                   |                                                                |                                                                                                                            |


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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs;<br>Duplicate sample ID: SL-Dup-18 (PCBs, 1-3');<br>MS/MSD collected (PCBs, 0-1'). |
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| <b>Date Start/Finish:</b> 7/7/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Tractor Mounted Power Probe<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533280.8<br><b>Easting:</b> 130468.0<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 976.7944<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-32-SB-2<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-32 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                                                                                                                                 | Stratigraphic Description                                            | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------|
| 0     |           |                   |                 |                 |                     |                                                                                                                                                                                                 |                                                                      |                                     |
|       |           | 1                 | 0-1             |                 | 2.1                 |                                                                                                                                                                                                 | Light brown SILT and fine SAND, some fine Gravel and Organic Matter. | Borehole backfilled with Bentonite. |
| 975   |           | 2                 | 1-3             | 1.6             | 29.2                | <br>Brown-black fine SAND and SILT, some fine to coarse Gravel, Coal/Ash, strong petroleum odor, moist. [FILL] |                                                                      |                                     |
| 5     |           |                   |                 |                 |                     |                                                                                                                                                                                                 |                                                                      |                                     |
| 970   |           |                   |                 |                 |                     |                                                                                                                                                                                                 |                                                                      |                                     |
| 10    |           |                   |                 |                 |                     |                                                                                                                                                                                                 |                                                                      |                                     |
| 965   |           |                   |                 |                 |                     |                                                                                                                                                                                                 |                                                                      |                                     |
| 15    |           |                   |                 |                 |                     |                                                                                                                                                                                                 |                                                                      |                                     |



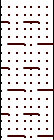
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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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| <b>Date Start/Finish:</b> 7/7/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Tractor Mounted Power Probe<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533246.7<br><b>Easting:</b> 130457.8<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 982.9461<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-32-SB-3<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-32 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column  | Stratigraphic Description                                               | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 985   |           |                   |                 |                 |                     |                  |                                                                         |                                                                                                                         |
| 0     |           | 1                 | 0-1             | 2.1             | 0.0                 | [Dotted pattern] | Light brown fine SAND, little fine to coarse Gravel and Organic Matter. |  Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.0                 |                  |                                                                         |                                                                                                                         |
| 980   |           |                   |                 |                 |                     |                  |                                                                         |                                                                                                                         |
| 5     |           |                   |                 |                 |                     |                  |                                                                         |                                                                                                                         |
| 975   |           |                   |                 |                 |                     |                  |                                                                         |                                                                                                                         |
| 10    |           |                   |                 |                 |                     |                  |                                                                         |                                                                                                                         |
| 970   |           |                   |                 |                 |                     |                  |                                                                         |                                                                                                                         |
| 15    |           |                   |                 |                 |                     |                  |                                                                         |                                                                                                                         |




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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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| <b>Date Start/Finish:</b> 7/8/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533336.3<br><b>Easting:</b> 130639.0<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 989.2375<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-33-SB-1<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-33 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                          | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 990   |           |                   |                 |                 |                     |                                                                                   |                                                                    |                                                                                                                         |
| 0     |           | 1                 | 0-1             | 2.0             | 0.0                 |  | Light brown fine SAND, little fine Gravel, trace Organic Material. |  Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.0                 |  | Brown fine SAND and SILT, little fine Gravel.                      |                                                                                                                         |
| 985   |           |                   |                 |                 |                     |                                                                                   |                                                                    |                                                                                                                         |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                    |                                                                                                                         |
| 980   |           |                   |                 |                 |                     |                                                                                   |                                                                    |                                                                                                                         |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                    |                                                                                                                         |
| 975   |           |                   |                 |                 |                     |                                                                                   |                                                                    |                                                                                                                         |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                    |                                                                                                                         |




|                                                                                                                                                         |                                                                                                                 |
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| <br>BLASLAND, BOUCK & LEE, INC.<br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 7/8/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533319.7<br><b>Easting:</b> 130626.4<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 995.1967<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-33-SB-2<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-33 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                          | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 0     | 995       | 1                 | 0-1             | 1.8             | 0.0                 |  | Light brown fine SAND, trace fine Gravel and Organic Material.     | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 0.2             | 0.2                 |  | Brown fine SAND and SILT, some fine Gravel, trace Coal/Ash. [FILL] |                                                                                                                            |
| 5     | 990       |                   |                 |                 |                     |                                                                                   |                                                                    |                                                                                                                            |
| 10    | 985       |                   |                 |                 |                     |                                                                                   |                                                                    |                                                                                                                            |
| 15    | 980       |                   |                 |                 |                     |                                                                                   |                                                                    |                                                                                                                            |

|                                                                                                                                                                    |                                                                                                                                                                                            |
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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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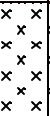
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| <b>Date Start/Finish:</b> 7/8/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533336.9<br><b>Easting:</b> 130607.3<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 979.0258<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-33-SB-3<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-33 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                                            | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 980   |           |                   |                 |                 |                     |                                                                                   |                                                                                      |                                                                                                                            |
| 0     |           | 1                 | 0-1             | 1.9             | 0.0                 |  | Light brown fine SAND, little fine Gravel, trace Organic Matter and Concrete. [FILL] | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.0                 |  | Brown fine SAND and SILT, some fine Gravel, trace Organic Matter.                    |                                                                                                                            |
| 975   |           |                   |                 |                 |                     |                                                                                   |                                                                                      |                                                                                                                            |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                                      |                                                                                                                            |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                                                      |                                                                                                                            |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                                      |                                                                                                                            |
| 965   |           |                   |                 |                 |                     |                                                                                   |                                                                                      |                                                                                                                            |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                                      |                                                                                                                            |

|                                                                                     |                                                                                                                 |
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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|



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| <b>Date Start/Finish:</b> 7/7/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Tractor Mounted Power Probe<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533321.6<br><b>Easting:</b> 130585.9<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 983.1223<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-33-SB-4<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-33 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm)                                                               | Geologic Column                                                                   | Stratigraphic Description                                             | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 985   |           |                   |                 |                 |                                                                                   |                                                                                   |                                                                       |                                                                                                                         |
| 0     |           | 1                 | 0-1             | 2.4             | 0.0                                                                               |  | Light brown SILT and fine SAND, trace fine Gravel and Organic Matter. |  Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 0.2             |  | Same as above, trace Coal/Ash and Slag. [FILL]                                    |                                                                       |                                                                                                                         |
| 980   |           |                   |                 |                 |                                                                                   |                                                                                   |                                                                       |                                                                                                                         |
| 5     |           |                   |                 |                 |                                                                                   |                                                                                   |                                                                       |                                                                                                                         |
| 975   |           |                   |                 |                 |                                                                                   |                                                                                   |                                                                       |                                                                                                                         |
| 10    |           |                   |                 |                 |                                                                                   |                                                                                   |                                                                       |                                                                                                                         |
| 970   |           |                   |                 |                 |                                                                                   |                                                                                   |                                                                       |                                                                                                                         |
| 15    |           |                   |                 |                 |                                                                                   |                                                                                   |                                                                       |                                                                                                                         |

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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 7/8/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533329.9<br><b>Easting:</b> 130565.5<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 977.6801<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-33-SB-5<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-33 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                            | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|----------------------------------------------------------------------|-------------------------------------|
| 980   |           |                   |                 |                 |                     |                 |                                                                      |                                     |
| 0     |           | 1                 | 0-1             | 2.0             | 0.0                 |                 | Brown fine SAND and SILT, some fine Gravel and trace Organic Matter. | Borehole backfilled with Bentonite. |
| 975   |           | 2                 | 1-3             |                 | 0.0                 |                 |                                                                      |                                     |
| 5     |           |                   |                 |                 |                     |                 |                                                                      |                                     |
| 970   |           |                   |                 |                 |                     |                 |                                                                      |                                     |
| 10    |           |                   |                 |                 |                     |                 |                                                                      |                                     |
| 965   |           |                   |                 |                 |                     |                 |                                                                      |                                     |
| 15    |           |                   |                 |                 |                     |                 |                                                                      |                                     |



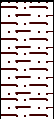
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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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| <b>Date Start/Finish:</b> 7/8/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533314.8<br><b>Easting:</b> 130531.3<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 983.4184<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-33-SB-6<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-33 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                               | Stratigraphic Description                                    | Boring Construction                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------|
| 985   |           |                   |                 |                 |                     |                                                                                               |                                                              |                                         |
| 0     |           | 1                 | 0-1             | 2.2             | 0.0                 |                                                                                               | Light brown fine SAND, trace fine Gravel and Organic Matter. | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 0.2             |                     | Brown fine SAND and SILT, little fine to medium Gravel, trace Organic Matter and Slag. [FILL] |                                                              |                                         |
| 980   |           |                   |                 |                 |                     |                                                                                               |                                                              |                                         |
| 5     |           |                   |                 |                 |                     |                                                                                               |                                                              |                                         |
|       |           |                   |                 |                 |                     |                                                                                               |                                                              |                                         |
| 975   |           |                   |                 |                 |                     |                                                                                               |                                                              |                                         |
| 10    |           |                   |                 |                 |                     |                                                                                               |                                                              |                                         |
|       |           |                   |                 |                 |                     |                                                                                               |                                                              |                                         |
| 970   |           |                   |                 |                 |                     |                                                                                               |                                                              |                                         |
| 15    |           |                   |                 |                 |                     |                                                                                               |                                                              |                                         |

|  |                                                                                                                                                                                          |
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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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| <b>Date Start/Finish:</b> 7/7/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Tractor Mounted Power Probe<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533312.8<br><b>Easting:</b> 130512.8<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 977.6403<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-33-SB-7<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-33 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                              | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 980   |           |                   |                 |                 |                     |                                                                                   |                                                        |                                                                                                                            |
| 0     |           | 1                 | 0-1             |                 | 0.0                 |  | Light brown SILT and fine SAND, trace Organic Matter.  | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 2.2             | 0.0                 |  | Dark brown SILT, trace Organic Matter and fine Gravel. |                                                                                                                            |
| 975   |           |                   |                 |                 |                     |                                                                                   |                                                        |                                                                                                                            |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                        |                                                                                                                            |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                        |                                                                                                                            |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                        |                                                                                                                            |
| 965   |           |                   |                 |                 |                     |                                                                                   |                                                        |                                                                                                                            |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                        |                                                                                                                            |




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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 9/16/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> RWB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533213.1988<br><b>Easting:</b> 130863.0584<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 981.4503<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-34-SB-1<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-34 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                   | Boring Construction                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|-----------------------------------------------------------------------------|-----------------------------------------|
| 0     |           |                   |                 |                 |                     |                 |                                                                             |                                         |
|       | 980       | 1                 | 0-1             | 0.5             | 0.0                 |                 | Dark brown SILT, little fine Sand, little Organic Matter and Gravel, moist. | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 1.2             | 0.0                 |                 | Brown SILT, little fine Sand, trace Gravel.                                 |                                         |
| 5     |           |                   |                 |                 |                     |                 |                                                                             |                                         |
|       | 975       |                   |                 |                 |                     |                 |                                                                             |                                         |
| 10    |           |                   |                 |                 |                     |                 |                                                                             |                                         |
|       | 970       |                   |                 |                 |                     |                 |                                                                             |                                         |
| 15    |           |                   |                 |                 |                     |                 |                                                                             |                                         |




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| <br><b>BBL</b><br>BLASLAND, BOUCK & LEE, INC.<br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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| <b>Date Start/Finish:</b> 9/16/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> RWB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533236.3388<br><b>Easting:</b> 130827.5216<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 976.0454<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-34-SB-2<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-34 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headpace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                                        | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|--------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 0     |           |                   |                 |                 |                    |                                                                                   |                                                                                  |                                                                                                                            |
| 975   |           | 1                 | 0-1             | 0.7             | 10.1               |  | Black SILT, little fine Sand, trace Gravel and Organic Matter, strong odor, wet. | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 1.7             | 10.5               |  | Black SILT, little fine Sand, trace Gravel, strong odor, wet.                    |                                                                                                                            |
| 5     |           |                   |                 |                 |                    |                                                                                   |                                                                                  |                                                                                                                            |
| 970   |           |                   |                 |                 |                    |                                                                                   |                                                                                  |                                                                                                                            |
| 10    |           |                   |                 |                 |                    |                                                                                   |                                                                                  |                                                                                                                            |
| 965   |           |                   |                 |                 |                    |                                                                                   |                                                                                  |                                                                                                                            |
| 15    |           |                   |                 |                 |                    |                                                                                   |                                                                                  |                                                                                                                            |

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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 9/16/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> RWB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533227.7481<br><b>Easting:</b> 130807.5117<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 981.5659<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-34-SB-3<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-34 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                              | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 0     |           | 1                 | 0-1             | 0.8             | 0.0                 |  | Brown SILT with fine Sand, little Gravel, trace Organic Matter, moist. | <br>Borehole backfilled with Bentonite. |
| 980   |           | 2                 | 1-3             | 1.8             | 0.0                 |  | Brown SILT, little fine Sand and Gravel, moist.                        |                                                                                                                            |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                        |                                                                                                                            |
| 975   |           |                   |                 |                 |                     |                                                                                   |                                                                        |                                                                                                                            |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                        |                                                                                                                            |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                                        |                                                                                                                            |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                        |                                                                                                                            |

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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs.<br>EPA split ID: SL-BH001093-0-0010 (PCBs, 0-1'). |
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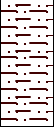
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| <b>Date Start/Finish:</b> 9/16/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> RWB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533257.3968<br><b>Easting:</b> 130788.0037<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 977.5385<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-34-SB-4<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-34 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                  | Boring Construction                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|------------------------------------------------------------|-----------------------------------------|
| 980   |           |                   |                 |                 |                     |                 |                                                            |                                         |
| 0     |           | 1                 | 0-1             | 0.7             | 0.0                 |                 | Brown SILT, trace fine Sand and Gravel, moist.             | <br>Borehole backfilled with Bentonite. |
| 975   |           | 2                 | 1-3             | 1.7             | 0.0                 |                 | Orange-brown SILT, little fine Sand and trace Gravel, wet. |                                         |
| 5     |           |                   |                 |                 |                     |                 |                                                            |                                         |
| 970   |           |                   |                 |                 |                     |                 |                                                            |                                         |
| 10    |           |                   |                 |                 |                     |                 |                                                            |                                         |
| 965   |           |                   |                 |                 |                     |                 |                                                            |                                         |
| 15    |           |                   |                 |                 |                     |                 |                                                            |                                         |

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| <br><b>BBL</b><br>BLASLAND, BOUCK & LEE, INC.<br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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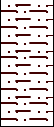



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| <b>Date Start/Finish:</b> 9/16/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> RWB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533263.928<br><b>Easting:</b> 130762.3188<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 980.6402<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-34-SB-5<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-34 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                      | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 0     | 980       | 1                 | 0-1             | 0.7             | NA                  |  | Brown SILT, trace Organic Matter, fine Sand and Gravel, moist. | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 1.7             | NA                  |  | Brown SILT, little Gravel, trace fine Sand, moist.             |                                                                                                                            |
| 5     | 975       |                   |                 |                 |                     |                                                                                   |                                                                |                                                                                                                            |
| 10    | 970       |                   |                 |                 |                     |                                                                                   |                                                                |                                                                                                                            |
| 15    | 965       |                   |                 |                 |                     |                                                                                   |                                                                |                                                                                                                            |




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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 9/16/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> RWB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533297.2849<br><b>Easting:</b> 130749.6566<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 976.6381<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-34-SB-6<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-34 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                           | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 0     |           | 1                 | 0-1             | 0.6             | 0.0                 |  | Brown SILT, little Organic Matter, trace fine Sand and Gravel, wet. | <br>Borehole backfilled with Bentonite. |
| 975   |           | 2                 | 1-3             | 1.6             | 0.0                 |  | Brown SILT, little fine Sand and Gravel, moist.                     |                                                                                                                            |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                     |                                                                                                                            |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                                     |                                                                                                                            |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                     |                                                                                                                            |
| 965   |           |                   |                 |                 |                     |                                                                                   |                                                                     |                                                                                                                            |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                     |                                                                                                                            |




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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 9/16/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> RWB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533294.2736<br><b>Easting:</b> 130723.7468<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 982.8793<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-34-SB-7<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-34 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 985   |           |                   |                 |                 |                     |                                                                                   |                                                          |                                                                                                                            |
| 0     |           | 1                 | 0-1             | 0.7             | 0.0                 |  | Dark brown SILT, trace Organic Matter and Gravel, moist. | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 1.7             | 0.0                 |  |                                                          |                                                                                                                            |
| 980   |           |                   |                 |                 |                     |                                                                                   |                                                          |                                                                                                                            |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                          |                                                                                                                            |
| 975   |           |                   |                 |                 |                     |                                                                                   |                                                          |                                                                                                                            |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                          |                                                                                                                            |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                          |                                                                                                                            |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                          |                                                                                                                            |

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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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| <b>Date Start/Finish:</b> 9/16/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> RWB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533314.4272<br><b>Easting:</b> 130707.0685<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 977.5781<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-34-SB-8<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-34 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                             | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 980   |           |                   |                 |                 |                     |                                                                                   |                                                                       |                                                                                                                            |
| 0     |           | 1                 | 0-1             | 0.8             | 0.0                 |  | Brown SILT, little Organic Matter, trace fine Sand and Gravel, moist. | <br>Borehole backfilled with Bentonite. |
| 975   |           | 2                 | 1-3             | 1.8             | 0.0                 |  | Brown SILT, trace fine Sand and Gravel, moist.                        |                                                                                                                            |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                       |                                                                                                                            |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                                       |                                                                                                                            |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                       |                                                                                                                            |
| 965   |           |                   |                 |                 |                     |                                                                                   |                                                                       |                                                                                                                            |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                       |                                                                                                                            |

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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs;<br>MS/MSD collected (PCBs, 1-3'). |
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| <b>Date Start/Finish:</b> 9/16/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> RWB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533319.8405<br><b>Easting:</b> 130679.285<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 982.8369<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-34-SB-9<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-34 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                | Boring Construction                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|--------------------------------------------------------------------------|-----------------------------------------|
| 985   |           |                   |                 |                 |                     |                 |                                                                          |                                         |
| 0     |           | 1                 | 0-1             | 0.7             | 0.0                 |                 | Brown SILT, trace Organic Matter, little Gravel, trace fine Sand, moist. | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 1.7             | 0.0                 |                 | Dark orange-brown SILT, trace Gravel and Organic Matter, moist.          |                                         |
| 980   |           |                   |                 |                 |                     |                 |                                                                          |                                         |
| 5     |           |                   |                 |                 |                     |                 |                                                                          |                                         |
| 975   |           |                   |                 |                 |                     |                 |                                                                          |                                         |
| 10    |           |                   |                 |                 |                     |                 |                                                                          |                                         |
| 970   |           |                   |                 |                 |                     |                 |                                                                          |                                         |
| 15    |           |                   |                 |                 |                     |                 |                                                                          |                                         |

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| <br><b>BBL</b><br>BLASLAND, BOUCK & LEE, INC.<br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs;<br>Duplicate sample ID: SL-Dup-21 (PCBs, 1-3'). |
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| <b>Date Start/Finish:</b> 6/23/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Electric Jack Hammer<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533021.2<br><b>Easting:</b> 129483.3<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 11' below grade<br><b>Surface Elevation:</b> 990.6176<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-9-SB-1<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-9 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                                                       | Boring Construction |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|-----------------------------------------------------------------------------------------------------------------|---------------------|
| 0     | 990       | 1                 | 0-1             | 3.0             | 0.8                 |                 | Brown fine SAND and SILT, some Organic Matter, moist.                                                           |                     |
|       |           | 2                 | 1-3             |                 | 1.2                 |                 | Black coarse to medium SAND, some fine Sand and Silt, little fine to coarse Gravel, wet, slight petroleum odor. |                     |
|       |           | 3                 | 3-5             | 0.5             | 0.4                 |                 | Gray SILT, little Shells, wet. [MARL]                                                                           |                     |
| 5     | 985       | 4                 | 5-7             |                 | 0.2                 |                 | Gray-black SILT, some fine to coarse Gravel, wet.                                                               |                     |
|       |           | 5                 | 7-9             | 2.4             | 0.0                 |                 | Gray fine SAND and SILT, wet.                                                                                   |                     |
| 10    | 980       | 6                 | 9-11            |                 | 0.0                 |                 |                                                                                                                 |                     |
|       |           |                   |                 |                 |                     |                 |                                                                                                                 |                     |
| 15    | 975       |                   |                 |                 |                     |                 |                                                                                                                 |                     |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs; 3-5': PCBs, SVOCs; 5-7': PCBs (analysis on hold);<br>7-9': PCBs (analysis on hold); 9-11': PCBs (analysis on hold). |
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| <b>Date Start/Finish:</b> 6/23/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Electric Jack Hammer<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533054.7<br><b>Easting:</b> 129457.6<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 11' below grade<br><b>Surface Elevation:</b> 982.7588<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-9-SB-2<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-9 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                                                     | Boring Construction                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| 985   |           |                   |                 |                 |                     |                 |                                                                                                               |                                         |
| 0     |           | 1                 | 0-1             | 1.8             | 0.0                 |                 | Brown fine SAND and SILT, little fine to medium Gravel, trace Organic Matter.                                 | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.0                 |                 |                                                                                                               |                                         |
| 980   |           | 3                 | 3-5             | 1.2             | 0.0                 |                 | Black-brown fine to coarse SAND, some fine to coarse Gravel, trace Silt, wet.                                 |                                         |
| 5     |           | 4                 | 5-7             |                 | 0.0                 |                 |                                                                                                               |                                         |
|       |           | 5                 | 7-9             | 3.3             | 0.4                 |                 | Black coarse to fine SAND, some Silt, fine to coarse Gravel and Porcelain, wet, slight petroleum odor. [FILL] |                                         |
| 975   |           | 6                 | 9-11            |                 | 0.0                 |                 |                                                                                                               |                                         |
| 10    |           |                   |                 |                 |                     |                 |                                                                                                               |                                         |
|       |           |                   |                 |                 |                     |                 |                                                                                                               |                                         |
| 970   |           |                   |                 |                 |                     |                 |                                                                                                               |                                         |
| 15    |           |                   |                 |                 |                     |                 |                                                                                                               |                                         |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs; 3-5': PCBs;<br>5-7': PCBs (analysis on hold); 7-9': PCBs (analysis on hold);<br>9-11': PCBs (analysis on hold).<br>EPA split ID: SL-BH001031-0-0050 (PCBs, VOCs, SVOCs, Inorganics;<br>5-7'). |
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| <b>Date Start/Finish:</b> 6/20/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Tractor Mounted Power Probe<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533070.0<br><b>Easting:</b> 129431.7<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 11' below grade<br><b>Surface Elevation:</b> 975.8925<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-9-SB-3<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-9 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                                       | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|-------------------------------------------------------------------------------------------------|-------------------------------------|
| 0     |           |                   |                 |                 |                     |                 |                                                                                                 |                                     |
| 975   |           | 1                 | 0-1             | 2.1             | 0.4                 |                 | Dark brown to black SILT, little fine to medium Sand and Organic Matter, trace Gravel, wet.     | Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.7                 |                 | Dark gray-brown fine SAND, little Silt, Grass and Organic Matter, trace Shells and Gravel, wet. |                                     |
|       |           | 3                 | 3-5             | 3.0             | 0.4                 |                 | Gray-brown fine SAND, trace Organic Matter, wet.                                                |                                     |
| 5     |           |                   |                 |                 |                     |                 | Gray-brown fine SAND, little Silt, wet.                                                         |                                     |
| 970   |           | 4                 | 5-7             | 0.3             |                     |                 |                                                                                                 |                                     |
|       |           | 5                 | 7-9             | 3.5             | 0.2                 |                 | Gray fine SAND, little Silt, trace Marrow, wet.                                                 |                                     |
| 10    |           | 6                 | 9-11            |                 | 0.2                 |                 |                                                                                                 |                                     |
| 965   |           |                   |                 |                 |                     |                 |                                                                                                 |                                     |
|       |           |                   |                 |                 |                     |                 |                                                                                                 |                                     |
|       |           |                   |                 |                 |                     |                 |                                                                                                 |                                     |
| 15    |           |                   |                 |                 |                     |                 |                                                                                                 |                                     |
| 960   |           |                   |                 |                 |                     |                 |                                                                                                 |                                     |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF; 3-5': PCBs;<br>5-7': PCBs (analysis on hold); 7-9': PCBs (analysis on hold);<br>9-11': PCBs (analysis on hold); Duplicate sample ID: SL-Dup-11(PCBs,<br>7-9' [analysis on hold]); MS/MSD collected (PCBs, 9-11' [analysis on hold]). |
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| <b>Date Start/Finish:</b> 6/24/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 2' Macrocore | <b>Northing:</b> 533056.3<br><b>Easting:</b> 129476.6<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 1' below grade<br><b>Surface Elevation:</b> 976.3662<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-9-SS-1<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-9 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                         | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|-----------------------------------------------------------------------------------|-------------------------------------|
| 0     |           | 1                 | 0-1             | 1.0             | 0.0                 |                 | Brown SILT and fine SAND, little fine to medium Gravel and Organic Matter, moist. | Borehole backfilled with Bentonite. |
| 975   |           |                   |                 |                 |                     |                 |                                                                                   |                                     |
| 5     |           |                   |                 |                 |                     |                 |                                                                                   |                                     |
| 970   |           |                   |                 |                 |                     |                 |                                                                                   |                                     |
| 10    |           |                   |                 |                 |                     |                 |                                                                                   |                                     |
| 965   |           |                   |                 |                 |                     |                 |                                                                                   |                                     |
| 15    |           |                   |                 |                 |                     |                 |                                                                                   |                                     |


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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs. |
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| <b>Date Start/Finish:</b> 6/24/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 2' Macrocore | <b>Northing:</b> 533063.0<br><b>Easting:</b> 129410.0<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 1' below grade<br><b>Surface Elevation:</b> 980.7068<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-9-SS-2<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-9 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                                                                | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 0     | 980       | 1                 | 0-1             | 1.0             | 0.0                 |  | Brown fine SAND and SILT, some Organic Matter.<br>COAL, SLAG, ASH, some brown fine Sand and Silt. [FILL] |  Borehole backfilled with Bentonite. |
| 5     | 975       |                   |                 |                 |                     |                                                                                   |                                                                                                          |                                                                                                                         |
| 10    | 970       |                   |                 |                 |                     |                                                                                   |                                                                                                          |                                                                                                                         |
| 15    | 965       |                   |                 |                 |                     |                                                                                   |                                                                                                          |                                                                                                                         |



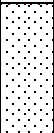
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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs. |
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| <b>Date Start/Finish:</b> 6/24/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 2' Macrocore | <b>Northing:</b> 533094.3<br><b>Easting:</b> 129407.3<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 1' below grade<br><b>Surface Elevation:</b> 980.0882<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> I9-9-9-SS-3<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Parcel I9-9-9 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                                                           | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 0     | 980       | 1                 | 0-1             | 1.0             | 2.1                 |                 | Brown SILT and fine SAND, some Organic Matter.<br>Black fine to medium SAND, some Silt, wet, slight petroleum odor. |  Borehole backfilled with Bentonite. |
| 5     | 975       |                   |                 |                 |                     |                 |                                                                                                                     |                                                                                                                         |
| 10    | 970       |                   |                 |                 |                     |                 |                                                                                                                     |                                                                                                                         |
| 15    | 965       |                   |                 |                 |                     |                 |                                                                                                                     |                                                                                                                         |

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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs. |
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| <b>Date Start/Finish:</b> 6/9/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Slide Hammer<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533466.0<br><b>Easting:</b> 129355.8<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 976.7652<br><br><b>Descriptions By:</b> SLL | <b>Boring ID:</b> RA-1-SB-1<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 1 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                                                | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 0     |           |                   |                 |                 |                     |                                                                                   |                                                                                          |                                                                                                                            |
|       |           | 1                 | 0-1             |                 | 0.1                 |  | Dark brown fine SAND and SILT, trace coarse Sand and Roots.                              | <br>Borehole backfilled with Bentonite. |
| 975   |           | 2                 | 1-3             | 1.6             | 0.3                 |  | Dark brown fine to coarse SAND, little Silt, slight petroleum odor.<br>Wet below 2' bgs. |                                                                                                                            |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                                          |                                                                                                                            |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                                                          |                                                                                                                            |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                                          |                                                                                                                            |
| 965   |           |                   |                 |                 |                     |                                                                                   |                                                                                          |                                                                                                                            |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                                          |                                                                                                                            |



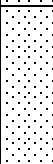
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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/9/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Slide Hammer<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533505.5<br><b>Easting:</b> 129382.4<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 978.9407<br><br><b>Descriptions By:</b> SLL | <b>Boring ID:</b> RA-1-SB-2<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 1 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                          | Boring Construction |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|------------------------------------------------------------------------------------|---------------------|
| 980   |           |                   |                 |                 |                     |                 |                                                                                    |                     |
| 0     |           | 1                 | 0-1             | 1.6             | 0.4                 |                 | Dark brown fine SAND and SILT, trace medium Sand and Roots, moist.                 |                     |
|       |           | 2                 | 1-3             |                 | 0.2                 |                 | Light brown fine SAND, little medium to coarse Sand, fine to medium Gravel, moist. |                     |
|       |           |                   |                 |                 |                     |                 | Dark brown fine to coarse SAND and SILT, trace coarse Gravel, moist.               |                     |
| 975   |           |                   |                 |                 |                     |                 |                                                                                    |                     |
| 5     |           |                   |                 |                 |                     |                 |                                                                                    |                     |
| 970   |           |                   |                 |                 |                     |                 |                                                                                    |                     |
| 10    |           |                   |                 |                 |                     |                 |                                                                                    |                     |
| 965   |           |                   |                 |                 |                     |                 |                                                                                    |                     |
| 15    |           |                   |                 |                 |                     |                 |                                                                                    |                     |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/9/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Slide Hammer<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533538.4<br><b>Easting:</b> 129437.1<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 979.1926<br><br><b>Descriptions By:</b> SLL | <b>Boring ID:</b> RA-1-SB-3<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 1 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                                                  | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 980   |           |                   |                 |                 |                     |                                                                                   |                                                                                            |                                                                                                                         |
| 0     |           | 1                 | 0-1             | 1.6             | 0.3                 |  | Dark brown fine SAND, little coarse Sand, and fine Gravel, trace roots, moist.             |  Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.1                 |  | Dark brown fine to coarse SAND, little fine to coarse Gravel and Silt, trace roots, moist. |                                                                                                                         |
| 975   |           |                   |                 |                 |                     |                                                                                   |                                                                                            |                                                                                                                         |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                                            |                                                                                                                         |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                                                            |                                                                                                                         |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                                            |                                                                                                                         |
| 965   |           |                   |                 |                 |                     |                                                                                   |                                                                                            |                                                                                                                         |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                                            |                                                                                                                         |

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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF.<br>Duplicate sample ID: RA-1-SB-Dup-2 (VOCs, SVOCs, Inorganics, PCDD/PCDF; 1-3'). |
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| <b>Date Start/Finish:</b> 6/9/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Slide Hammer<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533604.9<br><b>Easting:</b> 129516.1<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 980.1737<br><br><b>Descriptions By:</b> SLL | <b>Boring ID:</b> RA-1-SB-4<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 1 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                                         | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|---------------------------------------------------------------------------------------------------|-------------------------------------|
| 0     | 980       | 1                 | 0-1             | 1.9             | 0.6                 |                 | Dark brown fine SAND, little medium Sand and Silt, trace coarse sand, fine gravel and roots, dry. | Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.4                 |                 | Dark brown fine to coarse SAND, little Ash, Slag and Brick, moist.                                |                                     |
| 5     | 975       |                   |                 |                 |                     |                 |                                                                                                   |                                     |
| 10    | 970       |                   |                 |                 |                     |                 |                                                                                                   |                                     |
| 15    | 965       |                   |                 |                 |                     |                 |                                                                                                   |                                     |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
|--|-----------------------------------------------------------------------------------------------------------------|

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| <b>Date Start/Finish:</b> 6/9/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Slide Hammer<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533658.1<br><b>Easting:</b> 129590.5<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 976.6272<br><br><b>Descriptions By:</b> SLL | <b>Boring ID:</b> RA-1-SB-5<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 1 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                                               | Boring Construction |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|---------------------------------------------------------------------------------------------------------|---------------------|
| 0     |           |                   |                 |                 |                     |                 |                                                                                                         |                     |
|       | 975       | 1                 | 0-1             | 1.5             | 0.1                 |                 | Dark brown SILT with Organic Matter.                                                                    |                     |
|       |           | 2                 | 1-3             |                 | 1.1                 |                 | Black fine to coarse SAND, Silt and Organic Matter, little gravel, trace concrete, petroleum odor, wet. |                     |
| 5     |           |                   |                 |                 |                     |                 |                                                                                                         |                     |
|       | 970       |                   |                 |                 |                     |                 |                                                                                                         |                     |
|       |           |                   |                 |                 |                     |                 |                                                                                                         |                     |
| 10    |           |                   |                 |                 |                     |                 |                                                                                                         |                     |
|       | 965       |                   |                 |                 |                     |                 |                                                                                                         |                     |
|       |           |                   |                 |                 |                     |                 |                                                                                                         |                     |
| 15    |           |                   |                 |                 |                     |                 |                                                                                                         |                     |

|  |                                                                                                                 |
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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
|--|-----------------------------------------------------------------------------------------------------------------|



|                                                                                                                                                                                                                                       |                                                                                                                                                                                                            |                                                                                                                                    |
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| <b>Date Start/Finish:</b> 6/10/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533704.0<br><b>Easting:</b> 129623.5<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 981.9359<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-1-SB-6<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 1 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                            | Boring Construction |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|----------------------------------------------------------------------|---------------------|
| 0     |           | 1                 | 0-1             |                 | 0.0                 |                 | Dark brown fine SAND and SILT, little Organics, moist.               |                     |
| 980   |           | 2                 | 1-3             | 1.7             | 0.0                 |                 | Dark brown fine to medium SAND, some Silt and fine to medium Gravel. |                     |
| 5     |           |                   |                 |                 |                     |                 |                                                                      |                     |
| 975   |           |                   |                 |                 |                     |                 |                                                                      |                     |
| 10    |           |                   |                 |                 |                     |                 |                                                                      |                     |
| 970   |           |                   |                 |                 |                     |                 |                                                                      |                     |
| 15    |           |                   |                 |                 |                     |                 |                                                                      |                     |




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


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| <b>Date Start/Finish:</b> 6/10/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533678.0<br><b>Easting:</b> 129671.7<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 976.5596<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-1-SB-7<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 1 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                                                   | Boring Construction |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|-------------------------------------------------------------------------------------------------------------|---------------------|
| 0     |           |                   |                 |                 |                     |                 |                                                                                                             |                     |
| 975   |           | 1                 | 0-1             | 1.5             | 0.0                 |                 | Brown fine to medium SAND, trace Silt and Organic Matter, moist.                                            |                     |
|       |           | 2                 | 1-3             |                 | 16.8                |                 | Dark brown fine SAND and SILT, some Organic Matter and fine to medium Gravel, slight petroleum odor, moist. |                     |
| 5     |           |                   |                 |                 |                     |                 |                                                                                                             |                     |
| 970   |           |                   |                 |                 |                     |                 |                                                                                                             |                     |
| 10    |           |                   |                 |                 |                     |                 |                                                                                                             |                     |
| 965   |           |                   |                 |                 |                     |                 |                                                                                                             |                     |
| 15    |           |                   |                 |                 |                     |                 |                                                                                                             |                     |


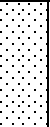
|  |                                                                                                                                                                |
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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs.<br>Duplicate sample ID: RA-Dup-3 (PCBs, 1-3'). |
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| <b>Date Start/Finish:</b> 6/10/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533736.9<br><b>Easting:</b> 129687.8<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 983.8556<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-2-SB-1<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 2 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm)                                                               | Geologic Column                                                                     | Stratigraphic Description                                        | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 985   |           |                   |                 |                 |                                                                                   |                                                                                     |                                                                  |                                                                                                                            |
| 0     |           | 1                 | 0-1             | 1.9             | 0.0                                                                               |    | Dark brown fine to medium SAND, some Silt, trace organic matter. | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 0.6             |  | Dark brown fine to medium SAND, trace Silt, fine to medium Gravel and Brick. [FILL] |                                                                  |                                                                                                                            |
| 980   |           |                   |                 |                 |                                                                                   |                                                                                     |                                                                  |                                                                                                                            |
| 5     |           |                   |                 |                 |                                                                                   |                                                                                     |                                                                  |                                                                                                                            |
| 975   |           |                   |                 |                 |                                                                                   |                                                                                     |                                                                  |                                                                                                                            |
| 10    |           |                   |                 |                 |                                                                                   |                                                                                     |                                                                  |                                                                                                                            |
| 970   |           |                   |                 |                 |                                                                                   |                                                                                     |                                                                  |                                                                                                                            |
| 15    |           |                   |                 |                 |                                                                                   |                                                                                     |                                                                  |                                                                                                                            |



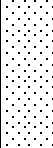
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| <br><b>BBL</b><br>BLASLAND, BOUCK & LEE, INC.<br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/10/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533686.2<br><b>Easting:</b> 129735.5<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 981.7137<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-2-SB-2<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 2 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                                  | Boring Construction                                                                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 0     |           |                   |                 |                 |                     |                                                                                   | No Sample Collected.                                                       |  |
| 980   |           | 1                 | 0-1             | NA              | NA                  |                                                                                   |                                                                            |                                                                                     |
|       |           | 2                 | 1-3             | 1.8             | 0.0                 |  | Dark brown fine SAND, some Silt and medium Sand, trace fine gravel, moist. |                                                                                     |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                            |                                                                                     |
| 975   |           |                   |                 |                 |                     |                                                                                   |                                                                            |                                                                                     |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                            |                                                                                     |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                                            |                                                                                     |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                            |                                                                                     |

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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/10/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533739.6<br><b>Easting:</b> 129799.5<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 983.4982<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-2-SB-3<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 2 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                                          | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 985   |           |                   |                 |                 |                     |                                                                                   |                                                                                    |                                                                                                                         |
| 0     |           | 1                 | 0-1             | 3.0             | 0.0                 |  | Light brown fine to coarse SAND, some Silt and Organic Matter.                     |  Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.0                 |  | Dark brown fine to medium SAND, trace Silt, coarse Sand and fine to coarse Gravel. |                                                                                                                         |
| 980   |           |                   |                 |                 |                     |                                                                                   |                                                                                    |                                                                                                                         |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                                    |                                                                                                                         |
| 975   |           |                   |                 |                 |                     |                                                                                   |                                                                                    |                                                                                                                         |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                                    |                                                                                                                         |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                                                    |                                                                                                                         |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                                    |                                                                                                                         |


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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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| <b>Date Start/Finish:</b> 6/10/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533718.3<br><b>Easting:</b> 129850.5<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 981.7449<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-2-SB-4<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 2 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column  | Stratigraphic Description                                                          | Boring Construction                            |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|------------------|------------------------------------------------------------------------------------|------------------------------------------------|
| 0     |           | 1                 | 0-1             |                 | 0.0                 | [Dotted pattern] | Brown fine to medium SAND, some Silt, fine to medium Gravel, trace organic matter. | [Grey bar] Borehole backfilled with Bentonite. |
| 980   |           | 2                 | 1-3             | 2.1             | 0.0                 |                  |                                                                                    |                                                |
| 5     |           |                   |                 |                 |                     |                  |                                                                                    |                                                |
| 975   |           |                   |                 |                 |                     |                  |                                                                                    |                                                |
| 10    |           |                   |                 |                 |                     |                  |                                                                                    |                                                |
| 970   |           |                   |                 |                 |                     |                  |                                                                                    |                                                |
| 15    |           |                   |                 |                 |                     |                  |                                                                                    |                                                |


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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/10/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533739.6<br><b>Easting:</b> 129911.5<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 983.4851<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-2-SB-5<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 2 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                          | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 985   |           |                   |                 |                 |                     |                 |                                                    |                                                                                                                            |
| 0     |           | 1                 | 0-1             | 2.8             | 0.0                 |                 | Light brown fine SAND, trace Organic Matter.       | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.0                 |                 | Light brown fine SAND, some fine to coarse Gravel. |                                                                                                                            |
| 980   |           |                   |                 |                 |                     |                 |                                                    |                                                                                                                            |
| 5     |           |                   |                 |                 |                     |                 |                                                    |                                                                                                                            |
| 975   |           |                   |                 |                 |                     |                 |                                                    |                                                                                                                            |
| 10    |           |                   |                 |                 |                     |                 |                                                    |                                                                                                                            |
| 970   |           |                   |                 |                 |                     |                 |                                                    |                                                                                                                            |
| 15    |           |                   |                 |                 |                     |                 |                                                    |                                                                                                                            |

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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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

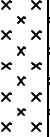
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| <b>Date Start/Finish:</b> 6/10/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533721.1<br><b>Easting:</b> 129981.5<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 981.2496<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-2-SB-6<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 2 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                             | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 0     |           |                   |                 |                 |                     |                 |                                                                                       |                                                                                                                            |
| 980   |           | 1                 | 0-1             | 2.4             | 0.0                 |                 | Brown fine SAND, some Silt and fine Gravel, moist.                                    | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.0                 |                 | Dark brown fine SAND, some Silt and medium Sand, little fine to coarse gravel, moist. |                                                                                                                            |
| 5     |           |                   |                 |                 |                     |                 |                                                                                       |                                                                                                                            |
| 975   |           |                   |                 |                 |                     |                 |                                                                                       |                                                                                                                            |
| 10    |           |                   |                 |                 |                     |                 |                                                                                       |                                                                                                                            |
| 970   |           |                   |                 |                 |                     |                 |                                                                                       |                                                                                                                            |
| 15    |           |                   |                 |                 |                     |                 |                                                                                       |                                                                                                                            |

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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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| <b>Date Start/Finish:</b> 6/10/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533765.9<br><b>Easting:</b> 130018.2<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 983.7298<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-2-SB-7<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 2 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                                                   | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 985   |           |                   |                 |                 |                     |                                                                                   |                                                                                             |                                                                                                                         |
| 0     |           | 1                 | 0-1             | 3.0             | 0.2                 |  | Brown fine to medium SAND, some Silt and Organic Matter, moist.                             |  Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 4.1                 |  | Dark brown fine to medium SAND, some Silt and fine to medium Gravel, trace coal/ash. [FILL] |                                                                                                                         |
| 980   |           |                   |                 |                 |                     |                                                                                   |                                                                                             |                                                                                                                         |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                                             |                                                                                                                         |
|       |           |                   |                 |                 |                     |                                                                                   |                                                                                             |                                                                                                                         |
| 975   |           |                   |                 |                 |                     |                                                                                   |                                                                                             |                                                                                                                         |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                                             |                                                                                                                         |
|       |           |                   |                 |                 |                     |                                                                                   |                                                                                             |                                                                                                                         |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                                                             |                                                                                                                         |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                                             |                                                                                                                         |

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|  <p><b>BBL</b><br/>         BLASLAND, BOUCK &amp; LEE, INC.<br/>         engineers &amp; scientists</p> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/10/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533763.9<br><b>Easting:</b> 130055.1<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 982.9922<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-2-SB-8<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 2 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                  | Stratigraphic Description                            | Boring Construction |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|----------------------------------------------------------------------------------|------------------------------------------------------|---------------------|
| 985   |           |                   |                 |                 |                     |                                                                                  |                                                      |                     |
| 0     |           | 1                 | 0-1             | 2.1             | 0.8                 |                                                                                  | Dark brown fine SAND and SILT, trace Organic Matter. |                     |
|       |           | 2                 | 1-3             | 1.2             |                     | Dark brown fine SAND and SILT, little fine to medium Gravel and Coal Ash. [FILL] |                                                      |                     |
| 980   |           |                   |                 |                 |                     |                                                                                  |                                                      |                     |
| 5     |           |                   |                 |                 |                     |                                                                                  |                                                      |                     |
| 975   |           |                   |                 |                 |                     |                                                                                  |                                                      |                     |
| 10    |           |                   |                 |                 |                     |                                                                                  |                                                      |                     |
| 970   |           |                   |                 |                 |                     |                                                                                  |                                                      |                     |
| 15    |           |                   |                 |                 |                     |                                                                                  |                                                      |                     |

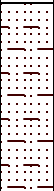

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 1-3': PCBs. |
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|                                                                                                                                                                                                                                       |                                                                                                                                                                                                            |                                                                                                                                    |
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| <b>Date Start/Finish:</b> 6/10/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533819.9<br><b>Easting:</b> 130116.7<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 983.5416<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-2-SB-9<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 2 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                 | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|-----------------------------------------------------------|-------------------------------------|
| 985   |           |                   |                 |                 |                     |                 |                                                           |                                     |
| 0     |           | 1                 | 0-1             | 2.4             | 0.0                 |                 | Light brown fine to coarse SAND, trace Organic Matter.    | Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.0                 |                 | Brown fine SAND, some Silt, little fine to medium gravel. |                                     |
| 980   |           |                   |                 |                 |                     |                 |                                                           |                                     |
| 5     |           |                   |                 |                 |                     |                 |                                                           |                                     |
| 975   |           |                   |                 |                 |                     |                 |                                                           |                                     |
| 10    |           |                   |                 |                 |                     |                 |                                                           |                                     |
| 970   |           |                   |                 |                 |                     |                 |                                                           |                                     |
| 15    |           |                   |                 |                 |                     |                 |                                                           |                                     |




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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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| <b>Date Start/Finish:</b> 6/10/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533834.2<br><b>Easting:</b> 130168.7<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 980.1204<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-2-SB-10<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 2 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                    | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 0     | 980       | 1                 | 0-1             | 1.5             | 0.0                 |  | Dark brown SILT and fine SAND, some Organic Matter and Wood. | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 0.0             | 0.0                 |                                                                                   |                                                              |                                                                                                                            |
| 5     | 975       |                   |                 |                 |                     |                                                                                   |                                                              |                                                                                                                            |
| 10    | 970       |                   |                 |                 |                     |                                                                                   |                                                              |                                                                                                                            |
| 15    | 965       |                   |                 |                 |                     |                                                                                   |                                                              |                                                                                                                            |

|                                                                                     |                                                                                                                 |
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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/10/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533888.1<br><b>Easting:</b> 130206.8<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 982.7554<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-2-SB-11<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 2 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                             | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 985   |           |                   |                 |                 |                     |                                                                                   |                                                                       |                                                                                                                            |
| 0     |           | 1                 | 0-1             | 2.0             | 0.0                 |  | Light brown fine SAND, some fine to medium Gravel and Organic Matter. | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.0                 |  | Dark brown fine SAND, trace Silt and fine to coarse Gravel, moist.    |                                                                                                                            |
| 980   |           |                   |                 |                 |                     |                                                                                   |                                                                       |                                                                                                                            |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                       |                                                                                                                            |
| 975   |           |                   |                 |                 |                     |                                                                                   |                                                                       |                                                                                                                            |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                       |                                                                                                                            |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                                       |                                                                                                                            |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                       |                                                                                                                            |




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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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| <b>Date Start/Finish:</b> 6/10/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533905.6<br><b>Easting:</b> 130258.3<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 977.0538<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-3-SB-1<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 3 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                                       | Boring Construction                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|-------------------------------------------------------------------------------------------------|-----------------------------------------|
| 980   |           |                   |                 |                 |                     |                 |                                                                                                 |                                         |
| 0     |           | 1                 | 0-1             | 2.0             | 0.7                 |                 | Brown fine to medium SAND, some fine to medium Gravel and Organic Matter, moist.                | <br>Borehole backfilled with Bentonite. |
| 975   |           | 2                 | 1-3             |                 | 31.6                |                 | Black fine to coarse SAND, some Silt, little fine to medium Gravel, wet, strong petroleum odor. |                                         |
| 5     |           |                   |                 |                 |                     |                 |                                                                                                 |                                         |
| 970   |           |                   |                 |                 |                     |                 |                                                                                                 |                                         |
| 10    |           |                   |                 |                 |                     |                 |                                                                                                 |                                         |
| 965   |           |                   |                 |                 |                     |                 |                                                                                                 |                                         |
| 15    |           |                   |                 |                 |                     |                 |                                                                                                 |                                         |



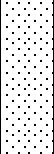
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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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| <b>Date Start/Finish:</b> 6/10/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533958.4<br><b>Easting:</b> 130282.2<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 982.9561<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-3-SB-2<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 3 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm)                                                               | Geologic Column                                                                          | Stratigraphic Description                                                               | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 985   |           |                   |                 |                 |                                                                                   |                                                                                          |                                                                                         |                                                                                                                            |
| 0     |           | 1                 | 0-1             | 2.3             | 0.4                                                                               |         | Brown fine to medium SAND, little Silt and fine to medium Gravel, trace organic matter. | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 1.2             |  | Dark brown fine to coarse SAND, some Silt, little fine to medium gravel and slag. [FILL] |                                                                                         |                                                                                                                            |
| 980   |           |                   |                 |                 |                                                                                   |                                                                                          |                                                                                         |                                                                                                                            |
| 5     |           |                   |                 |                 |                                                                                   |                                                                                          |                                                                                         |                                                                                                                            |
| 975   |           |                   |                 |                 |                                                                                   |                                                                                          |                                                                                         |                                                                                                                            |
| 10    |           |                   |                 |                 |                                                                                   |                                                                                          |                                                                                         |                                                                                                                            |
| 970   |           |                   |                 |                 |                                                                                   |                                                                                          |                                                                                         |                                                                                                                            |
| 15    |           |                   |                 |                 |                                                                                   |                                                                                          |                                                                                         |                                                                                                                            |

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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs;<br>Duplicate sample ID: RA-Dup-4 (PCBs, 1-3);<br>MS/MSD collected (PCBs, 0-1'). |
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


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| <b>Date Start/Finish:</b> 6/10/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533960.1<br><b>Easting:</b> 130333.0<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 976.6709<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-3-SB-3<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 3 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                                                   | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 0     |           |                   |                 |                 |                     |                                                                                   |                                                                                             |                                                                                                                         |
|       | 975       | 1                 | 0-1             | 2.0             | 10.2                |  | Brown fine SAND and SILT, little Organic Matter.                                            |  Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 27.1                |  | Black fine to coarse SAND, some Silt and fine to coarse Gravel, strong petroleum odor, wet. |                                                                                                                         |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                                             |                                                                                                                         |
|       | 970       |                   |                 |                 |                     |                                                                                   |                                                                                             |                                                                                                                         |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                                             |                                                                                                                         |
|       | 965       |                   |                 |                 |                     |                                                                                   |                                                                                             |                                                                                                                         |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                                             |                                                                                                                         |

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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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

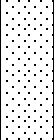



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| <b>Date Start/Finish:</b> 6/10/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 534010.7<br><b>Easting:</b> 130362.5<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 981.9014<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-3-SB-4<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 3 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm)                                                               | Geologic Column                                                                                 | Stratigraphic Description                   | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 0     |           |                   |                 |                 |                                                                                   |                                                                                                 |                                             |                                                                                                                            |
|       |           | 1                 | 0-1             | 2.8             | 0.0                                                                               |                | Light brown fine SAND, some Organic Matter. | <br>Borehole backfilled with Bentonite. |
| 980   |           | 2                 | 1-3             | 0.0             |  | Brown fine to medium SAND, some SILT, fine to medium Gravel, trace brick, coal and slag, [FILL] |                                             |                                                                                                                            |
| 5     |           |                   |                 |                 |                                                                                   |                                                                                                 |                                             |                                                                                                                            |
| 975   |           |                   |                 |                 |                                                                                   |                                                                                                 |                                             |                                                                                                                            |
| 10    |           |                   |                 |                 |                                                                                   |                                                                                                 |                                             |                                                                                                                            |
| 970   |           |                   |                 |                 |                                                                                   |                                                                                                 |                                             |                                                                                                                            |
| 15    |           |                   |                 |                 |                                                                                   |                                                                                                 |                                             |                                                                                                                            |

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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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| <b>Date Start/Finish:</b> 6/10/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 534022.0<br><b>Easting:</b> 130436.3<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 976.5851<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-3-SB-5<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 3 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                                                   | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 0     |           |                   |                 |                 |                     |                                                                                   |                                                                                             |                                                                                                                         |
|       | 975       | 1                 | 0-1             | 1.7             | 14.1                |  | Brown fine SAND and SILT, some Organic Matter.                                              |  Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 52.6                |  | Black fine to coarse SAND, some Silt and fine to medium Gravel, wet, strong petroleum odor. |                                                                                                                         |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                                             |                                                                                                                         |
|       | 970       |                   |                 |                 |                     |                                                                                   |                                                                                             |                                                                                                                         |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                                             |                                                                                                                         |
|       | 965       |                   |                 |                 |                     |                                                                                   |                                                                                             |                                                                                                                         |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                                             |                                                                                                                         |


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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/10/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 534072.0<br><b>Easting:</b> 130464.5<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 981.8281<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-3-SB-6<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 3 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                                 | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|-------------------------------------------------------------------------------------------|-------------------------------------|
| 0     |           |                   |                 |                 |                     |                 |                                                                                           |                                     |
|       |           | 1                 | 0-1             |                 | 0.0                 |                 | Brown fine SAND, some Silt and Organic Matter.                                            | Borehole backfilled with Bentonite. |
| 980   |           | 2                 | 1-3             | 1.5             | 0.0                 |                 | Brown-orange fine to coarse SAND, little Silt, Slag, Coal and Ash, trace concrete. [FILL] |                                     |
|       |           |                   |                 |                 |                     |                 |                                                                                           |                                     |
| 5     |           |                   |                 |                 |                     |                 |                                                                                           |                                     |
|       |           |                   |                 |                 |                     |                 |                                                                                           |                                     |
| 975   |           |                   |                 |                 |                     |                 |                                                                                           |                                     |
|       |           |                   |                 |                 |                     |                 |                                                                                           |                                     |
| 10    |           |                   |                 |                 |                     |                 |                                                                                           |                                     |
|       |           |                   |                 |                 |                     |                 |                                                                                           |                                     |
| 970   |           |                   |                 |                 |                     |                 |                                                                                           |                                     |
|       |           |                   |                 |                 |                     |                 |                                                                                           |                                     |
| 15    |           |                   |                 |                 |                     |                 |                                                                                           |                                     |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/11/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 534074.0<br><b>Easting:</b> 130524.6<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 978.5799<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-3-SB-7<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 3 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                           | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 980   |           |                   |                 |                 |                     |                 |                                                     |                                                                                                                            |
| 0     |           | 1                 | 0-1             | 1.6             | 0.0                 | ●●●●●●●●●●      | Black coarse SAND, some fine to coarse Gravel, wet. | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.0                 |                 |                                                     |                                                                                                                            |
| 975   |           |                   |                 |                 |                     |                 |                                                     |                                                                                                                            |
| 5     |           |                   |                 |                 |                     |                 |                                                     |                                                                                                                            |
| 970   |           |                   |                 |                 |                     |                 |                                                     |                                                                                                                            |
| 10    |           |                   |                 |                 |                     |                 |                                                     |                                                                                                                            |
| 965   |           |                   |                 |                 |                     |                 |                                                     |                                                                                                                            |
| 15    |           |                   |                 |                 |                     |                 |                                                     |                                                                                                                            |

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| <br><b>BBL</b><br>BLASLAND, BOUCK & LEE, INC.<br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/11/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 534113.0<br><b>Easting:</b> 130555.9<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 981.3673<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-3-SB-8<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 3 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                             | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|---------------------------------------------------------------------------------------|-------------------------------------|
| 0     |           |                   |                 |                 |                     |                 |                                                                                       |                                     |
| 980   |           | 1                 | 0-1             | 1.8             | 0.0                 |                 | Dark brown fine SAND and SILT, some Organic Matter, trace fine to medium Gravel, wet. | Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.0                 |                 |                                                                                       |                                     |
| 5     |           |                   |                 |                 |                     |                 |                                                                                       |                                     |
| 975   |           |                   |                 |                 |                     |                 |                                                                                       |                                     |
| 10    |           |                   |                 |                 |                     |                 |                                                                                       |                                     |
| 970   |           |                   |                 |                 |                     |                 |                                                                                       |                                     |
| 15    |           |                   |                 |                 |                     |                 |                                                                                       |                                     |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>MS/MSD collected (PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF; 1-3'). |
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| <b>Date Start/Finish:</b> 6/11/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 534149.4<br><b>Easting:</b> 130646.1<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 981.3349<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-3-SB-10<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 3 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                               | Boring Construction                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|-------------------------------------------------------------------------|-----------------------------------------|
| 0     |           |                   |                 |                 |                     |                 |                                                                         |                                         |
| 980   |           | 1                 | 0-1             | 2.1             | 0.0                 |                 | Brown fine SAND, some Silt, little organic matter.                      | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 0.4             | 0.4                 |                 | Dark brown fine to medium SAND, little Silt, Coal, Ash and Slag. [FILL] |                                         |
| 5     |           |                   |                 |                 |                     |                 |                                                                         |                                         |
| 975   |           |                   |                 |                 |                     |                 |                                                                         |                                         |
| 10    |           |                   |                 |                 |                     |                 |                                                                         |                                         |
| 970   |           |                   |                 |                 |                     |                 |                                                                         |                                         |
| 15    |           |                   |                 |                 |                     |                 |                                                                         |                                         |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/11/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 534164.9<br><b>Easting:</b> 130805.2<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 983.6795<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-3-SB-11<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 3 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                | Boring Construction |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|--------------------------------------------------------------------------|---------------------|
| 985   |           |                   |                 |                 |                     |                 |                                                                          |                     |
| 0     |           | 1                 | 0-1             | 1.5             | 0.0                 |                 | Dark brown fine SAND and SILT, some Organic Matter.                      |                     |
|       |           | 2                 | 1-3             |                 | 0.0                 |                 | Orange-brown fine to medium SAND, little Silt and fine to coarse Gravel. |                     |
| 980   |           |                   |                 |                 |                     |                 |                                                                          |                     |
| 5     |           |                   |                 |                 |                     |                 |                                                                          |                     |
| 975   |           |                   |                 |                 |                     |                 |                                                                          |                     |
| 10    |           |                   |                 |                 |                     |                 |                                                                          |                     |
| 970   |           |                   |                 |                 |                     |                 |                                                                          |                     |
| 15    |           |                   |                 |                 |                     |                 |                                                                          |                     |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>Duplicate sample ID: RA-Dup-5 (PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF; 1-3'). |
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

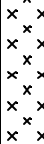



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| <b>Date Start/Finish:</b> 6/11/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 534142.5<br><b>Easting:</b> 130842.5<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 983.6193<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-3-SB-12<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 3 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                                        | Boring Construction |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|--------------------------------------------------------------------------------------------------|---------------------|
| 985   |           |                   |                 |                 |                     |                 |                                                                                                  |                     |
| 0     |           | 1                 | 0-1             | 1.7             | 0.0                 |                 | Dark brown SILT, some fine Sand and Organic Matter, wet.                                         |                     |
|       |           | 2                 | 1-3             |                 | 0.0                 |                 | Dark brown fine to coarse SAND, some fine to coarse Gravel, little silt and organic matter, wet. |                     |
| 980   |           |                   |                 |                 |                     |                 |                                                                                                  |                     |
| 5     |           |                   |                 |                 |                     |                 |                                                                                                  |                     |
| 975   |           |                   |                 |                 |                     |                 |                                                                                                  |                     |
| 10    |           |                   |                 |                 |                     |                 |                                                                                                  |                     |
| 970   |           |                   |                 |                 |                     |                 |                                                                                                  |                     |
| 15    |           |                   |                 |                 |                     |                 |                                                                                                  |                     |



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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/11/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 534130.8<br><b>Easting:</b> 130920.8<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 985.371<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-3-SB-13<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 3 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                  | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 0     | 985       | 1                 | 0-1             | 2.5             | 0.0                 |  | Dark brown fine SAND and SILT, some Organic Matter, moist. | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 0.0             | 0.0                 |  | COAL/ASH, moist. [FILL]                                    |                                                                                                                            |
| 5     | 980       |                   |                 |                 |                     |                                                                                   |                                                            |                                                                                                                            |
| 10    | 975       |                   |                 |                 |                     |                                                                                   |                                                            |                                                                                                                            |
| 15    | 970       |                   |                 |                 |                     |                                                                                   |                                                            |                                                                                                                            |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/11/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 534072.6<br><b>Easting:</b> 130952.2<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 982.191<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-3-SB-14<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 3 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                               | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 985   |           |                   |                 |                 |                     |                                                                                   |                                                         |                                                                                                                         |
| 0     |           | 1                 | 0-1             | 2.3             | 0.0                 |  | Dark brown SILT, some fine Sand, little organic matter. |  Borehole backfilled with Bentonite. |
| 980   |           | 2                 | 1-3             |                 | 0.0                 |  |                                                         |                                                                                                                         |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                         |                                                                                                                         |
| 975   |           |                   |                 |                 |                     |                                                                                   |                                                         |                                                                                                                         |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                         |                                                                                                                         |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                         |                                                                                                                         |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                         |                                                                                                                         |


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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/11/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 534074.9<br><b>Easting:</b> 131000.0<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 984.6<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-3-SB-15<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 3 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                                                                 | Boring Construction                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| 985   | 0         | 1                 | 0-1             | 1.8             | 0.0                 |                 | Dark brown SILT and fine SAND, some Organic Matter.<br>Dark brown fine SAND, some fine to coarse Gravel and Brick. [FILL] | <br>Borehole backfilled with Bentonite. |
| 980   | 5         | 2                 | 1-3             |                 | 0.0                 |                 |                                                                                                                           |                                         |
| 975   | 10        |                   |                 |                 |                     |                 |                                                                                                                           |                                         |
| 970   | 15        |                   |                 |                 |                     |                 |                                                                                                                           |                                         |


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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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| <b>Date Start/Finish:</b> 6/11/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 534039.6<br><b>Easting:</b> 131037.1<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 984.1584<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-4-SB-1<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 4 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                          | Stratigraphic Description                                                     | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|----------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 985   |           |                   |                 |                 |                     |                                                          |                                                                               |                                                                                                                            |
| 0     |           | 1                 | 0-1             | 2.1             | 0.0                 | x<br>x<br>x<br>x<br>x<br>x<br>x<br>x<br>x<br>x<br>x<br>x | Black coarse to fine SAND, some Coal, Ash, Slag, trace organic matter. [FILL] | <br>Borehole backfilled with Bentonite. |
| 2     |           | 2                 | 1-3             |                 | 0.8                 |                                                          |                                                                               |                                                                                                                            |
| 980   |           |                   |                 |                 |                     |                                                          |                                                                               |                                                                                                                            |
| 5     |           |                   |                 |                 |                     |                                                          |                                                                               |                                                                                                                            |
| 975   |           |                   |                 |                 |                     |                                                          |                                                                               |                                                                                                                            |
| 10    |           |                   |                 |                 |                     |                                                          |                                                                               |                                                                                                                            |
| 970   |           |                   |                 |                 |                     |                                                          |                                                                               |                                                                                                                            |
| 15    |           |                   |                 |                 |                     |                                                          |                                                                               |                                                                                                                            |

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| <br><b>BBL</b><br>BLASLAND, BOUCK & LEE, INC.<br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/11/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533978.9<br><b>Easting:</b> 131058.8<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 978.01<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-4-SB-2<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 4 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                          | Stratigraphic Description                                                        | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|----------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 980   |           |                   |                 |                 |                     |                                                          |                                                                                  |                                                                                                                            |
| 0     |           | 1                 | 0-1             | 2.0             | 0.0                 | x<br>x<br>x<br>x<br>x<br>x<br>x<br>x<br>x<br>x<br>x<br>x | Black SILT, some fine SAND, Brick, Slag, and Wood, little organic matter. [FILL] | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.6                 |                                                          |                                                                                  |                                                                                                                            |
| 975   |           |                   |                 |                 |                     |                                                          |                                                                                  |                                                                                                                            |
| 5     |           |                   |                 |                 |                     |                                                          |                                                                                  |                                                                                                                            |
| 970   |           |                   |                 |                 |                     |                                                          |                                                                                  |                                                                                                                            |
| 10    |           |                   |                 |                 |                     |                                                          |                                                                                  |                                                                                                                            |
| 965   |           |                   |                 |                 |                     |                                                          |                                                                                  |                                                                                                                            |
| 15    |           |                   |                 |                 |                     |                                                          |                                                                                  |                                                                                                                            |

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| <br><b>BBL</b><br>BLASLAND, BOUCK & LEE, INC.<br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/11/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533958.4<br><b>Easting:</b> 131083.3<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 983.4062<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-4-SB-3<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 4 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                              | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|------------------------------------------------------------------------|-------------------------------------|
| 985   |           |                   |                 |                 |                     |                 |                                                                        |                                     |
| 0     |           | 1                 | 0-1             | 2.1             |                     | x x             | Black coarse to fine SAND, some Slag, Coal, and Organic Matter. [FILL] | Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 2.2             |                     |                 | Light brown-orange fine SAND, some fine to coarse Gravel.              |                                     |
| 980   |           |                   |                 |                 |                     |                 |                                                                        |                                     |
| 5     |           |                   |                 |                 |                     |                 |                                                                        |                                     |
| 975   |           |                   |                 |                 |                     |                 |                                                                        |                                     |
| 10    |           |                   |                 |                 |                     |                 |                                                                        |                                     |
| 970   |           |                   |                 |                 |                     |                 |                                                                        |                                     |
| 15    |           |                   |                 |                 |                     |                 |                                                                        |                                     |

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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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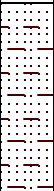

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| <b>Date Start/Finish:</b> 6/11/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533917.0<br><b>Easting:</b> 131082.2<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 981.1716<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-4-SB-4<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 4 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                          | Stratigraphic Description                                                             | Boring Construction                 |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|----------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------|
| 0     |           |                   |                 |                 |                     |                                                          |                                                                                       |                                     |
| 980   |           | 1                 | 0-1             | 2.0             | 0.0                 | x<br>x<br>x<br>x<br>x<br>x<br>x<br>x<br>x<br>x<br>x<br>x | Brown SILT, some fine Sand and fine to medium Gravel, trace concrete and wood. [FILL] | Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.0                 |                                                          |                                                                                       |                                     |
| 5     |           |                   |                 |                 |                     |                                                          |                                                                                       |                                     |
| 975   |           |                   |                 |                 |                     |                                                          |                                                                                       |                                     |
| 10    |           |                   |                 |                 |                     |                                                          |                                                                                       |                                     |
| 970   |           |                   |                 |                 |                     |                                                          |                                                                                       |                                     |
| 15    |           |                   |                 |                 |                     |                                                          |                                                                                       |                                     |

|                                                                                     |                                                                                                                 |
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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/11/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533871.5<br><b>Easting:</b> 131089.6<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 982.8542<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-4-SB-5<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 4 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                                       | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 985   |           |                   |                 |                 |                     |                                                                                   |                                                                                 |                                                                                                                         |
| 0     |           | 1                 | 0-1             | 2.2             | 0.0                 |  | Dark brown fine SAND and SILT, little fine to medium Gravel and Organic Matter. |  Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.0                 |                                                                                   |                                                                                 |                                                                                                                         |
| 980   |           |                   |                 |                 |                     |                                                                                   |                                                                                 |                                                                                                                         |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                                 |                                                                                                                         |
| 975   |           |                   |                 |                 |                     |                                                                                   |                                                                                 |                                                                                                                         |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                                 |                                                                                                                         |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                                                 |                                                                                                                         |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                                 |                                                                                                                         |


|                                                                                     |                                                                                                                                                                                                  |
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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs;<br>Duplicate sample ID: RA-Dup-6 (PCBs; 1-3');<br>MS/MSD collected (PCBs; 0-1'). |
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| <b>Date Start/Finish:</b> 6/11/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533816.4<br><b>Easting:</b> 131066.3<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 980.1518<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-4-SB-6<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 4 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                               | Boring Construction                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|---------------------------------------------------------|-----------------------------------------|
| 0     | 980       | 1                 | 0-1             | 1.5             | 0.4                 |                 | Dark brown SILT and fine SAND, some Organic Matter.     | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 0.2             | 0.2                 |                 | Brown fine to coarse SAND, some Coal, Ash, Slag. [FILL] |                                         |
| 5     | 975       |                   |                 |                 |                     |                 |                                                         |                                         |
| 10    | 970       |                   |                 |                 |                     |                 |                                                         |                                         |
| 15    | 965       |                   |                 |                 |                     |                 |                                                         |                                         |



|  |                                                                                                                 |
|--|-----------------------------------------------------------------------------------------------------------------|
|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
|--|-----------------------------------------------------------------------------------------------------------------|


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| <b>Date Start/Finish:</b> 6/11/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533757.2<br><b>Easting:</b> 131075.7<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 984.5348<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-4-SB-7<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 4 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                            | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 985   | 0         | 1                 | 0-1             | 2.7             | 0.0                 |                 | Light brown fine SAND, some Organic Matter.                          |  Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.0                 |                 | Brown fine to medium SAND, little fine to medium Gravel, trace slag. |                                                                                                                         |
|       |           |                   |                 |                 |                     |                 | Light brown fine SAND.                                               |                                                                                                                         |
| 980   | 5         |                   |                 |                 |                     |                 |                                                                      |                                                                                                                         |
| 975   | 10        |                   |                 |                 |                     |                 |                                                                      |                                                                                                                         |
| 970   | 15        |                   |                 |                 |                     |                 |                                                                      |                                                                                                                         |



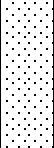
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|  <p><b>BBL</b><br/>         BLASLAND, BOUCK &amp; LEE, INC.<br/>         engineers &amp; scientists</p> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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| <b>Date Start/Finish:</b> 6/11/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533706.3<br><b>Easting:</b> 131043.1<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 976.9496<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-4-SB-8<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 4 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                     | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 0     |           | 1                 | 0-1             | 2.0             | 0.0                 |  | Black fine to coarse GRAVEL, little fine to coarse Sand, wet. | <br>Borehole backfilled with Bentonite. |
| 975   |           | 2                 | 1-3             | 0.0             | 0.0                 |                                                                                   |                                                               |                                                                                                                            |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                               |                                                                                                                            |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                               |                                                                                                                            |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                               |                                                                                                                            |
| 965   |           |                   |                 |                 |                     |                                                                                   |                                                               |                                                                                                                            |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                               |                                                                                                                            |



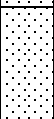
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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/11/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533649.2<br><b>Easting:</b> 131060.7<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 983.9968<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-4-SB-9<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 4 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                                         | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 985   |           |                   |                 |                 |                     |                                                                                   |                                                                                   |                                                                                                                         |
| 0     |           | 1                 | 0-1             | 2.3             | 0.0                 |  | Light brown fine SAND, some Organic Matter.                                       |  Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.0                 |  | Dark brown fine to medium SAND, some fine to medium Gravel, trace organic matter. |                                                                                                                         |
| 980   |           |                   |                 |                 |                     |                                                                                   |                                                                                   |                                                                                                                         |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                                   |                                                                                                                         |
| 975   |           |                   |                 |                 |                     |                                                                                   |                                                                                   |                                                                                                                         |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                                   |                                                                                                                         |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                                                   |                                                                                                                         |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                                   |                                                                                                                         |



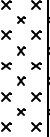
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| <br><b>BBL</b><br>BLASLAND, BOUCK & LEE, INC.<br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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| <b>Date Start/Finish:</b> 6/11/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533590.3<br><b>Easting:</b> 131045.9<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 978.403<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-4-SB-10<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 4 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                                    | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 980   |           |                   |                 |                 |                     |                                                                                   |                                                                              |                                                                                                                         |
| 0     |           | 1                 | 0-1             | 2.7             | 0.0                 |  | Light brown fine SAND, some Organic Matter.                                  |  Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.0                 |  | Brown fine to medium SAND, some fine to medium Gravel, trace organic matter. |                                                                                                                         |
| 975   |           |                   |                 |                 |                     |                                                                                   |                                                                              |                                                                                                                         |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                              |                                                                                                                         |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                                              |                                                                                                                         |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                              |                                                                                                                         |
| 965   |           |                   |                 |                 |                     |                                                                                   |                                                                              |                                                                                                                         |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                              |                                                                                                                         |


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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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| <b>Date Start/Finish:</b> 6/11/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533532.8<br><b>Easting:</b> 131053.9<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 982.9119<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-4-SB-11<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 4 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                                          | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 985   |           |                   |                 |                 |                     |                                                                                   |                                                                                    |                                                                                                                            |
| 0     |           | 1                 | 0-1             | 3.0             | 0.0                 |  | Light brown fine SAND, some Organic Matter.                                        | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 0.0             | 0.0                 |  | Light brown fine SAND, some Silt and fine to medium Gravel, trace coal/ash. [FILL] |                                                                                                                            |
| 980   |           |                   |                 |                 |                     |                                                                                   |                                                                                    |                                                                                                                            |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                                    |                                                                                                                            |
| 975   |           |                   |                 |                 |                     |                                                                                   |                                                                                    |                                                                                                                            |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                                    |                                                                                                                            |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                                                    |                                                                                                                            |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                                    |                                                                                                                            |

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| <br><b>BBL</b><br>BLASLAND, BOUCK & LEE, INC.<br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 1-3': PCBs. |
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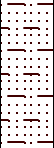
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| <b>Date Start/Finish:</b> 6/12/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533471.6<br><b>Easting:</b> 131030.7<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 976.7144<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-4-SB-12<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 4 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                                                       | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 0     |           | 1                 | 0-1             |                 | 0.2                 |                 | Dark brown SILT and fine SAND, some Organic Matter, little fine to medium gravel, moist, slight petroleum odor. |  Borehole backfilled with Bentonite. |
| 975   |           | 2                 | 1-3             | 1.5             | 1.1                 |                 |                                                                                                                 |                                                                                                                         |
| 5     |           |                   |                 |                 |                     |                 |                                                                                                                 |                                                                                                                         |
| 970   |           |                   |                 |                 |                     |                 |                                                                                                                 |                                                                                                                         |
| 10    |           |                   |                 |                 |                     |                 |                                                                                                                 |                                                                                                                         |
| 965   |           |                   |                 |                 |                     |                 |                                                                                                                 |                                                                                                                         |
| 15    |           |                   |                 |                 |                     |                 |                                                                                                                 |                                                                                                                         |

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|  <p><b>BBL</b><br/>         BLASLAND, BOUCK &amp; LEE, INC.<br/>         engineers &amp; scientists</p> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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|                                                                                                                                                                                                                                       |                                                                                                                                                                                                            |                                                                                                                                     |
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| <b>Date Start/Finish:</b> 6/12/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533414.3<br><b>Easting:</b> 131027.7<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 981.1603<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-4-SB-13<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 4 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                                         | Boring Construction                                                                                                        |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 0     |           |                   |                 |                 |                     |                                                                                   |                                                                                   |                                                                                                                            |
| 980   |           | 1                 | 0-1             | 1.8             | 0.0                 |  | Dark brown SILT and fine SAND, some Organic Matter, little fine to medium gravel. | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.0                 |  | Gray-brown fine SAND and SILT, some fine to coarse Gravel, moist.                 |                                                                                                                            |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                                   |                                                                                                                            |
| 975   |           |                   |                 |                 |                     |                                                                                   |                                                                                   |                                                                                                                            |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                                   |                                                                                                                            |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                                                   |                                                                                                                            |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                                   |                                                                                                                            |




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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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| <b>Date Start/Finish:</b> 6/12/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533365.4<br><b>Easting:</b> 130991.3<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 976.19<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-5-SB-1<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 5 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|

| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                    | Boring Construction                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|------------------------------------------------------------------------------|-----------------------------------------|
| 0     |           |                   |                 |                 |                     |                 |                                                                              |                                         |
| 975   |           | 1                 | 0-1             | 2.0             | 0.0                 |                 | Brown fine SAND and SILT, some Organic Matter, little fine to medium Gravel. | <br>Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             |                 | 0.0                 |                 |                                                                              |                                         |
| 5     |           |                   |                 |                 |                     |                 |                                                                              |                                         |
| 970   |           |                   |                 |                 |                     |                 |                                                                              |                                         |
| 10    |           |                   |                 |                 |                     |                 |                                                                              |                                         |
| 965   |           |                   |                 |                 |                     |                 |                                                                              |                                         |
| 15    |           |                   |                 |                 |                     |                 |                                                                              |                                         |

|  |                                                                                                                 |
|--|-----------------------------------------------------------------------------------------------------------------|
|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
|--|-----------------------------------------------------------------------------------------------------------------|

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| <b>Date Start/Finish:</b> 6/12/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533314.7<br><b>Easting:</b> 131023.1<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 981.994<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-5-SB-2<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 5 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                              | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 0     |           | 1                 | 0-1             |                 | 61.1                |  | Black fine to coarse SAND, some Silt and fine to coarse Gravel, moist. |  Borehole backfilled with Bentonite. |
| 980   |           | 2                 | 1-3             | 1.7             | 47.3                |  | Gray fine SAND and SILT, some fine to medium Gravel, wet.              |                                                                                                                         |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                        |                                                                                                                         |
| 975   |           |                   |                 |                 |                     |                                                                                   |                                                                        |                                                                                                                         |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                        |                                                                                                                         |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                                        |                                                                                                                         |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                        |                                                                                                                         |



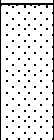
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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3: PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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| <b>Date Start/Finish:</b> 6/12/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533324.9<br><b>Easting:</b> 130947.9<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 976.3047<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-5-SB-3<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 5 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column | Stratigraphic Description                                                     | Boring Construction |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------|-------------------------------------------------------------------------------|---------------------|
| 0     |           |                   |                 |                 |                     |                 |                                                                               |                     |
| 975   |           | 1                 | 0-1             | 2.5             | 0.0                 |                 | Dark brown SILT and fine SAND, some Organic Matter, moist.                    |                     |
|       |           | 2                 | 1-3             |                 | 0.0                 |                 | Gray-brown fine to coarse SAND, some Silt, little fine to medium gravel, wet. |                     |
| 5     |           |                   |                 |                 |                     |                 |                                                                               |                     |
| 970   |           |                   |                 |                 |                     |                 |                                                                               |                     |
| 10    |           |                   |                 |                 |                     |                 |                                                                               |                     |
| 965   |           |                   |                 |                 |                     |                 |                                                                               |                     |
| 15    |           |                   |                 |                 |                     |                 |                                                                               |                     |



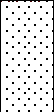
|  |                                                                                                                                                                                                  |
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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs;<br>Duplicate sample ID: RA-Dup-7 (PCBs, 1-3');<br>MS/MSD collected (PCBs, 0-1'). |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|


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| <b>Date Start/Finish:</b> 6/12/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533275.4<br><b>Easting:</b> 130978.4<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 982.2114<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-5-SB-4<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 5 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm)                                                               | Geologic Column                                                                   | Stratigraphic Description                                  | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 985   |           |                   |                 |                 |                                                                                   |                                                                                   |                                                            |                                                                                                                         |
| 0     |           | 1                 | 0-1             | 2.0             | 0.0                                                                               |  | Dark brown SILT and fine SAND, some Organic Matter, moist. |  Borehole backfilled with Bentonite. |
| 980   |           | 2                 | 1-3             | 0.0             |  | Brown-gray fine to coarse SAND, wet.                                              |                                                            |                                                                                                                         |
| 5     |           |                   |                 |                 |                                                                                   |                                                                                   |                                                            |                                                                                                                         |
| 975   |           |                   |                 |                 |                                                                                   |                                                                                   |                                                            |                                                                                                                         |
| 10    |           |                   |                 |                 |                                                                                   |                                                                                   |                                                            |                                                                                                                         |
| 970   |           |                   |                 |                 |                                                                                   |                                                                                   |                                                            |                                                                                                                         |
| 15    |           |                   |                 |                 |                                                                                   |                                                                                   |                                                            |                                                                                                                         |



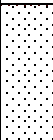
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| <br><b>BLASLAND, BOUCK &amp; LEE, INC.</b><br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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|                                                                                                                                                                                                                                       |                                                                                                                                                                                                            |                                                                                                                                    |
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| <b>Date Start/Finish:</b> 6/12/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533272.0<br><b>Easting:</b> 130919.4<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 978.2196<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-5-SB-5<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 5 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                  | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 980   |           |                   |                 |                 |                     |                                                                                   |                                                            |                                                                                                                         |
| 0     |           | 1                 | 0-1             | 2.1             |                     |  | Dark brown fine SAND and SILT, some Organic Matter, moist. |  Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 20.2            |                     |  | Gray-brown fine to coarse SAND, wet.                       |                                                                                                                         |
| 975   |           |                   |                 |                 |                     |                                                                                   |                                                            |                                                                                                                         |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                            |                                                                                                                         |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                            |                                                                                                                         |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                            |                                                                                                                         |
| 965   |           |                   |                 |                 |                     |                                                                                   |                                                            |                                                                                                                         |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                            |                                                                                                                         |

|                                                                                     |                                                                                                                                                                                            |
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|  | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;<br>1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF. |
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| <b>Date Start/Finish:</b> 6/12/03<br><b>Drilling Company:</b> BBL<br><b>Driller's Name:</b> JJB<br><b>Drilling Method:</b> Direct Push<br><b>Auger Size:</b> NA<br><b>Rig Type:</b> Hand Driven<br><b>Sample Method:</b> 4' Macrocore | <b>Northing:</b> 533217.5<br><b>Easting:</b> 130880.6<br><b>Casing Elevation:</b> NA<br><br><b>Borehole Depth:</b> 3' below grade<br><b>Surface Elevation:</b> 982.6735<br><br><b>Descriptions By:</b> JTG | <b>Boring ID:</b> RA-5-SB-6<br><br><b>Client:</b> General Electric Company<br><br><b>Location:</b> Silver Lake Recreational Area 5 |
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| DEPTH | ELEVATION | Sample Run Number | Sample/Int/Type | Recovery (feet) | PID Headspace (ppm) | Geologic Column                                                                   | Stratigraphic Description                                               | Boring Construction                                                                                                     |
|-------|-----------|-------------------|-----------------|-----------------|---------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 985   |           |                   |                 |                 |                     |                                                                                   |                                                                         |                                                                                                                         |
| 0     |           | 1                 | 0-1             | 2.5             | 0.0                 |  | Dark brown fine SAND and SILT, some Organic Matter, moist.              |  Borehole backfilled with Bentonite. |
|       |           | 2                 | 1-3             | 0.0             | 0.0                 |  | Brown fine to medium SAND, trace coarse Sand and Organic Matter, moist. |                                                                                                                         |
| 980   |           |                   |                 |                 |                     |                                                                                   |                                                                         |                                                                                                                         |
| 5     |           |                   |                 |                 |                     |                                                                                   |                                                                         |                                                                                                                         |
| 975   |           |                   |                 |                 |                     |                                                                                   |                                                                         |                                                                                                                         |
| 10    |           |                   |                 |                 |                     |                                                                                   |                                                                         |                                                                                                                         |
| 970   |           |                   |                 |                 |                     |                                                                                   |                                                                         |                                                                                                                         |
| 15    |           |                   |                 |                 |                     |                                                                                   |                                                                         |                                                                                                                         |

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| <br>BLASLAND, BOUCK & LEE, INC.<br><i>engineers &amp; scientists</i> | <b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.<br>Analyses: 0-1': PCBs; 1-3': PCBs. |
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## *Appendix B*

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# **Complete Listing of Non-PCB Appendix IX+3 Results**



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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
 (Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 9-9-1-SB-1<br>0-1<br>06/18/03 | 9-9-1-SB-1<br>3-5<br>06/18/03 | 9-9-1-SB-3<br>0-1<br>06/17/03 | 9-9-1-SB-3<br>1-3<br>06/17/03 | 9-9-1-SB-5<br>0-1<br>06/17/03 | 9-9-1-SB-5<br>1-3<br>06/17/03 |
|------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| <b>Volatile Organics</b>                             |                               |                               |                               |                               |                               |                               |
| 1,1,1,2-Tetrachloroethane                            | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| 1,1,1-Trichloroethane                                | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| 1,1,2,2-Tetrachloroethane                            | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| 1,1,2-Trichloroethane                                | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| 1,1-Dichloroethane                                   | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| 1,1-Dichloroethene                                   | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| 1,2,3-Trichloropropane                               | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| 1,2-Dibromo-3-chloropropane                          | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| 1,2-Dibromoethane                                    | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| 1,2-Dichloroethane                                   | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| 1,2-Dichloropropane                                  | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| 1,4-Dioxane                                          | ND(0.11) J                    | ND(0.12) J                    | ND(0.11) J                    | ND(0.11) J                    | ND(0.19) J                    | ND(0.17) J                    |
| 2-Butanone                                           | ND(0.011)                     | ND(0.012)                     | ND(0.011)                     | ND(0.011)                     | ND(0.019)                     | ND(0.017)                     |
| 2-Chloro-1,3-butadiene                               | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| 2-Chloroethylvinylether                              | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| 2-Hexanone                                           | ND(0.011)                     | ND(0.012)                     | ND(0.011)                     | ND(0.011)                     | ND(0.019)                     | ND(0.017)                     |
| 3-Chloropropene                                      | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| 4-Methyl-2-pentanone                                 | ND(0.011)                     | ND(0.012)                     | ND(0.011)                     | ND(0.011)                     | ND(0.019)                     | ND(0.017)                     |
| Acetone                                              | ND(0.022)                     | ND(0.024)                     | ND(0.021)                     | ND(0.023)                     | ND(0.038)                     | ND(0.034)                     |
| Acetonitrile                                         | ND(0.11) J                    | ND(0.12) J                    | ND(0.11) J                    | ND(0.11) J                    | ND(0.19) J                    | ND(0.17) J                    |
| Acrolein                                             | ND(0.11) J                    | ND(0.12) J                    | ND(0.11) J                    | ND(0.11) J                    | ND(0.19) J                    | ND(0.17) J                    |
| Acrylonitrile                                        | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| Benzene                                              | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| Bromodichloromethane                                 | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| Bromoform                                            | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| Bromomethane                                         | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| Carbon Disulfide                                     | ND(0.0054) J                  | ND(0.0060) J                  | ND(0.0053) J                  | ND(0.0056) J                  | ND(0.0094) J                  | ND(0.0086) J                  |
| Carbon Tetrachloride                                 | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| Chlorobenzene                                        | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| Chloroethane                                         | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| Chloroform                                           | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| Chloromethane                                        | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| cis-1,3-Dichloropropene                              | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| Dibromochloromethane                                 | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| Dibromomethane                                       | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| Dichlorodifluoromethane                              | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| Ethyl Methacrylate                                   | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| Ethylbenzene                                         | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| Iodomethane                                          | ND(0.0054) J                  | ND(0.0060) J                  | ND(0.0053) J                  | ND(0.0056) J                  | ND(0.0094) J                  | ND(0.0086) J                  |
| Isobutanol                                           | ND(0.11) J                    | ND(0.12) J                    | ND(0.11) J                    | ND(0.11) J                    | ND(0.19) J                    | ND(0.17) J                    |
| Methacrylonitrile                                    | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| Methyl Methacrylate                                  | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| Methylene Chloride                                   | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| Propionitrile                                        | ND(0.011)                     | ND(0.012)                     | ND(0.011)                     | ND(0.011)                     | ND(0.019)                     | ND(0.017)                     |
| Styrene                                              | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| Tetrachloroethene                                    | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| Toluene                                              | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| trans-1,2-Dichloroethene                             | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| trans-1,3-Dichloropropene                            | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| trans-1,4-Dichloro-2-butene                          | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| Trichloroethene                                      | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| Trichlorofluoromethane                               | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| Vinyl Acetate                                        | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| Vinyl Chloride                                       | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| Xylenes (total)                                      | ND(0.0054)                    | ND(0.0060)                    | ND(0.0053)                    | ND(0.0056)                    | ND(0.0094)                    | ND(0.0086)                    |
| <b>Semivolatile Organics</b>                         |                               |                               |                               |                               |                               |                               |
| 1,2,4,5-Tetrachlorobenzene                           | ND(0.36)                      | ND(0.40)                      | ND(0.36)                      | ND(0.38)                      | ND(0.63)                      | ND(0.57)                      |
| 1,2,4-Trichlorobenzene                               | ND(0.36)                      | ND(0.40)                      | ND(0.36)                      | ND(0.38)                      | ND(0.63)                      | ND(0.57)                      |
| 1,2-Dichlorobenzene                                  | ND(0.36)                      | ND(0.40)                      | ND(0.36)                      | ND(0.38)                      | ND(0.63)                      | ND(0.57)                      |
| 1,2-Diphenylhydrazine                                | ND(0.36)                      | ND(0.40)                      | ND(0.36)                      | ND(0.38)                      | ND(0.63)                      | ND(0.57)                      |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Parameter<br>Date Collected: | 19-9-1-SB-1<br>0-1<br>06/18/03 | 19-9-1-SB-1<br>3-5<br>06/18/03 | 19-9-1-SB-3<br>0-1<br>06/17/03 | 19-9-1-SB-3<br>1-3<br>06/17/03 | 19-9-1-SB-5<br>0-1<br>06/17/03 | 19-9-1-SB-5<br>1-3<br>06/17/03 |
|-------------------------------------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| <b>Semivolatile Organics (continued)</b>                          |                                |                                |                                |                                |                                |                                |
| 1,3,5-Trinitrobenzene                                             | ND(0.36) J                     | ND(0.40) J                     | ND(0.36) J                     | ND(0.38) J                     | ND(0.63) J                     | ND(0.57) J                     |
| 1,3-Dichlorobenzene                                               | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| 1,3-Dinitrobenzene                                                | ND(0.73)                       | ND(0.80)                       | ND(0.72)                       | ND(0.76)                       | ND(1.3)                        | ND(1.1)                        |
| 1,4-Dichlorobenzene                                               | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| 1,4-Naphthoquinone                                                | ND(0.73)                       | ND(0.80)                       | ND(0.72)                       | ND(0.76)                       | ND(1.3)                        | ND(1.1)                        |
| 1-Naphthylamine                                                   | ND(0.73)                       | ND(0.80)                       | ND(0.72)                       | ND(0.76)                       | ND(1.3)                        | ND(1.1)                        |
| 2,3,4,6-Tetrachlorophenol                                         | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| 2,4,5-Trichlorophenol                                             | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| 2,4,6-Trichlorophenol                                             | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| 2,4-Dichlorophenol                                                | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| 2,4-Dimethylphenol                                                | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| 2,4-Dinitrophenol                                                 | ND(1.8) J                      | ND(2.0) J                      | ND(1.8) J                      | ND(1.9) J                      | ND(3.2) J                      | ND(2.9) J                      |
| 2,4-Dinitrotoluene                                                | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| 2,6-Dichlorophenol                                                | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| 2,6-Dinitrotoluene                                                | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| 2-Acetylaminofluorene                                             | ND(0.73)                       | ND(0.80)                       | ND(0.72)                       | ND(0.76)                       | ND(1.3)                        | ND(1.1)                        |
| 2-Chloronaphthalene                                               | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| 2-Chlorophenol                                                    | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| 2-Methylnaphthalene                                               | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| 2-Methylphenol                                                    | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| 2-Naphthylamine                                                   | ND(0.73)                       | ND(0.80)                       | ND(0.72)                       | ND(0.76)                       | ND(1.3)                        | ND(1.1)                        |
| 2-Nitroaniline                                                    | ND(1.8)                        | ND(2.0)                        | ND(1.8)                        | ND(1.9)                        | ND(3.2)                        | ND(2.9)                        |
| 2-Nitrophenol                                                     | ND(0.73)                       | ND(0.80)                       | ND(0.72)                       | ND(0.76)                       | ND(1.3)                        | ND(1.1)                        |
| 2-Picoline                                                        | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| 3&4-Methylphenol                                                  | ND(0.73)                       | ND(0.80)                       | ND(0.72)                       | ND(0.76)                       | ND(1.3)                        | ND(1.1)                        |
| 3,3'-Dichlorobenzidine                                            | ND(0.73)                       | ND(0.80)                       | ND(0.72)                       | ND(0.76)                       | ND(1.3)                        | ND(1.1)                        |
| 3,3'-Dimethylbenzidine                                            | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| 3-Methylcholanthrene                                              | ND(0.73)                       | ND(0.80)                       | ND(0.72)                       | ND(0.76)                       | ND(1.3)                        | ND(1.1)                        |
| 3-Nitroaniline                                                    | ND(1.8)                        | ND(2.0)                        | ND(1.8)                        | ND(1.9)                        | ND(3.2)                        | ND(2.9)                        |
| 4,6-Dinitro-2-methylphenol                                        | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| 4-Aminobiphenyl                                                   | ND(0.73)                       | ND(0.80)                       | ND(0.72)                       | ND(0.76)                       | ND(1.3)                        | ND(1.1)                        |
| 4-Bromophenyl-phenylether                                         | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| 4-Chloro-3-Methylphenol                                           | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| 4-Chloroaniline                                                   | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| 4-Chlorobenzilate                                                 | ND(0.73)                       | ND(0.80)                       | ND(0.72)                       | ND(0.76)                       | ND(1.3)                        | ND(1.1)                        |
| 4-Chlorophenyl-phenylether                                        | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| 4-Nitroaniline                                                    | ND(1.8)                        | ND(2.0)                        | ND(1.8)                        | ND(1.9)                        | ND(3.2)                        | ND(2.9)                        |
| 4-Nitrophenol                                                     | ND(1.8) J                      | ND(2.0) J                      | ND(1.8) J                      | ND(1.9) J                      | ND(3.2) J                      | ND(2.9) J                      |
| 4-Nitroquinoline-1-oxide                                          | ND(0.73)                       | ND(0.80)                       | ND(0.72)                       | ND(0.76)                       | ND(1.3)                        | ND(1.1)                        |
| 4-Phenylenediamine                                                | ND(0.73)                       | ND(0.80)                       | ND(0.72)                       | ND(0.76)                       | ND(1.3)                        | ND(1.1)                        |
| 5-Nitro-o-toluidine                                               | ND(0.73)                       | ND(0.80)                       | ND(0.72)                       | ND(0.76)                       | ND(1.3)                        | ND(1.1)                        |
| 7,12-Dimethylbenz(a)anthracene                                    | ND(0.73)                       | ND(0.80)                       | ND(0.72)                       | ND(0.76)                       | ND(1.3)                        | ND(1.1)                        |
| a,a'-Dimethylphenethylamine                                       | ND(0.73)                       | ND(0.80)                       | ND(0.72)                       | ND(0.76)                       | ND(1.3)                        | ND(1.1)                        |
| Acenaphthene                                                      | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| Acenaphthylene                                                    | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | 0.16 J                         | ND(0.63)                       | ND(0.57)                       |
| Acetophenone                                                      | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| Aniline                                                           | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | 0.45 J                         | 0.26 J                         |
| Anthracene                                                        | ND(0.36)                       | 0.089 J                        | ND(0.36)                       | 0.13 J                         | ND(0.63)                       | ND(0.57)                       |
| Aramite                                                           | ND(0.73)                       | ND(0.80)                       | ND(0.72)                       | ND(0.76)                       | ND(1.3)                        | ND(1.1)                        |
| Benzidine                                                         | ND(0.73) J                     | ND(0.80) J                     | ND(0.72) J                     | ND(0.76) J                     | ND(1.3) J                      | ND(1.1) J                      |
| Benzo(a)anthracene                                                | ND(0.36)                       | 0.41                           | ND(0.36)                       | 0.55                           | ND(0.63)                       | 0.22 J                         |
| Benzo(a)pyrene                                                    | ND(0.36)                       | 0.42                           | ND(0.36)                       | 0.68                           | ND(0.63)                       | ND(0.57)                       |
| Benzo(b)fluoranthene                                              | ND(0.36)                       | 0.43                           | ND(0.36)                       | 0.59                           | ND(0.63)                       | ND(0.57)                       |
| Benzo(g,h,i)perylene                                              | ND(0.36)                       | 0.31 J                         | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| Benzo(k)fluoranthene                                              | ND(0.36)                       | 0.32 J                         | ND(0.36)                       | 0.67                           | ND(0.63)                       | ND(0.57)                       |
| Benzyl Alcohol                                                    | ND(0.73)                       | ND(0.80)                       | ND(0.72)                       | ND(0.76)                       | ND(1.3)                        | ND(1.1)                        |
| bis(2-Chloroethoxy)methane                                        | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| bis(2-Chloroethyl)ether                                           | ND(0.36) J                     | ND(0.40) J                     | ND(0.36) J                     | ND(0.38) J                     | ND(0.63) J                     | ND(0.57) J                     |
| bis(2-Chloroisopropyl)ether                                       | ND(0.36) J                     | ND(0.40) J                     | ND(0.36) J                     | ND(0.38) J                     | ND(0.63) J                     | ND(0.57) J                     |
| bis(2-Ethylhexyl)phthalate                                        | ND(0.36)                       | ND(0.39)                       | ND(0.35)                       | ND(0.37)                       | ND(0.62)                       | ND(0.56)                       |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | I9-9-1-SB-1<br>0-1<br>06/18/03 | I9-9-1-SB-1<br>3-5<br>06/18/03 | I9-9-1-SB-3<br>0-1<br>06/17/03 | I9-9-1-SB-3<br>1-3<br>06/17/03 | I9-9-1-SB-5<br>0-1<br>06/17/03 | I9-9-1-SB-5<br>1-3<br>06/17/03 |
|------------------------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                |                                |                                |                                |                                |                                |
| Butylbenzylphthalate                                 | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| Chrysene                                             | ND(0.36)                       | 0.46                           | ND(0.36)                       | 0.73                           | ND(0.63)                       | 0.24 J                         |
| Diallate                                             | ND(0.73)                       | ND(0.80)                       | ND(0.72)                       | ND(0.76)                       | ND(1.3)                        | ND(1.1)                        |
| Dibenzo(a,h)anthracene                               | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| Dibenzofuran                                         | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| Diethylphthalate                                     | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| Dimethylphthalate                                    | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| Di-n-Butylphthalate                                  | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| Di-n-Octylphthalate                                  | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| Diphenylamine                                        | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| Ethyl Methanesulfonate                               | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| Fluoranthene                                         | 0.085 J                        | 0.75                           | 0.10 J                         | 1.2                            | 0.21 J                         | 0.56 J                         |
| Fluorene                                             | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| Hexachlorobenzene                                    | ND(0.36) J                     | ND(0.40) J                     | ND(0.36) J                     | ND(0.38) J                     | ND(0.63) J                     | ND(0.57) J                     |
| Hexachlorobutadiene                                  | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| Hexachlorocyclopentadiene                            | ND(0.36) J                     | ND(0.40) J                     | ND(0.36) J                     | ND(0.38) J                     | ND(0.63) J                     | ND(0.57) J                     |
| Hexachloroethane                                     | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| Hexachlorophene                                      | ND(0.73) J                     | ND(0.80) J                     | ND(0.72) J                     | ND(0.76) J                     | ND(1.3) J                      | ND(1.1) J                      |
| Hexachloropropene                                    | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| Indeno(1,2,3-cd)pyrene                               | ND(0.36)                       | 0.27 J                         | ND(0.36)                       | 0.41                           | ND(0.63)                       | ND(0.57)                       |
| Isodrin                                              | ND(0.36)                       | ND(0.40)                       | ND(0.36) J                     | ND(0.38) J                     | ND(0.63) J                     | ND(0.57) J                     |
| Isophorone                                           | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| Isosafrole                                           | ND(0.73)                       | ND(0.80)                       | ND(0.72)                       | ND(0.76)                       | ND(1.3)                        | ND(1.1)                        |
| Methapyrilene                                        | ND(0.73)                       | ND(0.80)                       | ND(0.72)                       | ND(0.76)                       | ND(1.3)                        | ND(1.1)                        |
| Methyl Methanesulfonate                              | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| Naphthalene                                          | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| Nitrobenzene                                         | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| N-Nitrosodiethylamine                                | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| N-Nitrosodimethylamine                               | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| N-Nitroso-di-n-butylamine                            | ND(0.73)                       | ND(0.80)                       | ND(0.72)                       | ND(0.76)                       | ND(1.3)                        | ND(1.1)                        |
| N-Nitroso-di-n-propylamine                           | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| N-Nitrosodiphenylamine                               | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| N-Nitrosomethylethylamine                            | ND(0.73)                       | ND(0.80)                       | ND(0.72)                       | ND(0.76)                       | ND(1.3)                        | ND(1.1)                        |
| N-Nitrosomorpholine                                  | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| N-Nitrosopiperidine                                  | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| N-Nitrosopyrrolidine                                 | ND(0.73)                       | ND(0.80)                       | ND(0.72)                       | ND(0.76)                       | ND(1.3)                        | ND(1.1)                        |
| o,o,o-Triethylphosphorothioate                       | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| o-Toluidine                                          | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| p-Dimethylaminoazobenzene                            | ND(0.73)                       | ND(0.80)                       | ND(0.72)                       | ND(0.76)                       | ND(1.3)                        | ND(1.1)                        |
| Pentachlorobenzene                                   | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| Pentachloroethane                                    | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| Pentachloronitrobenzene                              | ND(0.73)                       | ND(0.80)                       | ND(0.72)                       | ND(0.76)                       | ND(1.3)                        | ND(1.1)                        |
| Pentachlorophenol                                    | ND(1.8)                        | ND(2.0)                        | ND(1.8)                        | ND(1.9)                        | ND(3.2)                        | ND(2.9)                        |
| Phenacetin                                           | ND(0.73)                       | ND(0.80)                       | ND(0.72)                       | ND(0.76)                       | ND(1.3)                        | ND(1.1)                        |
| Phenanthrene                                         | ND(0.36)                       | 0.32 J                         | ND(0.36)                       | 0.44                           | ND(0.63)                       | 0.38 J                         |
| Phenol                                               | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | 0.16 J                         | ND(0.57)                       |
| Pronamide                                            | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| Pyrene                                               | 0.098 J                        | 0.74                           | 0.094 J                        | 1.3                            | 0.18 J                         | 0.55 J                         |
| Pyridine                                             | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| Safrole                                              | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |
| Thionazin                                            | ND(0.36)                       | ND(0.40)                       | ND(0.36)                       | ND(0.38)                       | ND(0.63)                       | ND(0.57)                       |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-1-SB-1<br>0-1<br>06/18/03 | 19-9-1-SB-1<br>3-5<br>06/18/03 | 19-9-1-SB-3<br>0-1<br>06/17/03 | 19-9-1-SB-3<br>1-3<br>06/17/03 | 19-9-1-SB-5<br>0-1<br>06/17/03 | 19-9-1-SB-5<br>1-3<br>06/17/03 |
|------------------------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| <b>Furans</b>                                        |                                |                                |                                |                                |                                |                                |
| 2,3,7,8-TCDF                                         | ND(0.0000054) Y                | 0.0000090 YI                   | 0.0000014 YI                   | 0.000012 YI                    | 0.00014 Y                      | ND(0.0000034) Y                |
| TCDFs (total)                                        | 0.0000023                      | 0.000041                       | 0.0000035                      | 0.000085                       | 0.00026                        | 0.00026                        |
| 1,2,3,7,8-PeCDF                                      | 0.0000013                      | 0.0000033                      | ND(0.0000099) X                | 0.0000050 I                    | 0.000083                       | 0.000033                       |
| 2,3,4,7,8-PeCDF                                      | 0.0000012                      | 0.0000032                      | 0.0000092                      | 0.0000057                      | 0.000047                       | 0.000026                       |
| PeCDFs (total)                                       | 0.000015                       | 0.000028                       | 0.0000083                      | 0.000083                       | 0.00045                        | 0.00012                        |
| 1,2,3,4,7,8-HxCDF                                    | 0.0000061 I                    | 0.000016 I                     | 0.00000071                     | 0.000038 I                     | 0.00035 I                      | 0.00017 I                      |
| 1,2,3,6,7,8-HxCDF                                    | ND(0.00000034)                 | 0.0000030                      | 0.00000059                     | 0.0000034                      | 0.000043                       | 0.000024                       |
| 1,2,3,7,8,9-HxCDF                                    | ND(0.00000044)                 | ND(0.00000052)                 | ND(0.00000019)                 | ND(0.00000027)                 | ND(0.000015) X                 | 0.000011                       |
| 2,3,4,6,7,8-HxCDF                                    | ND(0.00000061) X               | 0.0000022                      | 0.00000068                     | 0.0000036                      | 0.000011                       | 0.0000057                      |
| HxCDFs (total)                                       | 0.000015                       | 0.000044                       | 0.000012                       | 0.00010                        | 0.00073                        | 0.00038                        |
| 1,2,3,4,6,7,8-HpCDF                                  | 0.0000047                      | 0.000015                       | 0.0000048                      | 0.000026                       | 0.000071                       | 0.000042                       |
| 1,2,3,4,7,8,9-HpCDF                                  | ND(0.00000043)                 | 0.0000012                      | ND(0.00000015)                 | 0.0000020                      | 0.000043                       | 0.000024                       |
| HpCDFs (total)                                       | 0.000010                       | 0.000016                       | 0.0000048                      | 0.000028                       | 0.00011                        | 0.000066                       |
| OCDF                                                 | 0.0000085                      | 0.000019                       | 0.0000092                      | 0.000031                       | 0.000056                       | 0.000028                       |
| <b>Dioxins</b>                                       |                                |                                |                                |                                |                                |                                |
| 2,3,7,8-TCDD                                         | ND(0.00000051)                 | ND(0.00000059)                 | ND(0.00000014)                 | ND(0.00000015) X               | ND(0.00000019)                 | ND(0.00000011)                 |
| TCDDs (total)                                        | ND(0.00000051)                 | ND(0.00000059)                 | ND(0.00000014)                 | 0.0000019                      | 0.000011                       | 0.0000055                      |
| 1,2,3,7,8-PeCDD                                      | ND(0.00000012)                 | ND(0.00000012)                 | ND(0.00000036)                 | ND(0.00000047)                 | ND(0.000023)                   | ND(0.0000065)                  |
| PeCDDs (total)                                       | ND(0.00000012)                 | ND(0.00000012)                 | ND(0.00000036)                 | ND(0.00000047)                 | ND(0.000023)                   | ND(0.0000065)                  |
| 1,2,3,4,7,8-HxCDD                                    | ND(0.00000086)                 | ND(0.00000082)                 | ND(0.00000030)                 | 0.0000095                      | ND(0.0000025)                  | ND(0.0000018)                  |
| 1,2,3,6,7,8-HxCDD                                    | ND(0.00000078)                 | ND(0.00000017) X               | ND(0.00000028)                 | 0.0000023                      | ND(0.0000022)                  | 0.0000048                      |
| 1,2,3,7,8,9-HxCDD                                    | ND(0.00000078)                 | ND(0.00000020) X               | ND(0.00000028)                 | 0.0000022                      | ND(0.0000022)                  | ND(0.0000016)                  |
| HxCDDs (total)                                       | ND(0.00000078)                 | ND(0.00000075)                 | 0.0000038                      | 0.0000054                      | ND(0.0000022)                  | 0.0000048                      |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.0000093                      | ND(0.0000010) X                | 0.000020                       | 0.000042                       | 0.000039                       | 0.000025                       |
| HpCDDs (total)                                       | 0.000021                       | 0.0000085                      | 0.000064                       | 0.000082                       | 0.000078                       | 0.000055                       |
| OCDD                                                 | 0.000068                       | 0.000068                       | 0.00016                        | 0.00035                        | 0.00016                        | 0.00016                        |
| Total TEQs (WHO TEFs)                                | 0.0000027                      | 0.0000062                      | 0.0000014                      | 0.000011                       | 0.000097                       | 0.000041                       |
| <b>Inorganics</b>                                    |                                |                                |                                |                                |                                |                                |
| Antimony                                             | ND(6.00)                       | ND(6.00)                       | ND(6.00)                       | 4.30 B                         | 5.60 B                         | 27.0                           |
| Arsenic                                              | 7.80                           | 6.80                           | 6.90                           | 8.80                           | 12.0                           | 16.0                           |
| Barium                                               | 30.0                           | 160                            | 21.0                           | 85.0                           | 630                            | 290                            |
| Beryllium                                            | 0.0780 B                       | 0.0600 B                       | 0.130 B                        | 0.190 B                        | 0.280 B                        | 0.220 B                        |
| Cadmium                                              | ND(0.500)                      | 0.410 B                        | ND(0.500)                      | 0.400 B                        | 7.10                           | 2.70                           |
| Chromium                                             | 8.80                           | 8.00                           | 5.00                           | 7.20                           | 34.0                           | 50.0                           |
| Cobalt                                               | 9.50                           | 4.10 B                         | 6.30                           | 6.20                           | 5.60                           | 9.80                           |
| Copper                                               | 31.0                           | 160                            | 27.0                           | 70.0                           | 230                            | 260                            |
| Cyanide                                              | 0.110                          | 0.520                          | 0.0810 B                       | 0.230                          | 1.00                           | 1.30                           |
| Lead                                                 | 57.0                           | 180                            | 44.0                           | 320                            | 2000                           | 1800                           |
| Mercury                                              | 0.0750 B                       | 0.480                          | 0.0780 B                       | 0.510                          | 1.80                           | 0.560                          |
| Nickel                                               | 18.0                           | 9.60                           | 9.80                           | 11.0                           | 36.0                           | 77.0                           |
| Selenium                                             | ND(1.00)                       | 1.00                           | 1.30 J                         | ND(1.00) J                     | 3.40 J                         | 3.80 J                         |
| Silver                                               | ND(1.00)                       | ND(1.00)                       | ND(1.00)                       | 0.160 B                        | 1.20 B                         | 2.30                           |
| Sulfide                                              | ND(5.40)                       | 7.60                           | ND(5.30)                       | ND(5.60)                       | 1300                           | 1900                           |
| Thallium                                             | 7.90 J                         | 17.0 J                         | ND(1.10)                       | ND(1.10)                       | 1.50 B                         | 3.10                           |
| Tin                                                  | ND(10.0)                       | ND(17.0)                       | 4.70 J                         | 24.0                           | 830                            | 410                            |
| Vanadium                                             | 8.70                           | 11.0                           | 4.40 B                         | 9.70                           | 16.0                           | 13.0                           |
| Zinc                                                 | 69.0                           | 240                            | 48.0                           | 180                            | 1400                           | 1300                           |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
 (Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | I9-9-9-SB-1<br>0-1<br>06/23/03 | I9-9-9-SB-1<br>3-5<br>06/23/03 | I9-9-9-SB-3<br>0-1<br>06/20/03 | I9-9-9-SB-3<br>1-3<br>06/20/03 | I9-9-11-SB-2<br>0-1<br>06/24/03 | I9-9-11-SB-2<br>1-3<br>06/24/03 | I9-9-11-SB-5<br>0-1<br>06/24/03 |
|------------------------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Volatile Organics</b>                             |                                |                                |                                |                                |                                 |                                 |                                 |
| 1,1,1,2-Tetrachloroethane                            | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| 1,1,1-Trichloroethane                                | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| 1,1,2,2-Tetrachloroethane                            | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| 1,1,2-Trichloroethane                                | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| 1,1-Dichloroethane                                   | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| 1,1-Dichloroethene                                   | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| 1,2,3-Trichloropropane                               | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| 1,2-Dibromo-3-chloropropane                          | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| 1,2-Dibromoethane                                    | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| 1,2-Dichloroethane                                   | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| 1,2-Dichloropropane                                  | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| 1,4-Dioxane                                          | ND(0.14) J                     | NA                             | ND(0.16) J                     | ND(0.15) J                     | ND(0.12) J                      | ND(0.11) J                      | ND(0.11) J                      |
| 2-Butanone                                           | ND(0.014)                      | NA                             | ND(0.016)                      | ND(0.015)                      | ND(0.012)                       | ND(0.011)                       | ND(0.011)                       |
| 2-Chloro-1,3-butadiene                               | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| 2-Chloroethylvinylether                              | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| 2-Hexanone                                           | ND(0.014)                      | NA                             | ND(0.016)                      | ND(0.015)                      | ND(0.012)                       | ND(0.011)                       | ND(0.011)                       |
| 3-Chloropropene                                      | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| 4-Methyl-2-pentanone                                 | ND(0.014)                      | NA                             | ND(0.016)                      | ND(0.015)                      | ND(0.012)                       | ND(0.011)                       | ND(0.011)                       |
| Acetone                                              | ND(0.028)                      | NA                             | ND(0.032)                      | ND(0.030)                      | 0.015 J                         | ND(0.022)                       | ND(0.023)                       |
| Acetonitrile                                         | ND(0.14) J                     | NA                             | ND(0.16) J                     | ND(0.15) J                     | ND(0.12) J                      | ND(0.11) J                      | ND(0.11) J                      |
| Acrolein                                             | ND(0.14) J                     | NA                             | ND(0.16) J                     | ND(0.15) J                     | ND(0.12) J                      | ND(0.11) J                      | ND(0.11) J                      |
| Acrylonitrile                                        | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| Benzene                                              | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| Bromodichloromethane                                 | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| Bromoform                                            | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| Bromomethane                                         | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| Carbon Disulfide                                     | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| Carbon Tetrachloride                                 | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| Chlorobenzene                                        | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| Chloroethane                                         | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| Chloroform                                           | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| Chloromethane                                        | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| cis-1,3-Dichloropropene                              | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| Dibromochloromethane                                 | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| Dibromomethane                                       | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| Dichlorodifluoromethane                              | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| Ethyl Methacrylate                                   | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| Ethylbenzene                                         | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| Iodomethane                                          | ND(0.0070) J                   | NA                             | ND(0.0079) J                   | ND(0.0075) J                   | ND(0.0060) J                    | ND(0.0056) J                    | ND(0.0057) J                    |
| Isobutanol                                           | ND(0.14) J                     | NA                             | ND(0.16) J                     | ND(0.15) J                     | ND(0.12) J                      | ND(0.11) J                      | ND(0.11) J                      |
| Methacrylonitrile                                    | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| Methyl Methacrylate                                  | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| Methylene Chloride                                   | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| Propionitrile                                        | ND(0.014)                      | NA                             | ND(0.016)                      | ND(0.015)                      | ND(0.012)                       | ND(0.011)                       | ND(0.011)                       |
| Styrene                                              | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| Tetrachloroethene                                    | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| Toluene                                              | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| trans-1,2-Dichloroethene                             | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| trans-1,3-Dichloropropene                            | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| trans-1,4-Dichloro-2-butene                          | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| Trichloroethene                                      | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| Trichlorofluoromethane                               | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| Vinyl Acetate                                        | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| Vinyl Chloride                                       | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| Xylenes (total)                                      | ND(0.0070)                     | NA                             | ND(0.0079)                     | ND(0.0075)                     | ND(0.0060)                      | ND(0.0056)                      | ND(0.0057)                      |
| <b>Semivolatile Organics</b>                         |                                |                                |                                |                                |                                 |                                 |                                 |
| 1,2,4,5-Tetrachlorobenzene                           | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| 1,2,4-Trichlorobenzene                               | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| 1,2-Dichlorobenzene                                  | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| 1,2-Diphenylhydrazine                                | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-9-SB-1<br>0-1<br>06/23/03 | 19-9-9-SB-1<br>3-5<br>06/23/03 | 19-9-9-SB-3<br>0-1<br>06/20/03 | 19-9-9-SB-3<br>1-3<br>06/20/03 | 19-9-11-SB-2<br>0-1<br>06/24/03 | 19-9-11-SB-2<br>1-3<br>06/24/03 | 19-9-11-SB-5<br>0-1<br>06/24/03 |
|------------------------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                |                                |                                |                                |                                 |                                 |                                 |
| 1,3,5-Trinitrobenzene                                | ND(0.50) J                     | ND(0.58) J                     | ND(0.66) J                     | ND(0.61)                       | ND(0.40) J                      | ND(0.37) J                      | ND(0.38) J                      |
| 1,3-Dichlorobenzene                                  | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| 1,3-Dinitrobenzene                                   | ND(0.94)                       | ND(1.0)                        | ND(1.1)                        | ND(1.0)                        | ND(0.80)                        | ND(0.75)                        | ND(0.77)                        |
| 1,4-Dichlorobenzene                                  | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| 1,4-Naphthoquinone                                   | ND(0.94)                       | ND(1.0)                        | ND(1.1)                        | ND(1.0)                        | ND(0.80)                        | ND(0.75)                        | ND(0.77)                        |
| 1-Naphthylamine                                      | ND(0.94)                       | ND(1.0)                        | ND(1.1)                        | ND(1.0)                        | ND(0.80)                        | ND(0.75)                        | ND(0.77)                        |
| 2,3,4,6-Tetrachlorophenol                            | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| 2,4,5-Trichlorophenol                                | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| 2,4,6-Trichlorophenol                                | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| 2,4-Dichlorophenol                                   | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| 2,4-Dimethylphenol                                   | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| 2,4-Dinitrophenol                                    | ND(2.5) J                      | ND(2.9) J                      | ND(3.3) J                      | ND(3.1) J                      | ND(2.0) J                       | ND(1.9) J                       | ND(2.0) J                       |
| 2,4-Dinitrotoluene                                   | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | 0.38 J                         | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| 2,6-Dichlorophenol                                   | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| 2,6-Dinitrotoluene                                   | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| 2-Acetylaminofluorene                                | ND(0.94)                       | ND(1.0)                        | ND(1.1)                        | ND(1.0)                        | ND(0.80)                        | ND(0.75)                        | ND(0.77)                        |
| 2-Chloronaphthalene                                  | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| 2-Chlorophenol                                       | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| 2-Methylnaphthalene                                  | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | 0.14 J                         | 0.094 J                         | 2.0                             | ND(0.38)                        |
| 2-Methylphenol                                       | 0.22 J                         | 0.12 J                         | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| 2-Naphthylamine                                      | ND(0.94) J                     | ND(1.0) J                      | ND(1.1) J                      | ND(1.0)                        | ND(0.80)                        | ND(0.75)                        | ND(0.77)                        |
| 2-Nitroaniline                                       | ND(2.5)                        | ND(2.9)                        | ND(3.3)                        | ND(3.1)                        | ND(2.0)                         | ND(1.9)                         | ND(2.0)                         |
| 2-Nitrophenol                                        | ND(0.94)                       | ND(1.0)                        | ND(1.1)                        | ND(1.0)                        | ND(0.80)                        | ND(0.75)                        | ND(0.77)                        |
| 2-Picoline                                           | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| 3&4-Methylphenol                                     | 1.2                            | 0.49 J                         | ND(1.1)                        | ND(1.0)                        | ND(0.80)                        | ND(0.75)                        | ND(0.77)                        |
| 3,3'-Dichlorobenzidine                               | 0.13 J                         | ND(1.2)                        | ND(1.3)                        | ND(1.2)                        | ND(0.80)                        | ND(0.75)                        | ND(0.77)                        |
| 3,3'-Dimethylbenzidine                               | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| 3-Methylcholanthrene                                 | ND(0.94)                       | ND(1.0)                        | ND(1.1)                        | ND(1.0)                        | ND(0.80)                        | ND(0.75)                        | ND(0.77)                        |
| 3-Nitroaniline                                       | ND(2.5)                        | ND(2.9)                        | ND(3.3)                        | ND(3.1)                        | ND(2.0)                         | ND(1.9)                         | ND(2.0)                         |
| 4,6-Dinitro-2-methylphenol                           | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| 4-Aminobiphenyl                                      | ND(0.94)                       | ND(1.0)                        | ND(1.1)                        | ND(1.0)                        | ND(0.80)                        | ND(0.75)                        | ND(0.77)                        |
| 4-Bromophenyl-phenylether                            | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| 4-Chloro-3-Methylphenol                              | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| 4-Chloroaniline                                      | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| 4-Chlorobenzilate                                    | ND(0.94)                       | ND(1.0)                        | ND(1.1)                        | ND(1.0)                        | ND(0.80)                        | ND(0.75)                        | ND(0.77)                        |
| 4-Chlorophenyl-phenylether                           | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| 4-Nitroaniline                                       | ND(2.4)                        | ND(2.6)                        | ND(2.7)                        | ND(2.5)                        | ND(2.0)                         | ND(1.9)                         | ND(2.0)                         |
| 4-Nitrophenol                                        | ND(2.5) J                      | ND(2.9) J                      | ND(3.3) J                      | ND(3.1) J                      | ND(2.0) J                       | ND(1.9) J                       | ND(2.0) J                       |
| 4-Nitroquinoline-1-oxide                             | ND(0.94)                       | ND(1.0)                        | ND(1.1)                        | ND(1.0)                        | ND(0.80)                        | ND(0.75)                        | ND(0.77)                        |
| 4-Phenylenediamine                                   | ND(0.94)                       | ND(1.0)                        | ND(1.1)                        | ND(1.0)                        | ND(0.80)                        | ND(0.75)                        | ND(0.77)                        |
| 5-Nitro-o-toluidine                                  | ND(0.94)                       | ND(1.0)                        | ND(1.1)                        | ND(1.0)                        | ND(0.80)                        | ND(0.75)                        | ND(0.77)                        |
| 7,12-Dimethylbenz(a)anthracene                       | ND(0.94)                       | ND(1.0)                        | ND(1.1)                        | ND(1.0)                        | ND(0.80)                        | ND(0.75)                        | ND(0.77)                        |
| a,a'-Dimethylphenethylamine                          | ND(0.94)                       | ND(1.0)                        | ND(1.1)                        | ND(1.0)                        | ND(0.80) J                      | ND(0.75) J                      | ND(0.77) J                      |
| Acenaphthene                                         | 1.8                            | 8.5                            | ND(0.66)                       | ND(0.61)                       | 0.35 J                          | 11                              | ND(0.38)                        |
| Acenaphthylene                                       | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | 0.32 J                          | 0.41                            |
| Acetophenone                                         | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| Aniline                                              | 0.32 J                         | 3.9                            | 1.6                            | 1.0                            | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| Anthracene                                           | ND(0.50)                       | ND(0.58)                       | 0.38 J                         | 0.14 J                         | 0.57                            | 22                              | 0.70                            |
| Aramite                                              | ND(0.94)                       | ND(1.0)                        | ND(1.1)                        | ND(1.0)                        | ND(0.80)                        | ND(0.75)                        | ND(0.77)                        |
| Benzidine                                            | ND(1.0)                        | ND(1.2)                        | ND(1.3)                        | ND(1.2)                        | ND(0.80)                        | ND(0.75)                        | ND(0.77)                        |
| Benzo(a)anthracene                                   | ND(0.50)                       | ND(0.58)                       | 0.48 J                         | 0.33 J                         | 0.78                            | 42                              | 3.2                             |
| Benzo(a)pyrene                                       | ND(0.50)                       | ND(0.58)                       | 0.36 J                         | 0.24 J                         | 0.52                            | 32                              | 3.0                             |
| Benzo(b)fluoranthene                                 | ND(0.50)                       | ND(0.58)                       | 0.31 J                         | 0.26 J                         | 0.51                            | 32                              | 2.2                             |
| Benzo(g,h,i)perylene                                 | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | 0.18 J                         | 0.26 J                          | 18                              | 2.2                             |
| Benzo(k)fluoranthene                                 | ND(0.50)                       | ND(0.58)                       | 0.20 J                         | 0.20 J                         | 0.45                            | 29                              | 2.7                             |
| Benzyl Alcohol                                       | ND(1.0)                        | ND(1.2)                        | ND(1.3)                        | ND(1.2)                        | ND(0.80)                        | ND(0.75)                        | ND(0.77)                        |
| bis(2-Chloroethoxy)methane                           | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| bis(2-Chloroethyl)ether                              | ND(0.50) J                     | ND(0.58) J                     | ND(0.66) J                     | ND(0.61) J                     | ND(0.40) J                      | ND(0.37) J                      | ND(0.38) J                      |
| bis(2-Chloroisopropyl)ether                          | ND(0.50) J                     | ND(0.58) J                     | ND(0.66) J                     | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| bis(2-Ethylhexyl)phthalate                           | ND(0.46)                       | ND(0.50)                       | ND(0.52)                       | ND(0.49)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-9-SB-1<br>0-1<br>06/23/03 | 19-9-9-SB-1<br>3-5<br>06/23/03 | 19-9-9-SB-3<br>0-1<br>06/20/03 | 19-9-9-SB-3<br>1-3<br>06/20/03 | 19-9-11-SB-2<br>0-1<br>06/24/03 | 19-9-11-SB-2<br>1-3<br>06/24/03 | 19-9-11-SB-5<br>0-1<br>06/24/03 |
|------------------------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                |                                |                                |                                |                                 |                                 |                                 |
| Butylbenzylphthalate                                 | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| Chrysene                                             | ND(0.50)                       | 0.14 J                         | 0.51 J                         | 0.42 J                         | 0.83                            | 40                              | 3.0                             |
| Diallate                                             | ND(0.94)                       | ND(1.0)                        | ND(1.1)                        | ND(1.0)                        | ND(0.80)                        | ND(0.75)                        | ND(0.77)                        |
| Dibenzo(a,h)anthracene                               | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | 4.7                             | 0.41                            |
| Dibenzofuran                                         | ND(0.50)                       | ND(0.58)                       | 0.15 J                         | ND(0.61)                       | 0.22 J                          | 6.0                             | ND(0.38)                        |
| Diethylphthalate                                     | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| Dimethylphthalate                                    | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| Di-n-Butylphthalate                                  | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| Di-n-Octylphthalate                                  | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| Diphenylamine                                        | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| Ethyl Methanesulfonate                               | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| Fluoranthene                                         | ND(0.50)                       | 0.28 J                         | 1.7                            | 0.56 J                         | 2.8                             | 110                             | 7.1                             |
| Fluorene                                             | ND(0.50)                       | ND(0.58)                       | 0.24 J                         | 0.16 J                         | 0.31 J                          | 11                              | ND(0.38)                        |
| Hexachlorobenzene                                    | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| Hexachlorobutadiene                                  | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| Hexachlorocyclopentadiene                            | ND(0.50) J                     | ND(0.58) J                     | ND(0.66) J                     | ND(0.61) J                     | ND(0.40) J                      | ND(0.37) J                      | ND(0.38) J                      |
| Hexachloroethane                                     | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| Hexachlorophene                                      | ND(1.0) J                      | ND(1.2) J                      | ND(1.3) J                      | ND(1.2) J                      | ND(0.80) J                      | ND(0.75) J                      | ND(0.77) J                      |
| Hexachloropropene                                    | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| Indeno(1,2,3-cd)pyrene                               | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | 0.18 J                         | 0.22 J                          | 15                              | 1.7                             |
| Isodrin                                              | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| Isophorone                                           | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| Isosafrole                                           | ND(0.94)                       | ND(1.0)                        | ND(1.1)                        | ND(1.0)                        | ND(0.80)                        | ND(0.75)                        | ND(0.77)                        |
| Methapyrilene                                        | ND(0.94)                       | ND(1.0)                        | ND(1.1)                        | ND(1.0)                        | ND(0.80)                        | ND(0.75)                        | ND(0.77)                        |
| Methyl Methanesulfonate                              | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| Naphthalene                                          | 0.29 J                         | 0.38 J                         | 0.17 J                         | 0.34 J                         | 0.19 J                          | 4.2                             | ND(0.38)                        |
| Nitrobenzene                                         | 0.15 J                         | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| N-Nitrosodiethylamine                                | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| N-Nitrosodimethylamine                               | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| N-Nitroso-di-n-butylamine                            | ND(0.94)                       | ND(1.0)                        | ND(1.1)                        | ND(1.0)                        | ND(0.80) J                      | ND(0.75) J                      | ND(0.77) J                      |
| N-Nitroso-di-n-propylamine                           | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| N-Nitrosodiphenylamine                               | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| N-Nitrosomethylethylamine                            | ND(0.94)                       | ND(1.0)                        | ND(1.1)                        | ND(1.0)                        | ND(0.80)                        | ND(0.75)                        | ND(0.77)                        |
| N-Nitrosomorpholine                                  | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| N-Nitrosopiperidine                                  | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| N-Nitrosopyrrolidine                                 | ND(0.94)                       | ND(1.0)                        | ND(1.1)                        | ND(1.0)                        | ND(0.80) J                      | ND(0.75) J                      | ND(0.77) J                      |
| o,o,o-Triethylphosphorothioate                       | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40) J                      | ND(0.37) J                      | ND(0.38) J                      |
| o-Toluidine                                          | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| p-Dimethylaminoazobenzene                            | ND(0.94)                       | ND(1.0)                        | ND(1.1)                        | ND(1.0)                        | ND(0.80)                        | ND(0.75)                        | ND(0.77)                        |
| Pentachlorobenzene                                   | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| Pentachloroethane                                    | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| Pentachloronitrobenzene                              | ND(0.94)                       | ND(1.0)                        | ND(1.1)                        | ND(1.0)                        | ND(0.80)                        | ND(0.75)                        | ND(0.77)                        |
| Pentachlorophenol                                    | ND(2.5)                        | ND(2.9)                        | ND(3.3)                        | ND(3.1)                        | ND(2.0)                         | ND(1.9)                         | ND(2.0)                         |
| Phenacetin                                           | ND(0.94)                       | ND(1.0)                        | ND(1.1)                        | ND(1.0)                        | ND(0.80)                        | ND(0.75)                        | ND(0.77)                        |
| Phenanthrene                                         | ND(0.50)                       | 0.16 J                         | 1.8                            | 0.36 J                         | 2.8                             | 90                              | 2.5                             |
| Phenol                                               | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| Pronamide                                            | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| Pyrene                                               | ND(0.50)                       | 0.31 J                         | 1.4                            | 0.85                           | 2.3                             | 86                              | 11                              |
| Pyridine                                             | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| Safrole                                              | ND(0.50) J                     | ND(0.58) J                     | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |
| Thionazin                                            | ND(0.50)                       | ND(0.58)                       | ND(0.66)                       | ND(0.61)                       | ND(0.40)                        | ND(0.37)                        | ND(0.38)                        |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-9-SB-1<br>0-1<br>06/23/03 | 19-9-9-SB-1<br>3-5<br>06/23/03 | 19-9-9-SB-3<br>0-1<br>06/20/03 | 19-9-9-SB-3<br>1-3<br>06/20/03 | 19-9-11-SB-2<br>0-1<br>06/24/03 | 19-9-11-SB-2<br>1-3<br>06/24/03 | 19-9-11-SB-5<br>0-1<br>06/24/03 |
|------------------------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Furans</b>                                        |                                |                                |                                |                                |                                 |                                 |                                 |
| 2,3,7,8-TCDF                                         | ND(0.00037) XY                 | NA                             | ND(0.00042) XY                 | ND(0.00054) XY                 | ND(0.000030) Y                  | ND(0.000021) Y                  | ND(0.000012) Y                  |
| TCDFs (total)                                        | 0.0019                         | NA                             | 0.0018                         | 0.0018                         | 0.000037                        | 0.000028                        | 0.000036                        |
| 1,2,3,7,8-PeCDF                                      | 0.00079 I                      | NA                             | 0.00047 I                      | 0.00069 I                      | ND(0.0000023)                   | ND(0.0000016)                   | 0.000024                        |
| 2,3,4,7,8-PeCDF                                      | 0.000033                       | NA                             | ND(0.000078) X                 | 0.00010                        | 0.0000053                       | ND(0.0000017)                   | 0.000015                        |
| PeCDFs (total)                                       | 0.0011                         | NA                             | 0.00075                        | 0.0013                         | 0.000014                        | 0.000024                        | 0.00019                         |
| 1,2,3,4,7,8-HxCDF                                    | 0.0018 I                       | NA                             | 0.0032 I                       | 0.0036 I                       | 0.000032 I                      | 0.000027 I                      | 0.00014 I                       |
| 1,2,3,6,7,8-HxCDF                                    | 0.00019                        | NA                             | 0.00035                        | 0.00044                        | 0.0000043                       | 0.0000045                       | 0.000066                        |
| 1,2,3,4,7,8,9-HxCDF                                  | 0.000017                       | NA                             | 0.000022                       | 0.000028                       | ND(0.0000016)                   | ND(0.0000019)                   | ND(0.000013) X                  |
| 2,3,4,6,7,8-HxCDF                                    | 0.00013                        | NA                             | 0.00010                        | 0.000093                       | 0.0000034                       | 0.0000034                       | 0.000019                        |
| HxCDFs (total)                                       | 0.0040                         | NA                             | 0.0062                         | 0.0069                         | 0.00010                         | 0.00010                         | 0.00049                         |
| 1,2,3,4,6,7,8-HpCDF                                  | 0.00076                        | NA                             | 0.00065                        | 0.00079                        | 0.000054                        | ND(0.000073) X                  | 0.00075                         |
| 1,2,3,4,7,8,9-HpCDF                                  | 0.00030                        | NA                             | 0.00028                        | 0.00044                        | 0.0000095                       | 0.0000074                       | 0.00020                         |
| HpCDFs (total)                                       | 0.0012                         | NA                             | 0.0010                         | 0.0014                         | 0.000069                        | 0.0000074                       | 0.0011                          |
| OCDF                                                 | 0.0013                         | NA                             | 0.00062                        | 0.0016                         | 0.00031                         | 0.00023                         | 0.011                           |
| <b>Dioxins</b>                                       |                                |                                |                                |                                |                                 |                                 |                                 |
| 2,3,7,8-TCDD                                         | ND(0.0000017)                  | NA                             | ND(0.0000042)                  | ND(0.0000068)                  | ND(0.0000015)                   | ND(0.0000013)                   | ND(0.0000012)                   |
| TCDDs (total)                                        | 0.00015                        | NA                             | 0.00010                        | 0.00052                        | ND(0.0000015)                   | ND(0.0000013)                   | ND(0.0000012)                   |
| 1,2,3,7,8-PeCDD                                      | ND(0.0000053)                  | NA                             | ND(0.000048)                   | ND(0.000029)                   | ND(0.0000032)                   | ND(0.0000024)                   | ND(0.0000020)                   |
| PeCDDs (total)                                       | ND(0.0000053)                  | NA                             | ND(0.000048)                   | ND(0.000029)                   | ND(0.0000032)                   | ND(0.0000024)                   | ND(0.0000020)                   |
| 1,2,3,4,7,8-HxCDD                                    | ND(0.0000033)                  | NA                             | 0.000039                       | 0.000053                       | ND(0.0000017)                   | ND(0.0000017)                   | ND(0.0000019)                   |
| 1,2,3,6,7,8-HxCDD                                    | 0.000023                       | NA                             | 0.000053                       | 0.000054                       | ND(0.0000015)                   | ND(0.0000015)                   | 0.000013                        |
| 1,2,3,7,8,9-HxCDD                                    | 0.000014                       | NA                             | 0.000053                       | 0.000050                       | 0.0000038                       | ND(0.0000015)                   | 0.0000060                       |
| HxCDDs (total)                                       | 0.000037                       | NA                             | 0.00014                        | 0.00016                        | 0.000038                        | ND(0.0000015)                   | 0.000052                        |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.00036                        | NA                             | 0.00041                        | 0.00043                        | 0.000081                        | 0.000092                        | 0.00050                         |
| HpCDDs (total)                                       | 0.00071                        | NA                             | 0.00077                        | 0.00084                        | 0.00014                         | 0.00018                         | 0.00077                         |
| OCDD                                                 | 0.0031                         | NA                             | 0.0014                         | 0.00093                        | 0.00064                         | 0.00098                         | 0.0074                          |
| Total TEQs (WHO TEFs)                                | 0.00031                        | NA                             | 0.00049                        | 0.00058                        | 0.000013                        | 0.0000087                       | 0.000052                        |
| <b>Inorganics</b>                                    |                                |                                |                                |                                |                                 |                                 |                                 |
| Antimony                                             | ND(6.00)                       | NA                             | 2.20 B                         | 4.80 B                         | 1.00 B                          | ND(6.00)                        | ND(6.00)                        |
| Arsenic                                              | 3.90                           | NA                             | 6.10                           | 14.0                           | 24.0                            | 8.50                            | 5.70                            |
| Barium                                               | 95.0                           | NA                             | 130                            | 200                            | 80.0                            | 89.0                            | 78.0                            |
| Beryllium                                            | ND(0.500)                      | NA                             | 0.0980 B                       | 0.120 B                        | ND(0.500)                       | ND(0.500)                       | ND(0.500)                       |
| Cadmium                                              | 2.30                           | NA                             | 4.90                           | 14.0                           | 0.960 J                         | 0.550 J                         | 0.450 J                         |
| Chromium                                             | 24.0                           | NA                             | 23.0                           | 39.0                           | 30.0 J                          | 11.0 J                          | 10.0 J                          |
| Cobalt                                               | 5.60                           | NA                             | 4.70 B                         | 9.20                           | 5.80                            | 6.10                            | 6.10                            |
| Copper                                               | 150                            | NA                             | 240                            | 410                            | 55.0                            | 36.0                            | 36.0                            |
| Cyanide                                              | 0.280                          | NA                             | 0.950                          | 0.970                          | 0.200                           | 0.110 B                         | 0.280                           |
| Lead                                                 | 340                            | NA                             | 330                            | 780                            | 1000 J                          | 300 J                           | 89.0 J                          |
| Mercury                                              | 0.790                          | NA                             | 1.70                           | 2.00                           | 0.280                           | 0.140                           | 0.0790 B                        |
| Nickel                                               | 23.0                           | NA                             | 41.0                           | 63.0                           | 11.0                            | 12.0                            | 12.0                            |
| Selenium                                             | ND(1.00) J                     | NA                             | 1.80                           | 3.60                           | 0.930 J                         | ND(1.00) J                      | 0.930 J                         |
| Silver                                               | 2.30                           | NA                             | 9.30                           | 4.20                           | 0.320 J                         | 0.160 J                         | ND(1.00) J                      |
| Sulfide                                              | 1200                           | NA                             | 970                            | 3900                           | 19.0 J                          | 23.0 J                          | 280 J                           |
| Thallium                                             | ND(1.40) J                     | NA                             | ND(1.60) J                     | 3.10 J                         | ND(1.20)                        | ND(1.10)                        | ND(1.10)                        |
| Tin                                                  | 23.0                           | NA                             | 65.0                           | 170                            | 9.20 B                          | 13.0                            | 4.50 B                          |
| Vanadium                                             | 20.0                           | NA                             | 14.0                           | 14.0                           | 9.20                            | 8.50                            | 7.60                            |
| Zinc                                                 | 290                            | NA                             | 450                            | 770                            | 490                             | 160                             | 450                             |



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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
 (Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-11-SB-5<br>1-3<br>06/24/03 | 19-9-17-SB-1<br>0-1<br>06/25/03 | 19-9-17-SB-1<br>1-3<br>06/25/03 | 19-9-17-SB-2<br>0-1<br>06/25/03 | 19-9-17-SB-2<br>3-5<br>06/25/03 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Volatile Organics</b>                             |                                 |                                 |                                 |                                 |                                 |
| 1,1,1,2-Tetrachloroethane                            | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| 1,1,1-Trichloroethane                                | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| 1,1,2,2-Tetrachloroethane                            | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| 1,1,2-Trichloroethane                                | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| 1,1-Dichloroethane                                   | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| 1,1-Dichloroethene                                   | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| 1,2,3-Trichloropropane                               | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| 1,2-Dibromo-3-chloropropane                          | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| 1,2-Dibromoethane                                    | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| 1,2-Dichloroethane                                   | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| 1,2-Dichloropropane                                  | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| 1,4-Dioxane                                          | ND(0.11) J [ND(0.11) J]         | ND(0.13) J                      | ND(0.16) J                      | ND(0.12) J                      | ND(0.13) J                      |
| 2-Butanone                                           | ND(0.011) [ND(0.011)]           | ND(0.013)                       | ND(0.016)                       | ND(0.012)                       | ND(0.013)                       |
| 2-Chloro-1,3-butadiene                               | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| 2-Chloroethylvinylether                              | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| 2-Hexanone                                           | ND(0.011) [ND(0.011)]           | ND(0.013)                       | ND(0.016)                       | ND(0.012)                       | ND(0.013)                       |
| 3-Chloropropene                                      | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| 4-Methyl-2-pentanone                                 | ND(0.011) [ND(0.011)]           | ND(0.013)                       | ND(0.016)                       | ND(0.012)                       | ND(0.013)                       |
| Acetone                                              | ND(0.023) [ND(0.022)]           | ND(0.025)                       | 0.032 J                         | ND(0.024)                       | ND(0.025)                       |
| Acetonitrile                                         | ND(0.11) J [ND(0.11) J]         | ND(0.13) J                      | ND(0.16) J                      | ND(0.12) J                      | ND(0.13) J                      |
| Acrolein                                             | ND(0.11) J [ND(0.11) J]         | ND(0.13) J                      | ND(0.16) J                      | ND(0.12) J                      | ND(0.13) J                      |
| Acrylonitrile                                        | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| Benzene                                              | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| Bromodichloromethane                                 | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| Bromoform                                            | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| Bromomethane                                         | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| Carbon Disulfide                                     | ND(0.0057) [ND(0.0056)]         | ND(0.0063) J                    | ND(0.0082) J                    | ND(0.0060) J                    | ND(0.0063) J                    |
| Carbon Tetrachloride                                 | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| Chlorobenzene                                        | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| Chloroethane                                         | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| Chloroform                                           | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| Chloromethane                                        | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| cis-1,3-Dichloropropene                              | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| Dibromochloromethane                                 | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| Dibromomethane                                       | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| Dichlorodifluoromethane                              | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| Ethyl Methacrylate                                   | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| Ethylbenzene                                         | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| Iodomethane                                          | ND(0.0057) J [ND(0.0056) J]     | ND(0.0063) J                    | ND(0.0082) J                    | ND(0.0060) J                    | ND(0.0063) J                    |
| Isobutanol                                           | ND(0.11) J [ND(0.11) J]         | ND(0.13) J                      | ND(0.16) J                      | ND(0.12) J                      | ND(0.13) J                      |
| Methacrylonitrile                                    | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| Methyl Methacrylate                                  | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| Methylene Chloride                                   | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| Propionitrile                                        | ND(0.011) [ND(0.011)]           | ND(0.013)                       | ND(0.016)                       | ND(0.012)                       | ND(0.013)                       |
| Styrene                                              | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| Tetrachloroethene                                    | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| Toluene                                              | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| trans-1,2-Dichloroethene                             | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| trans-1,3-Dichloropropene                            | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| trans-1,4-Dichloro-2-butene                          | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| Trichloroethene                                      | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| Trichlorofluoromethane                               | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| Vinyl Acetate                                        | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| Vinyl Chloride                                       | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| Xylenes (total)                                      | ND(0.0057) [ND(0.0056)]         | ND(0.0063)                      | ND(0.0082)                      | ND(0.0060)                      | ND(0.0063)                      |
| <b>Semivolatile Organics</b>                         |                                 |                                 |                                 |                                 |                                 |
| 1,2,4,5-Tetrachlorobenzene                           | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| 1,2,4-Trichlorobenzene                               | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| 1,2-Dichlorobenzene                                  | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| 1,2-Diphenylhydrazine                                | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-11-SB-5<br>1-3<br>06/24/03 | 19-9-17-SB-1<br>0-1<br>06/25/03 | 19-9-17-SB-1<br>1-3<br>06/25/03 | 19-9-17-SB-2<br>0-1<br>06/25/03 | 19-9-17-SB-2<br>3-5<br>06/25/03 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                 |                                 |                                 |                                 |                                 |
| 1,3,5-Trinitrobenzene                                | ND(0.38) J [ND(0.37) J]         | ND(0.50) J                      | ND(0.55) J                      | ND(0.44) J                      | ND(0.42) J                      |
| 1,3-Dichlorobenzene                                  | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| 1,3-Dinitrobenzene                                   | ND(0.77) [ND(0.75)]             | ND(0.84)                        | ND(1.1)                         | ND(0.81)                        | ND(0.85)                        |
| 1,4-Dichlorobenzene                                  | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| 1,4-Naphthoquinone                                   | ND(0.77) [0.23 J]               | ND(0.84)                        | ND(1.1)                         | ND(0.81)                        | ND(0.85)                        |
| 1-Naphthylamine                                      | ND(0.77) [ND(0.75)]             | ND(0.84)                        | ND(1.1)                         | ND(0.81)                        | ND(0.85)                        |
| 2,3,4,6-Tetrachlorophenol                            | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| 2,4,5-Trichlorophenol                                | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| 2,4,6-Trichlorophenol                                | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| 2,4-Dichlorophenol                                   | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| 2,4-Dimethylphenol                                   | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| 2,4-Dinitrophenol                                    | ND(1.9) J [ND(1.9) J]           | ND(2.5) J                       | ND(2.8) J                       | ND(2.2) J                       | ND(2.1) J                       |
| 2,4-Dinitrotoluene                                   | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| 2,6-Dichlorophenol                                   | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| 2,6-Dinitrotoluene                                   | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| 2-Acetylamino fluorene                               | ND(0.77) [ND(0.75)]             | ND(0.84)                        | ND(1.1)                         | ND(0.81)                        | ND(0.85)                        |
| 2-Chloronaphthalene                                  | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| 2-Chlorophenol                                       | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| 2-Methylnaphthalene                                  | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| 2-Methylphenol                                       | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| 2-Naphthylamine                                      | ND(0.77) [ND(0.75)]             | ND(0.84) J                      | ND(1.1) J                       | ND(0.81) J                      | ND(0.85) J                      |
| 2-Nitroaniline                                       | ND(1.9) [ND(1.9)]               | ND(2.5)                         | ND(2.8)                         | ND(2.2)                         | ND(2.1)                         |
| 2-Nitrophenol                                        | ND(0.77) [ND(0.75)]             | ND(0.84)                        | ND(1.1)                         | ND(0.81)                        | ND(0.85)                        |
| 2-Picoline                                           | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| 3&4-Methylphenol                                     | ND(0.77) [ND(0.75)]             | ND(0.84)                        | ND(1.1)                         | ND(0.81)                        | ND(0.85)                        |
| 3,3'-Dichlorobenzidine                               | ND(0.77) [ND(0.75)]             | ND(1.0)                         | ND(1.1)                         | ND(0.88)                        | ND(0.85)                        |
| 3,3'-Dimethylbenzidine                               | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| 3-Methylcholanthrene                                 | ND(0.77) [ND(0.75)]             | ND(0.84)                        | ND(1.1)                         | ND(0.81)                        | ND(0.85)                        |
| 3-Nitroaniline                                       | ND(1.9) [ND(1.9)]               | ND(2.5)                         | ND(2.8)                         | ND(2.2)                         | ND(2.1)                         |
| 4,6-Dinitro-2-methylphenol                           | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| 4-Aminobiphenyl                                      | ND(0.77) [ND(0.75)]             | ND(0.84)                        | ND(1.1)                         | ND(0.81)                        | ND(0.85)                        |
| 4-Bromophenyl-phenylether                            | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| 4-Chloro-3-Methylphenol                              | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| 4-Chloroaniline                                      | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| 4-Chlorobenzilate                                    | ND(0.77) [ND(0.75)]             | ND(0.84)                        | ND(1.1)                         | ND(0.81)                        | ND(0.85)                        |
| 4-Chlorophenyl-phenylether                           | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| 4-Nitroaniline                                       | ND(1.9) [ND(1.9)]               | ND(2.1)                         | ND(2.8)                         | ND(2.0)                         | ND(2.1)                         |
| 4-Nitrophenol                                        | ND(1.9) J [ND(1.9) J]           | ND(2.5) J                       | ND(2.8) J                       | ND(2.2) J                       | ND(2.1) J                       |
| 4-Nitroquinoline-1-oxide                             | ND(0.77) [ND(0.75)]             | ND(0.84)                        | ND(1.1)                         | ND(0.81)                        | ND(0.85)                        |
| 4-Phenylenediamine                                   | ND(0.77) [ND(0.75)]             | ND(0.84)                        | ND(1.1)                         | ND(0.81)                        | ND(0.85)                        |
| 5-Nitro-o-toluidine                                  | ND(0.77) [ND(0.75)]             | ND(0.84)                        | ND(1.1)                         | ND(0.81)                        | ND(0.85)                        |
| 7,12-Dimethylbenz(a)anthracene                       | ND(0.77) [ND(0.75)]             | ND(0.84)                        | ND(1.1)                         | ND(0.81)                        | ND(0.85)                        |
| a,a'-Dimethylphenethylamine                          | ND(0.77) J [ND(0.75) J]         | ND(0.84)                        | ND(1.1)                         | ND(0.81)                        | ND(0.85)                        |
| Acenaphthene                                         | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| Acenaphthylene                                       | 0.24 J [0.098 J]                | ND(0.50)                        | ND(0.55)                        | 0.34 J                          | ND(0.42)                        |
| Acetophenone                                         | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| Aniline                                              | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| Anthracene                                           | ND(0.38) [0.10 J]               | ND(0.50)                        | ND(0.55)                        | 1.1                             | 0.17 J                          |
| Aramite                                              | ND(0.77) [ND(0.75)]             | ND(0.84)                        | ND(1.1)                         | ND(0.81)                        | ND(0.85)                        |
| Benzidine                                            | ND(0.77) [ND(0.75)]             | ND(1.0)                         | ND(1.1)                         | ND(0.88)                        | ND(0.85)                        |
| Benzo(a)anthracene                                   | 1.3 J [0.45 J]                  | ND(0.50)                        | ND(0.55)                        | 3.6                             | 0.44                            |
| Benzo(a)pyrene                                       | 1.2 J [0.44 J]                  | ND(0.50)                        | 0.13 J                          | 3.0                             | 0.44                            |
| Benzo(b)fluoranthene                                 | 0.96 J [0.34 J]                 | ND(0.50)                        | ND(0.55)                        | 2.2                             | 0.40 J                          |
| Benzo(g,h,i)perylene                                 | 0.92 J [0.34 J]                 | ND(0.50)                        | ND(0.55)                        | 1.6                             | 0.32 J                          |
| Benzo(k)fluoranthene                                 | 1.1 J [0.34 J]                  | ND(0.50)                        | ND(0.55)                        | 3.0                             | 0.42 J                          |
| Benzyl Alcohol                                       | ND(0.77) [ND(0.75)]             | ND(1.0)                         | ND(1.1)                         | ND(0.88)                        | ND(0.85)                        |
| bis(2-Chloroethoxy)methane                           | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| bis(2-Chloroethyl)ether                              | ND(0.38) J [ND(0.37) J]         | ND(0.50) J                      | ND(0.55) J                      | ND(0.44) J                      | ND(0.42) J                      |
| bis(2-Chloroisopropyl)ether                          | ND(0.38) [ND(0.37)]             | ND(0.50) J                      | ND(0.55) J                      | ND(0.44) J                      | ND(0.42) J                      |
| bis(2-Ethylhexyl)phthalate                           | ND(0.38) [ND(0.37)]             | ND(0.42)                        | ND(0.54)                        | ND(0.40)                        | ND(0.42)                        |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-11-SB-5<br>1-3<br>06/24/03 | 19-9-17-SB-1<br>0-1<br>06/25/03 | 19-9-17-SB-1<br>1-3<br>06/25/03 | 19-9-17-SB-2<br>0-1<br>06/25/03 | 19-9-17-SB-2<br>3-5<br>06/25/03 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                 |                                 |                                 |                                 |                                 |
| Butylbenzylphthalate                                 | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| Chrysene                                             | 1.2 J [0.45 J]                  | ND(0.50)                        | 0.16 J                          | 3.4                             | 0.59                            |
| Diallate                                             | ND(0.77) [ND(0.75)]             | ND(0.84)                        | ND(1.1)                         | ND(0.81)                        | ND(0.85)                        |
| Dibenzo(a,h)anthracene                               | 0.20 J [ND(0.37)]               | ND(0.50)                        | ND(0.55)                        | 0.41 J                          | ND(0.42)                        |
| Dibenzofuran                                         | 0.087 J [ND(0.37)]              | ND(0.50)                        | ND(0.55)                        | 0.18 J                          | ND(0.42)                        |
| Diethylphthalate                                     | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| Dimethylphthalate                                    | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| Di-n-Butylphthalate                                  | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| Di-n-Octylphthalate                                  | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| Diphenylamine                                        | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| Ethyl Methanesulfonate                               | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| Fluoranthene                                         | 2.8 J [0.82 J]                  | 0.21 J                          | 0.23 J                          | 7.8                             | 1.2                             |
| Fluorene                                             | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | 0.30 J                          | ND(0.42)                        |
| Hexachlorobenzene                                    | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| Hexachlorobutadiene                                  | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| Hexachlorocyclopentadiene                            | ND(0.38) J [ND(0.37) J]         | ND(0.50) J                      | ND(0.55) J                      | ND(0.44) J                      | ND(0.42) J                      |
| Hexachloroethane                                     | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| Hexachlorophene                                      | ND(0.77) J [ND(0.75) J]         | ND(1.0) J                       | ND(1.1) J                       | ND(0.88) J                      | 0.23 J                          |
| Hexachloropropene                                    | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| Indeno(1,2,3-cd)pyrene                               | 0.73 J [0.26 J]                 | ND(0.50)                        | ND(0.55)                        | 1.4                             | 0.23 J                          |
| Isodrin                                              | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| Isophorone                                           | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| Isosafrole                                           | ND(0.77) [ND(0.75)]             | ND(0.84)                        | ND(1.1)                         | ND(0.81)                        | ND(0.85)                        |
| Methapyrilene                                        | ND(0.77) [ND(0.75)]             | ND(0.84)                        | ND(1.1)                         | ND(0.81)                        | ND(0.85)                        |
| Methyl Methanesulfonate                              | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| Naphthalene                                          | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | 0.22 J                          | ND(0.42)                        |
| Nitrobenzene                                         | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| N-Nitrosodiethylamine                                | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| N-Nitrosodimethylamine                               | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| N-Nitroso-di-n-butylamine                            | ND(0.77) J [ND(0.75) J]         | ND(0.84)                        | ND(1.1)                         | ND(0.81)                        | ND(0.85)                        |
| N-Nitroso-di-n-propylamine                           | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| N-Nitrosodiphenylamine                               | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| N-Nitrosomethylethylamine                            | ND(0.77) [ND(0.75)]             | ND(0.84)                        | ND(1.1)                         | ND(0.81)                        | ND(0.85)                        |
| N-Nitrosomorpholine                                  | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| N-Nitrosopiperidine                                  | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| N-Nitrosopyrrolidine                                 | ND(0.77) J [ND(0.75) J]         | ND(0.84)                        | ND(1.1)                         | ND(0.81)                        | ND(0.85)                        |
| o,o,o-Triethylphosphorothioate                       | ND(0.38) J [ND(0.37) J]         | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| o-Toluidine                                          | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| p-Dimethylaminoazobenzene                            | ND(0.77) [ND(0.75)]             | ND(0.84)                        | ND(1.1)                         | ND(0.81)                        | ND(0.85)                        |
| Pentachlorobenzene                                   | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| Pentachloroethane                                    | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| Pentachloronitrobenzene                              | ND(0.77) [ND(0.75)]             | ND(0.84)                        | ND(1.1)                         | ND(0.81)                        | ND(0.85)                        |
| Pentachlorophenol                                    | ND(1.9) [ND(1.9)]               | ND(2.5)                         | ND(2.8)                         | ND(2.2)                         | ND(2.1)                         |
| Phenacetin                                           | ND(0.77) [ND(0.75)]             | ND(0.84)                        | ND(1.1)                         | ND(0.81)                        | ND(0.85)                        |
| Phenanthrene                                         | 1.3 J [0.30 J]                  | 0.11 J                          | 0.13 J                          | 3.7                             | 0.65                            |
| Phenol                                               | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| Pronamide                                            | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| Pyrene                                               | 3.2 J [1.1 J]                   | 0.19 J                          | 0.26 J                          | 6.8                             | 1.1                             |
| Pyridine                                             | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |
| Safrole                                              | ND(0.38) [ND(0.37)]             | ND(0.50) J                      | ND(0.55) J                      | ND(0.44) J                      | ND(0.42) J                      |
| Thionazin                                            | ND(0.38) [ND(0.37)]             | ND(0.50)                        | ND(0.55)                        | ND(0.44)                        | ND(0.42)                        |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 9-9-11-SB-5<br>1-3<br>06/24/03  | 9-9-17-SB-1<br>0-1<br>06/25/03 | 9-9-17-SB-1<br>1-3<br>06/25/03 | 9-9-17-SB-2<br>0-1<br>06/25/03 | 9-9-17-SB-2<br>3-5<br>06/25/03 |
|------------------------------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| <b>Furans</b>                                        |                                 |                                |                                |                                |                                |
| 2,3,7,8-TCDF                                         | ND(0.000018) Y [ND(0.000023) Y] | ND(0.000011) Y                 | 0.000047 YI                    | 0.000027 YI                    | 0.000084 Y                     |
| TCDFs (total)                                        | 0.000034 [0.000032]             | 0.000016                       | 0.0014                         | 0.00024                        | 0.000039                       |
| 1,2,3,7,8-PeCDF                                      | 0.000033 [0.000032]             | 0.000063                       | 0.00013                        | 0.000077                       | ND(0.000072) X                 |
| 2,3,4,7,8-PeCDF                                      | 0.000025 [ND(0.000016)]         | 0.000036                       | 0.000027                       | ND(0.000013) X                 | ND(0.000050) X                 |
| PeCDFs (total)                                       | 0.000059 J [0.000015 J]         | 0.000047                       | 0.00077                        | 0.00026                        | 0.000048                       |
| 1,2,3,4,7,8-HxCDF                                    | 0.000035 I [ND(0.000040) X]     | ND(0.000014) X                 | 0.00017 I                      | ND(0.000024) X                 | ND(0.0000054)                  |
| 1,2,3,6,7,8-HxCDF                                    | 0.000085 [0.000054]             | 0.000067                       | 0.000040                       | 0.000035                       | 0.000016                       |
| 1,2,3,7,8,9-HxCDF                                    | ND(0.000011) [ND(0.0000097)]    | ND(0.0000072)                  | ND(0.000017)                   | ND(0.000012)                   | 0.000033                       |
| 2,3,4,6,7,8-HxCDF                                    | ND(0.000032) X [0.000041]       | ND(0.000042) X                 | 0.000015                       | 0.000015                       | ND(0.000010) X                 |
| HxCDFs (total)                                       | 0.00012 [0.00010]               | 0.00010                        | 0.00052                        | 0.00015                        | 0.000074                       |
| 1,2,3,4,6,7,8-HpCDF                                  | 0.00012 [0.00013]               | 0.00011                        | 0.00042                        | 0.00010                        | 0.00015                        |
| 1,2,3,4,7,8,9-HpCDF                                  | 0.000025 [0.000018]             | 0.000010                       | 0.00012                        | 0.000015                       | 0.000040                       |
| HpCDFs (total)                                       | 0.00016 [0.00015]               | 0.00013                        | 0.00061                        | 0.00012                        | 0.00021                        |
| OCDF                                                 | 0.0011 [0.00099]                | ND(0.00030) J                  | 0.0040                         | 0.00046                        | 0.0016                         |
| <b>Dioxins</b>                                       |                                 |                                |                                |                                |                                |
| 2,3,7,8-TCDD                                         | ND(0.000011) [ND(0.000010)]     | ND(0.0000080)                  | ND(0.000014)                   | ND(0.0000089)                  | ND(0.0000065)                  |
| TCDDs (total)                                        | ND(0.000011) [ND(0.000010)]     | ND(0.0000080)                  | ND(0.000014)                   | 0.000017                       | ND(0.0000065)                  |
| 1,2,3,7,8-PeCDD                                      | ND(0.000020) [ND(0.000018)]     | ND(0.000012)                   | ND(0.000030)                   | ND(0.000013)                   | ND(0.0000087)                  |
| PeCDDs (total)                                       | ND(0.000020) [ND(0.000018)]     | 0.000022                       | ND(0.000030)                   | ND(0.000013)                   | ND(0.0000087)                  |
| 1,2,3,4,7,8-HxCDD                                    | ND(0.000015) [ND(0.000012)]     | 0.000027                       | ND(0.000021)                   | ND(0.000013) X                 | ND(0.0000058)                  |
| 1,2,3,6,7,8-HxCDD                                    | 0.000084 [0.000013]             | 0.000010                       | 0.000078                       | ND(0.000048) X                 | ND(0.0000088) X                |
| 1,2,3,7,8,9-HxCDD                                    | ND(0.000013) [0.000051]         | 0.000088                       | ND(0.000019)                   | ND(0.000056) X                 | ND(0.0000053)                  |
| HxCDDs (total)                                       | 0.000084 J [0.000018 J]         | 0.000054                       | 0.000078                       | 0.000058                       | 0.000030                       |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.00052 [0.00084]               | 0.00017                        | 0.00014                        | 0.000066                       | 0.000019                       |
| HpCDDs (total)                                       | 0.00078 [0.0012]                | 0.00027                        | 0.00023                        | 0.00012                        | 0.000030                       |
| OCDD                                                 | 0.0093 [0.015]                  | 0.0011 J                       | 0.0011 J                       | 0.00053 J                      | 0.00011 J                      |
| Total TEQs (WHO TEFs)                                | 0.000017 [0.000019]             | 0.000010                       | 0.000058                       | 0.000020                       | 0.0000078                      |
| <b>Inorganics</b>                                    |                                 |                                |                                |                                |                                |
| Antimony                                             | 3.70 B [ND(6.00)]               | 1.20 B                         | 2.00 B                         | 2.90 B                         | 7.40                           |
| Arsenic                                              | 4.20 [5.50]                     | 4.70                           | 7.40                           | 11.0                           | 7.70                           |
| Barium                                               | 75.0 [60.0]                     | 55.0                           | 210                            | 150                            | 53.0                           |
| Beryllium                                            | ND(0.500) [ND(0.500)]           | 0.120 J                        | 0.330 J                        | 0.220 J                        | 0.160 J                        |
| Cadmium                                              | 0.950 J [0.240 J]               | 0.640                          | 1.50                           | 0.780                          | 0.340 B                        |
| Chromium                                             | 42.0 J [9.60 J]                 | 14.0                           | 10.0                           | 14.0                           | 8.10                           |
| Cobalt                                               | 7.50 [6.30]                     | 6.00                           | 6.40                           | 7.20                           | 7.80                           |
| Copper                                               | 20.0 [18.0]                     | 41.0                           | 70.0                           | 90.0                           | 60.0                           |
| Cyanide                                              | 0.230 [0.200 B]                 | 0.400                          | 0.950                          | 0.130                          | 0.120 B                        |
| Lead                                                 | 220 J [44.0 J]                  | 130                            | 310                            | 460                            | 850                            |
| Mercury                                              | 0.0320 B [0.0400 B]             | 0.270                          | 0.590                          | 1.50                           | 0.360                          |
| Nickel                                               | 12.0 [12.0]                     | 13.0                           | 14.0                           | 14.0                           | 13.0                           |
| Selenium                                             | ND(1.00) J [ND(1.00) J]         | 1.30 J                         | 2.00 J                         | 1.50 J                         | 1.60 J                         |
| Silver                                               | ND(1.00) J [ND(1.00) J]         | 0.230 B                        | 0.690 B                        | 0.570 B                        | 0.300 B                        |
| Sulfide                                              | 16.0 J [60.0 J]                 | 18.0                           | 21.0                           | 12.0                           | 50.0                           |
| Thallium                                             | ND(1.10) [ND(1.10)]             | ND(1.30)                       | ND(1.60)                       | ND(1.20)                       | ND(1.30)                       |
| Tin                                                  | 4.10 B [3.90 B]                 | 20.0                           | 28.0                           | 30.0                           | 17.0                           |
| Vanadium                                             | 7.40 [8.10]                     | 9.00                           | 21.0                           | 15.0                           | 10.0                           |
| Zinc                                                 | 170 [140]                       | 130                            | 350                            | 270                            | 110                            |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-18-SB-1<br>0-1<br>06/25/03 | 19-9-18-SB-1<br>1-3<br>06/25/03 | 19-9-18-SB-2<br>0-1<br>06/25/03 | 19-9-18-SB-2<br>3-5<br>06/25/03 | 19-9-21-SB-3<br>0-1<br>06/26/03 | 19-9-21-SB-3<br>1-3<br>06/26/03 | 19-9-21-SB-5<br>0-1<br>06/26/03 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Volatiles Organics</b>                            |                                 |                                 |                                 |                                 |                                 |                                 |                                 |
| 1,1,1,2-Tetrachloroethane                            | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| 1,1,1-Trichloroethane                                | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| 1,1,2-Tetrachloroethane                              | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| 1,1,2-Trichloroethane                                | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| 1,1-Dichloroethane                                   | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| 1,1-Dichloroethene                                   | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| 1,2,3-Trichloropropane                               | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| 1,2-Dibromo-3-chloropropane                          | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| 1,2-Dibromoethane                                    | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| 1,2-Dichloroethane                                   | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| 1,2-Dichloropropane                                  | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| 1,4-Dioxane                                          | ND(0.18) J                      | ND(0.16) J                      | ND(0.13) J                      | ND(0.13) J                      | ND(0.12) J                      | ND(0.12) J                      | ND(0.11) J                      |
| 2-Butanone                                           | ND(0.018)                       | ND(0.016)                       | ND(0.013)                       | ND(0.013)                       | ND(0.012)                       | ND(0.012)                       | ND(0.011)                       |
| 2-Chloro-1,3-butadiene                               | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| 2-Chloroethylvinylether                              | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| 2-Hexanone                                           | ND(0.018)                       | ND(0.016)                       | ND(0.013)                       | ND(0.013)                       | ND(0.012)                       | ND(0.012)                       | ND(0.011)                       |
| 3-Chloropropene                                      | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| 4-Methyl-2-pentanone                                 | ND(0.018)                       | ND(0.016)                       | ND(0.013)                       | ND(0.013)                       | ND(0.012)                       | ND(0.012)                       | ND(0.011)                       |
| Acetone                                              | ND(0.036)                       | ND(0.033)                       | ND(0.027)                       | ND(0.026)                       | 0.015 J                         | ND(0.024)                       | ND(0.022)                       |
| Acetonitrile                                         | ND(0.18) J                      | ND(0.16) J                      | ND(0.13) J                      | ND(0.13) J                      | ND(0.12) J                      | ND(0.12) J                      | ND(0.11) J                      |
| Acrolein                                             | ND(0.18) J                      | ND(0.16) J                      | ND(0.13) J                      | ND(0.13) J                      | ND(0.12) J                      | ND(0.12) J                      | ND(0.11) J                      |
| Acrylonitrile                                        | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| Benzene                                              | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| Bromodichloromethane                                 | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| Bromoform                                            | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| Bromomethane                                         | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| Carbon Disulfide                                     | ND(0.0091) J                    | ND(0.0082) J                    | ND(0.0067) J                    | ND(0.0066) J                    | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| Carbon Tetrachloride                                 | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| Chlorobenzene                                        | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| Chloroethane                                         | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| Chloroform                                           | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| Chloromethane                                        | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| cis-1,3-Dichloropropene                              | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| Dibromochloromethane                                 | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| Dibromomethane                                       | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| Dichlorodifluoromethane                              | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| Ethyl Methacrylate                                   | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| Ethylbenzene                                         | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| Iodomethane                                          | ND(0.0091) J                    | ND(0.0082) J                    | ND(0.0067) J                    | ND(0.0066) J                    | ND(0.0058) J                    | ND(0.0061) J                    | ND(0.0054) J                    |
| Isobutanol                                           | ND(0.18) J                      | ND(0.16) J                      | ND(0.13) J                      | ND(0.13) J                      | ND(0.12) J                      | ND(0.12) J                      | ND(0.11) J                      |
| Methacrylonitrile                                    | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| Methyl Methacrylate                                  | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| Methylene Chloride                                   | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| Propionitrile                                        | ND(0.018)                       | ND(0.016)                       | ND(0.013)                       | ND(0.013)                       | ND(0.012)                       | ND(0.012)                       | ND(0.011)                       |
| Styrene                                              | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| Tetrachloroethene                                    | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| Toluene                                              | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| trans-1,2-Dichloroethene                             | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| trans-1,3-Dichloropropene                            | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| trans-1,4-Dichloro-2-butene                          | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| Trichloroethene                                      | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| Trichlorofluoromethane                               | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| Vinyl Acetate                                        | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| Vinyl Chloride                                       | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| Xylenes (total)                                      | ND(0.0091)                      | ND(0.0082)                      | ND(0.0067)                      | ND(0.0066)                      | ND(0.0058)                      | ND(0.0061)                      | ND(0.0054)                      |
| <b>Semivolatile Organics</b>                         |                                 |                                 |                                 |                                 |                                 |                                 |                                 |
| 1,2,4,5-Tetrachlorobenzene                           | ND(0.64)                        | ND(0.65) J                      | ND(0.44)                        | ND(0.48)                        | ND(0.38) J                      | ND(0.40) J                      | ND(0.36) J                      |
| 1,2,4-Trichlorobenzene                               | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | 0.13 J                          | ND(0.36)                        |
| 1,2-Dichlorobenzene                                  | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| 1,2-Diphenylhydrazine                                | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Parameter<br>Date Collected: | 19-9-18-SB-1<br>0-1<br>06/25/03 | 19-9-18-SB-1<br>1-3<br>06/25/03 | 19-9-18-SB-2<br>0-1<br>06/25/03 | 19-9-18-SB-2<br>3-5<br>06/25/03 | 19-9-21-SB-3<br>0-1<br>06/26/03 | 19-9-21-SB-3<br>1-3<br>06/26/03 | 19-9-21-SB-5<br>0-1<br>06/26/03 |
|-------------------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>                          |                                 |                                 |                                 |                                 |                                 |                                 |                                 |
| 1,3,5-Trinitrobenzene                                             | ND(0.64) J                      | ND(0.65) J                      | ND(0.44) J                      | ND(0.48) J                      | ND(0.38) J                      | ND(0.40) J                      | ND(0.36) J                      |
| 1,3-Dichlorobenzene                                               | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| 1,3-Dinitrobenzene                                                | ND(1.2)                         | ND(1.1)                         | ND(0.89)                        | ND(0.88)                        | ND(0.77)                        | ND(0.81)                        | ND(0.73)                        |
| 1,4-Dichlorobenzene                                               | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| 1,4-Naphthoquinone                                                | ND(1.2)                         | ND(1.1)                         | ND(0.89)                        | ND(0.88)                        | ND(0.77)                        | ND(0.81)                        | ND(0.73)                        |
| 1-Naphthylamine                                                   | ND(1.2)                         | ND(1.1)                         | ND(0.89)                        | ND(0.88)                        | ND(0.77)                        | ND(0.81)                        | ND(0.73)                        |
| 2,3,4,6-Tetrachlorophenol                                         | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38) J                      | ND(0.40) J                      | R                               |
| 2,4,5-Trichlorophenol                                             | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | R                               |
| 2,4,6-Trichlorophenol                                             | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | R                               |
| 2,4-Dichlorophenol                                                | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | R                               |
| 2,4-Dimethylphenol                                                | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | R                               |
| 2,4-Dinitrophenol                                                 | ND(3.2) J                       | ND(3.3) J                       | ND(2.3) J                       | ND(2.4) J                       | ND(2.0) J                       | ND(2.1) J                       | R                               |
| 2,4-Dinitrotoluene                                                | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| 2,6-Dichlorophenol                                                | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | R                               |
| 2,6-Dinitrotoluene                                                | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| 2-Acetylaminofluorene                                             | ND(1.2)                         | ND(1.1)                         | ND(0.89)                        | ND(0.88)                        | ND(0.77)                        | ND(0.81)                        | ND(0.73)                        |
| 2-Chloronaphthalene                                               | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| 2-Chlorophenol                                                    | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | R                               |
| 2-Methylnaphthalene                                               | ND(0.64)                        | ND(0.65)                        | 0.17 J                          | ND(0.48)                        | 0.094 J                         | ND(0.40)                        | ND(0.36)                        |
| 2-Methylphenol                                                    | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| 2-Naphthylamine                                                   | ND(1.2) J                       | ND(1.1)                         | ND(0.89) J                      | ND(0.88) J                      | ND(0.77)                        | ND(0.81)                        | ND(0.73)                        |
| 2-Nitroaniline                                                    | ND(3.2)                         | ND(3.3)                         | ND(2.3)                         | ND(2.4)                         | ND(2.0)                         | ND(2.1)                         | ND(1.8)                         |
| 2-Nitrophenol                                                     | ND(1.2)                         | ND(1.1)                         | ND(0.89)                        | ND(0.88)                        | ND(0.77)                        | ND(0.81)                        | R                               |
| 2-Picoline                                                        | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| 3&4-Methylphenol                                                  | ND(1.2)                         | ND(1.1)                         | ND(0.89)                        | ND(0.88)                        | ND(0.77)                        | ND(0.81)                        | R                               |
| 3,3'-Dichlorobenzidine                                            | ND(1.3)                         | ND(1.3)                         | ND(0.89)                        | ND(0.95)                        | ND(0.77) J                      | ND(0.81) J                      | ND(0.73) J                      |
| 3,3'-Dimethylbenzidine                                            | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| 3-Methylcholanthrene                                              | ND(1.2)                         | ND(1.1)                         | ND(0.89)                        | ND(0.88)                        | ND(0.77)                        | ND(0.81)                        | ND(0.73)                        |
| 3-Nitroaniline                                                    | ND(3.2)                         | ND(3.3)                         | ND(2.3)                         | ND(2.4)                         | ND(2.0)                         | ND(2.1)                         | ND(1.8)                         |
| 4,6-Dinitro-2-methylphenol                                        | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | R                               |
| 4-Aminobiphenyl                                                   | ND(1.2)                         | ND(1.1)                         | ND(0.89)                        | ND(0.88)                        | ND(0.77)                        | ND(0.81)                        | ND(0.73)                        |
| 4-Bromophenyl-phenylether                                         | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| 4-Chloro-3-Methylphenol                                           | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40) J                      | R                               |
| 4-Chloroaniline                                                   | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| 4-Chlorobenzilate                                                 | ND(1.2)                         | ND(1.1) J                       | ND(0.89)                        | ND(0.88)                        | ND(0.77)                        | ND(0.81)                        | ND(0.73)                        |
| 4-Chlorophenyl-phenylether                                        | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| 4-Nitroaniline                                                    | ND(3.1)                         | ND(2.8)                         | ND(2.3)                         | ND(2.2)                         | ND(2.0) J                       | ND(2.1) J                       | ND(1.8) J                       |
| 4-Nitrophenol                                                     | ND(3.2) J                       | ND(3.3) J                       | ND(2.3) J                       | ND(2.4) J                       | ND(2.0) J                       | ND(2.1) J                       | R                               |
| 4-Nitroquinoline-1-oxide                                          | ND(1.2)                         | ND(1.1)                         | ND(0.89)                        | ND(0.88)                        | ND(0.77)                        | ND(0.81)                        | ND(0.73)                        |
| 4-Phenylenediamine                                                | ND(1.2)                         | ND(1.1)                         | ND(0.89)                        | ND(0.88)                        | ND(0.77)                        | ND(0.81)                        | ND(0.73)                        |
| 5-Nitro-o-toluidine                                               | ND(1.2)                         | ND(1.1)                         | ND(0.89)                        | ND(0.88)                        | ND(0.77)                        | ND(0.81)                        | ND(0.73)                        |
| 7,12-Dimethylbenz(a)anthracene                                    | ND(1.2)                         | ND(1.1)                         | ND(0.89)                        | ND(0.88)                        | ND(0.77)                        | ND(0.81)                        | ND(0.73)                        |
| a,a'-Dimethylphenethylamine                                       | ND(1.2)                         | ND(1.1) J                       | ND(0.89)                        | ND(0.88)                        | ND(0.77)                        | ND(0.81)                        | ND(0.73)                        |
| Acenaphthene                                                      | ND(0.64)                        | ND(0.65)                        | 0.12 J                          | ND(0.48)                        | 0.42                            | ND(0.40)                        | ND(0.36)                        |
| Acenaphthylene                                                    | ND(0.64)                        | 0.31 J                          | 0.63                            | 0.14 J                          | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| Acetophenone                                                      | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| Aniline                                                           | ND(0.64)                        | 0.48 J                          | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | 0.13 J                          | ND(0.36)                        |
| Anthracene                                                        | ND(0.64)                        | 0.69                            | 0.70                            | 0.23 J                          | 0.37 J                          | ND(0.40)                        | ND(0.36)                        |
| Aramite                                                           | ND(1.2)                         | ND(1.1)                         | ND(0.89)                        | ND(0.88)                        | ND(0.77)                        | ND(0.81)                        | ND(0.73)                        |
| Benzidine                                                         | ND(1.3)                         | ND(1.3)                         | ND(0.89)                        | ND(0.95)                        | ND(0.77) J                      | ND(0.81) J                      | ND(0.73) J                      |
| Benzo(a)anthracene                                                | 0.13 J                          | 1.0                             | 2.4                             | 0.75                            | 0.95                            | 0.11 J                          | ND(0.36)                        |
| Benzo(a)pyrene                                                    | ND(0.64)                        | 0.81                            | 2.5                             | 0.82                            | 0.92                            | 0.094 J                         | ND(0.36)                        |
| Benzo(b)fluoranthene                                              | ND(0.64)                        | 0.79                            | 2.2                             | ND(0.48)                        | 0.69                            | ND(0.40)                        | ND(0.36)                        |
| Benzo(g,h,i)perylene                                              | ND(0.64)                        | 0.35 J                          | 1.6                             | 0.53                            | 0.63                            | 0.12 J                          | ND(0.36)                        |
| Benzo(k)fluoranthene                                              | ND(0.64)                        | 0.57 J                          | 2.1                             | ND(0.48)                        | 0.72                            | ND(0.40)                        | ND(0.36)                        |
| Benzyl Alcohol                                                    | ND(1.3)                         | ND(1.3)                         | ND(0.89)                        | ND(0.95)                        | ND(0.77)                        | ND(0.81)                        | R                               |
| bis(2-Chloroethoxy)methane                                        | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38) J                      | ND(0.40) J                      | ND(0.36) J                      |
| bis(2-Chloroethyl)ether                                           | ND(0.64) J                      | ND(0.65) J                      | ND(0.44) J                      | ND(0.48) J                      | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| bis(2-Chloroisopropyl)ether                                       | ND(0.64) J                      | ND(0.65)                        | ND(0.44) J                      | ND(0.48) J                      | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| bis(2-Ethylhexyl)phthalate                                        | ND(0.60)                        | ND(0.54)                        | ND(0.44)                        | ND(0.43)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-18-SB-1<br>0-1<br>06/25/03 | 19-9-18-SB-1<br>1-3<br>06/25/03 | 19-9-18-SB-2<br>0-1<br>06/25/03 | 19-9-18-SB-2<br>3-5<br>06/25/03 | 19-9-21-SB-3<br>0-1<br>06/26/03 | 19-9-21-SB-3<br>1-3<br>06/26/03 | 19-9-21-SB-5<br>0-1<br>06/26/03 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                 |                                 |                                 |                                 |                                 |                                 |                                 |
| Butylbenzylphthalate                                 | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| Chrysene                                             | 0.16 J                          | 1.0                             | 2.4                             | 0.76                            | 1.0                             | 0.14 J                          | ND(0.36)                        |
| Diallate                                             | ND(1.2)                         | ND(1.1)                         | ND(0.89)                        | ND(0.88)                        | ND(0.77)                        | ND(0.81)                        | ND(0.73)                        |
| Dibenzo(a,h)anthracene                               | ND(0.64)                        | ND(0.65)                        | 0.40 J                          | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| Dibenzofuran                                         | ND(0.64)                        | 0.19 J                          | 0.13 J                          | ND(0.48)                        | 0.10 J                          | ND(0.40)                        | ND(0.36)                        |
| Diethylphthalate                                     | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| Dimethylphthalate                                    | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| Di-n-Butylphthalate                                  | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| Di-n-Octylphthalate                                  | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| Diphenylamine                                        | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| Ethyl Methanesulfonate                               | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| Fluoranthene                                         | 0.32 J                          | 2.6                             | 4.4                             | 1.3                             | 2.2                             | 0.22 J                          | ND(0.36)                        |
| Fluorene                                             | ND(0.64)                        | 0.59 J                          | 0.26 J                          | 0.17 J                          | 0.18 J                          | ND(0.40)                        | ND(0.36)                        |
| Hexachlorobenzene                                    | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| Hexachlorobutadiene                                  | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| Hexachlorocyclopentadiene                            | ND(0.64) J                      | ND(0.65) J                      | ND(0.44) J                      | ND(0.48) J                      | ND(0.38) J                      | ND(0.40) J                      | ND(0.36) J                      |
| Hexachloroethane                                     | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| Hexachlorophene                                      | ND(1.3) J                       | ND(1.3) J                       | ND(0.89) J                      | ND(0.95) J                      | ND(0.77) J                      | ND(0.81) J                      | ND(0.73) J                      |
| Hexachloropropene                                    | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38) J                      | ND(0.40) J                      | ND(0.36) J                      |
| Indeno(1,2,3-cd)pyrene                               | ND(0.64)                        | 0.33 J                          | 1.4                             | 0.44 J                          | 0.47                            | 0.12 J                          | ND(0.36)                        |
| Isodrin                                              | ND(0.64)                        | ND(0.65) J                      | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| Isophorone                                           | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| Isosafrole                                           | ND(1.2)                         | ND(1.1)                         | ND(0.89)                        | ND(0.88)                        | ND(0.77)                        | ND(0.81)                        | ND(0.73)                        |
| Methapyrene                                          | ND(1.2)                         | ND(1.1)                         | ND(0.89)                        | ND(0.88)                        | ND(0.77)                        | ND(0.81)                        | ND(0.73)                        |
| Methyl Methanesulfonate                              | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| Naphthalene                                          | ND(0.64)                        | 0.13 J                          | 0.51                            | 0.12 J                          | 0.15 J                          | ND(0.40)                        | ND(0.36)                        |
| Nitrobenzene                                         | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| N-Nitrosodiethylamine                                | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| N-Nitrosodimethylamine                               | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| N-Nitroso-di-n-butylamine                            | ND(1.2)                         | ND(1.1)                         | ND(0.89)                        | ND(0.88)                        | ND(0.77) J                      | ND(0.81) J                      | ND(0.73) J                      |
| N-Nitroso-di-n-propylamine                           | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| N-Nitrosodiphenylamine                               | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| N-Nitrosomethylethylamine                            | ND(1.2)                         | ND(1.1)                         | ND(0.89)                        | ND(0.88)                        | ND(0.77)                        | ND(0.81)                        | ND(0.73)                        |
| N-Nitrosomorpholine                                  | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| N-Nitrosopiperidine                                  | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| N-Nitrosopyrrolidine                                 | ND(1.2)                         | ND(1.1)                         | ND(0.89)                        | ND(0.88)                        | ND(0.77)                        | ND(0.81)                        | ND(0.73)                        |
| o,o,o-Triethylphosphorothioate                       | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38) J                      | ND(0.40) J                      | ND(0.36) J                      |
| o-Toluidine                                          | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| p-Dimethylaminoazobenzene                            | ND(1.2)                         | ND(1.1)                         | ND(0.89)                        | ND(0.88)                        | ND(0.77)                        | ND(0.81)                        | ND(0.73)                        |
| Pentachlorobenzene                                   | ND(0.64)                        | ND(0.65) J                      | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| Pentachloroethane                                    | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| Pentachloronitrobenzene                              | ND(1.2)                         | ND(1.1)                         | ND(0.89)                        | ND(0.88)                        | ND(0.77) J                      | ND(0.81) J                      | ND(0.73) J                      |
| Pentachlorophenol                                    | ND(3.2)                         | ND(3.3)                         | ND(2.3)                         | ND(2.4)                         | ND(2.0)                         | ND(2.1) J                       | R                               |
| Phenacetin                                           | ND(1.2)                         | ND(1.1)                         | ND(0.89)                        | ND(0.88)                        | ND(0.77)                        | ND(0.81)                        | ND(0.73)                        |
| Phenanthrene                                         | 0.21 J                          | 2.7                             | 1.9                             | 0.70                            | 1.7                             | 0.13 J                          | ND(0.36)                        |
| Phenol                                               | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | R                               |
| Pronamide                                            | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| Pyrene                                               | 0.29 J                          | 2.4                             | 3.9                             | 1.5                             | 1.9                             | 0.18 J                          | ND(0.36)                        |
| Pyridine                                             | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |
| Safrole                                              | ND(0.64) J                      | ND(0.65)                        | ND(0.44) J                      | ND(0.48) J                      | ND(0.38) J                      | ND(0.40) J                      | ND(0.36) J                      |
| Thionazin                                            | ND(0.64)                        | ND(0.65)                        | ND(0.44)                        | ND(0.48)                        | ND(0.38)                        | ND(0.40)                        | ND(0.36)                        |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-18-SB-1<br>0-1<br>06/25/03 | 19-9-18-SB-1<br>1-3<br>06/25/03 | 19-9-18-SB-2<br>0-1<br>06/25/03 | 19-9-18-SB-2<br>3-5<br>06/25/03 | 19-9-21-SB-3<br>0-1<br>06/26/03 | 19-9-21-SB-3<br>1-3<br>06/26/03 | 19-9-21-SB-5<br>0-1<br>06/26/03 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Furans</b>                                        |                                 |                                 |                                 |                                 |                                 |                                 |                                 |
| 2,3,7,8-TCDF                                         | ND(0.000087) XY                 | 0.00019 YI                      | 0.000019 YI                     | ND(0.00000055)                  | ND(0.0000041)                   | ND(0.0000043)                   | ND(0.0000026)                   |
| TCDFs (total)                                        | 0.0033                          | 0.0014                          | 0.00028                         | ND(0.00000055)                  | ND(0.0000041)                   | ND(0.0000043)                   | 0.000018                        |
| 1,2,3,7,8-PeCDF                                      | 0.0014                          | 0.00037                         | ND(0.0000084) X                 | ND(0.00000047)                  | ND(0.0000073)                   | ND(0.0000097)                   | ND(0.0000057)                   |
| 2,3,4,7,8-PeCDF                                      | 0.000072                        | 0.000079                        | ND(0.0000059) X                 | ND(0.00000050)                  | ND(0.0000077)                   | ND(0.000010)                    | ND(0.0000060)                   |
| PeCDFs (total)                                       | 0.0031                          | 0.0017                          | 0.00021                         | ND(0.00000047)                  | ND(0.0000073)                   | 0.00077 J                       | ND(0.0000057)                   |
| 1,2,3,4,7,8-HxCDF                                    | ND(0.0000049)                   | 0.0012 I                        | 0.000032 I                      | ND(0.00000048)                  | ND(0.0000054)                   | ND(0.0000051)                   | ND(0.0000044)                   |
| 1,2,3,6,7,8-HxCDF                                    | 0.00044 I                       | 0.00021                         | 0.0000059                       | ND(0.00000047)                  | 0.00038 I                       | 0.0028 IJ                       | 0.000097 I                      |
| 1,2,3,7,8,9-HxCDF                                    | ND(0.0000064)                   | ND(0.0000023)                   | ND(0.0000011)                   | ND(0.00000062)                  | ND(0.0000073)                   | ND(0.0000070)                   | ND(0.0000060)                   |
| 2,3,4,6,7,8-HxCDF                                    | ND(0.000026) X                  | 0.000072                        | 0.000013                        | ND(0.00000053)                  | ND(0.0000066)                   | ND(0.0000062)                   | ND(0.0000054)                   |
| HxCDFs (total)                                       | 0.00080                         | 0.0032                          | 0.00021                         | ND(0.00000047)                  | 0.00092                         | 0.0050 J                        | 0.00018                         |
| 1,2,3,4,6,7,8-HpCDF                                  | 0.00011                         | 0.0022                          | ND(0.000039) X                  | 0.000017                        | 0.000062                        | 0.00018 J                       | 0.000045                        |
| 1,2,3,4,7,8,9-HpCDF                                  | 0.000028                        | 0.00060                         | 0.0000059                       | ND(0.0000047) X                 | ND(0.0000069)                   | ND(0.0000059)                   | 0.000011 J                      |
| HpCDFs (total)                                       | 0.00014                         | 0.0030                          | 0.0000059                       | 0.000026                        | 0.000062                        | 0.00044 J                       | 0.00012                         |
| OCDF                                                 | ND(0.00019) J                   | 0.022                           | 0.00013                         | 0.00020                         | 0.00012                         | 0.00016 J                       | 0.00035                         |
| <b>Dioxins</b>                                       |                                 |                                 |                                 |                                 |                                 |                                 |                                 |
| 2,3,7,8-TCDD                                         | ND(0.0000016)                   | ND(0.000016) X                  | ND(0.0000062)                   | ND(0.00000054)                  | ND(0.0000099)                   | ND(0.0000098)                   | ND(0.0000045)                   |
| TCDDs (total)                                        | ND(0.0000016)                   | 0.00011                         | 0.0000021                       | ND(0.00000054)                  | ND(0.0000099)                   | ND(0.0000098)                   | ND(0.0000045)                   |
| 1,2,3,7,8-PeCDD                                      | ND(0.0000035)                   | ND(0.000012) X                  | ND(0.0000015)                   | ND(0.00000074)                  | ND(0.0000094)                   | ND(0.000013)                    | ND(0.0000081)                   |
| PeCDDs (total)                                       | ND(0.0000035)                   | ND(0.0000049)                   | ND(0.0000015)                   | ND(0.00000074)                  | ND(0.0000094)                   | ND(0.000013)                    | ND(0.0000081)                   |
| 1,2,3,4,7,8-HxCDD                                    | 0.0000035 J                     | 0.000029                        | ND(0.0000011)                   | ND(0.00000071)                  | ND(0.0000086)                   | ND(0.0000094)                   | ND(0.0000093)                   |
| 1,2,3,6,7,8-HxCDD                                    | ND(0.0000044) X                 | 0.000036                        | ND(0.0000010)                   | ND(0.00000064)                  | ND(0.0000068)                   | ND(0.0000074)                   | ND(0.0000074)                   |
| 1,2,3,7,8,9-HxCDD                                    | ND(0.000012) X                  | ND(0.000030) X                  | ND(0.0000010)                   | ND(0.00000065)                  | ND(0.0000071)                   | ND(0.0000078)                   | ND(0.0000077)                   |
| HxCDDs (total)                                       | 0.000018 J                      | 0.000065                        | ND(0.0000010)                   | ND(0.00000064)                  | 0.000025                        | 0.000058 J                      | ND(0.0000074)                   |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.00015                         | 0.00052                         | 0.000031                        | 0.0000068                       | 0.000056                        | 0.000060 J                      | 0.000044                        |
| HpCDDs (total)                                       | 0.00025                         | 0.00094                         | 0.000056                        | 0.0000068                       | 0.00011                         | 0.00012 J                       | 0.00010                         |
| OCDD                                                 | 0.0010 J                        | 0.0018 J                        | 0.00020 J                       | 0.000029 J                      | 0.00034                         | 0.00030 J                       | 0.00036                         |
| Total TEQs (WHO TEFs)                                | 0.00016                         | 0.00028                         | 0.000011                        | 0.0000013                       | 0.000053                        | 0.00030                         | 0.000021                        |
| <b>Inorganics</b>                                    |                                 |                                 |                                 |                                 |                                 |                                 |                                 |
| Antimony                                             | 41.0                            | 3.10 B                          | 1.80 B                          | ND(6.00)                        | ND(6.00)                        | 0.930 B                         | 1.20 B                          |
| Arsenic                                              | 11.0                            | 8.40                            | 10.0                            | 6.90                            | 7.40                            | 7.00                            | 5.10                            |
| Barium                                               | 43.0                            | 280                             | 98.0                            | 51.0                            | 48.0                            | 52.0                            | 150                             |
| Beryllium                                            | 0.170 J                         | 0.250 J                         | 0.160 J                         | 0.170 J                         | ND(0.500)                       | ND(0.500)                       | ND(0.500)                       |
| Cadmium                                              | 0.290 B                         | 4.10                            | 0.590                           | 0.120 B                         | 1.60                            | 2.80                            | 1.50                            |
| Chromium                                             | 10.0                            | 22.0                            | 9.00                            | 6.00                            | 9.60 J                          | 9.20 J                          | 7.60 J                          |
| Cobalt                                               | 14.0                            | 8.90                            | 8.00                            | 7.00                            | 7.70                            | 6.40                            | 6.00                            |
| Copper                                               | 45.0                            | 190                             | 53.0                            | 25.0                            | 88.0 J                          | 51.0 J                          | 42.0 J                          |
| Cyanide                                              | 0.690                           | 0.530                           | 0.180                           | 0.140                           | 0.170                           | 0.0950 B                        | 0.100 B                         |
| Lead                                                 | 130                             | 720                             | 280                             | 78.0                            | 220 J                           | 220 J                           | 120 J                           |
| Mercury                                              | 0.630                           | 1.20                            | 0.380                           | 0.170                           | 0.230                           | 0.370                           | 0.110                           |
| Nickel                                               | 22.0                            | 30.0                            | 14.0                            | 12.0                            | 19.0 J                          | 18.0 J                          | 11.0 J                          |
| Selenium                                             | 1.50 J                          | 2.10 J                          | 1.30 J                          | 1.00 J                          | ND(1.00) J                      | ND(1.00) J                      | ND(1.00) J                      |
| Silver                                               | ND(1.40)                        | 2.20                            | 0.440 B                         | 0.180 B                         | ND(1.00)                        | 0.490 B                         | ND(1.00)                        |
| Sulfide                                              | 12.0                            | 320                             | 21.0                            | 160                             | 7.40                            | 7.80                            | 7.00                            |
| Thallium                                             | ND(1.80)                        | ND(1.60)                        | ND(1.30)                        | ND(1.30)                        | ND(1.20)                        | ND(1.20)                        | ND(1.10)                        |
| Tin                                                  | 86.0                            | 35.0                            | 16.0                            | 7.10 B                          | ND(10.0)                        | ND(10.0)                        | ND(10.0)                        |
| Vanadium                                             | 11.0                            | 16.0                            | 14.0                            | 11.0                            | 13.0                            | 12.0                            | 9.80                            |
| Zinc                                                 | 88.0                            | 560                             | 200                             | 70.0                            | 150 J                           | 160 J                           | 55.0 J                          |



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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
 (Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Parameter<br>Date Collected: | 19-9-21-SB-5<br>1-3<br>06/26/03 | 19-9-22-SB-3<br>0-1<br>06/27/03 | 19-9-22-SB-3<br>1-3<br>06/27/03 | 19-9-23-SB-1<br>0-1<br>06/27/03 | 19-9-23-SB-1<br>1-3<br>06/27/03 |
|-------------------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Volatile Organics</b>                                          |                                 |                                 |                                 |                                 |                                 |
| 1,1,1,2-Tetrachloroethane                                         | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| 1,1,1-Trichloroethane                                             | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| 1,1,2,2-Tetrachloroethane                                         | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| 1,1,2-Trichloroethane                                             | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| 1,1-Dichloroethane                                                | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| 1,1-Dichloroethene                                                | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| 1,2,3-Trichloropropane                                            | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| 1,2-Dibromo-3-chloropropane                                       | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| 1,2-Dibromoethane                                                 | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| 1,2-Dichloroethane                                                | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| 1,2-Dichloropropane                                               | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| 1,4-Dioxane                                                       | ND(0.11) J [ND(0.11) J]         | ND(0.11) J                      | ND(0.14) J                      | ND(0.12) J                      | ND(0.12) J                      |
| 2-Butanone                                                        | ND(0.011) [ND(0.011)]           | ND(0.011)                       | ND(0.014)                       | ND(0.012)                       | ND(0.012)                       |
| 2-Chloro-1,3-butadiene                                            | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| 2-Chloroethylvinylether                                           | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| 2-Hexanone                                                        | ND(0.011) [ND(0.011)]           | ND(0.011)                       | ND(0.014)                       | ND(0.012)                       | ND(0.012)                       |
| 3-Chloropropene                                                   | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| 4-Methyl-2-pentanone                                              | ND(0.011) [ND(0.011)]           | ND(0.011)                       | ND(0.014)                       | ND(0.012)                       | ND(0.012)                       |
| Acetone                                                           | ND(0.022) [ND(0.022)]           | ND(0.022)                       | ND(0.028)                       | ND(0.024)                       | ND(0.023)                       |
| Acetonitrile                                                      | ND(0.11) J [ND(0.11) J]         | ND(0.11) J                      | ND(0.14) J                      | ND(0.12) J                      | ND(0.12) J                      |
| Acrolein                                                          | ND(0.11) J [ND(0.11) J]         | ND(0.11) J                      | ND(0.14) J                      | ND(0.12) J                      | ND(0.12) J                      |
| Acrylonitrile                                                     | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| Benzene                                                           | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| Bromodichloromethane                                              | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| Bromoform                                                         | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| Bromomethane                                                      | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| Carbon Disulfide                                                  | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| Carbon Tetrachloride                                              | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| Chlorobenzene                                                     | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| Chloroethane                                                      | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| Chloroform                                                        | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| Chloromethane                                                     | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| cis-1,3-Dichloropropene                                           | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| Dibromochloromethane                                              | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| Dibromomethane                                                    | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| Dichlorodifluoromethane                                           | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| Ethyl Methacrylate                                                | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| Ethylbenzene                                                      | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| Iodomethane                                                       | ND(0.0056) J [ND(0.0056) J]     | ND(0.0054) J                    | ND(0.0070) J                    | ND(0.0060) J                    | ND(0.0058) J                    |
| Isobutanol                                                        | ND(0.11) J [ND(0.11) J]         | ND(0.11) J                      | ND(0.14) J                      | ND(0.12) J                      | ND(0.12) J                      |
| Methacrylonitrile                                                 | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| Methyl Methacrylate                                               | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| Methylene Chloride                                                | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| Propionitrile                                                     | ND(0.011) [ND(0.011)]           | ND(0.011)                       | ND(0.014)                       | ND(0.012)                       | ND(0.012)                       |
| Styrene                                                           | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| Tetrachloroethene                                                 | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| Toluene                                                           | ND(0.0056) [0.0030 J]           | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| trans-1,2-Dichloroethene                                          | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| trans-1,3-Dichloropropene                                         | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| trans-1,4-Dichloro-2-butene                                       | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| Trichloroethene                                                   | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| Trichlorofluoromethane                                            | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| Vinyl Acetate                                                     | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| Vinyl Chloride                                                    | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| Xylenes (total)                                                   | ND(0.0056) [ND(0.0056)]         | ND(0.0054)                      | ND(0.0070)                      | ND(0.0060)                      | ND(0.0058)                      |
| <b>Semivolatile Organics</b>                                      |                                 |                                 |                                 |                                 |                                 |
| 1,2,4,5-Tetrachlorobenzene                                        | ND(0.38) J [ND(0.37) J]         | ND(0.45) J                      | ND(0.46) J                      | ND(0.40) J                      | ND(0.38) J                      |
| 1,2,4-Trichlorobenzene                                            | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| 1,2-Dichlorobenzene                                               | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| 1,2-Diphenylhydrazine                                             | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Parameter<br>Date Collected: | 19-9-21-SB-5<br>1-3<br>06/26/03 | 19-9-22-SB-3<br>0-1<br>06/27/03 | 19-9-22-SB-3<br>1-3<br>06/27/03 | 19-9-23-SB-1<br>0-1<br>06/27/03 | 19-9-23-SB-1<br>1-3<br>06/27/03 |
|-------------------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>                          |                                 |                                 |                                 |                                 |                                 |
| 1,3,5-Trinitrobenzene                                             | ND(0.38) J [ND(0.37) J]         | ND(0.45) J                      | ND(0.46) J                      | ND(0.40) J                      | ND(0.38) J                      |
| 1,3-Dichlorobenzene                                               | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| 1,3-Dinitrobenzene                                                | ND(0.75) [ND(0.75)]             | ND(0.73)                        | ND(0.93)                        | ND(0.80)                        | ND(0.77)                        |
| 1,4-Dichlorobenzene                                               | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| 1,4-Naphthoquinone                                                | ND(0.75) [ND(0.75)]             | ND(0.73)                        | ND(0.93)                        | ND(0.80)                        | ND(0.77)                        |
| 1-Naphthylamine                                                   | ND(0.75) [ND(0.75)]             | ND(0.73)                        | ND(0.93)                        | ND(0.80)                        | ND(0.77)                        |
| 2,3,4,6-Tetrachlorophenol                                         | ND(0.38) J [ND(0.37) J]         | ND(0.45) J                      | ND(0.46) J                      | ND(0.40) J                      | ND(0.38) J                      |
| 2,4,5-Trichlorophenol                                             | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| 2,4,6-Trichlorophenol                                             | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| 2,4-Dichlorophenol                                                | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| 2,4-Dimethylphenol                                                | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| 2,4-Dinitrophenol                                                 | ND(1.9) J [ND(1.9) J]           | ND(2.2) J                       | ND(2.4) J                       | ND(2.0) J                       | ND(2.0) J                       |
| 2,4-Dinitrotoluene                                                | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| 2,6-Dichlorophenol                                                | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| 2,6-Dinitrotoluene                                                | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| 2-Acetylaminofluorene                                             | ND(0.75) [ND(0.75)]             | ND(0.73)                        | ND(0.93)                        | ND(0.80)                        | ND(0.77)                        |
| 2-Chloronaphthalene                                               | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| 2-Chlorophenol                                                    | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| 2-Methylnaphthalene                                               | ND(0.38) [ND(0.37)]             | ND(0.45)                        | 0.13 J                          | ND(0.40)                        | ND(0.38)                        |
| 2-Methylphenol                                                    | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| 2-Naphthylamine                                                   | ND(0.75) [ND(0.75)]             | ND(0.73)                        | ND(0.93)                        | ND(0.80)                        | ND(0.77)                        |
| 2-Nitroaniline                                                    | ND(1.9) [ND(1.9)]               | ND(2.2)                         | ND(2.4)                         | ND(2.0)                         | ND(2.0)                         |
| 2-Nitrophenol                                                     | ND(0.75) [ND(0.75)]             | ND(0.73)                        | ND(0.93)                        | ND(0.80)                        | ND(0.77)                        |
| 2-Picoline                                                        | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| 3&4-Methylphenol                                                  | ND(0.75) [ND(0.75)]             | ND(0.73)                        | ND(0.93)                        | ND(0.80)                        | ND(0.77)                        |
| 3,3'-Dichlorobenzidine                                            | ND(0.75) J [ND(0.75) J]         | ND(0.90) J                      | ND(0.93) J                      | ND(0.80) J                      | ND(0.77) J                      |
| 3,3'-Dimethylbenzidine                                            | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| 3-Methylcholanthrene                                              | ND(0.75) [ND(0.75)]             | ND(0.73)                        | ND(0.93)                        | ND(0.80)                        | ND(0.77)                        |
| 3-Nitroaniline                                                    | ND(1.9) [ND(1.9)]               | ND(2.2)                         | ND(2.4)                         | ND(2.0)                         | ND(2.0)                         |
| 4,6-Dinitro-2-methylphenol                                        | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| 4-Aminobiphenyl                                                   | ND(0.75) [ND(0.75)]             | ND(0.73)                        | ND(0.93)                        | ND(0.80)                        | ND(0.77)                        |
| 4-Bromophenyl-phenylether                                         | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| 4-Chloro-3-Methylphenol                                           | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| 4-Chloroaniline                                                   | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| 4-Chlorobenzilate                                                 | ND(0.75) [ND(0.75)]             | ND(0.73)                        | ND(0.93)                        | ND(0.80)                        | ND(0.77)                        |
| 4-Chlorophenyl-phenylether                                        | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| 4-Nitroaniline                                                    | ND(1.9) J [ND(1.9) J]           | ND(1.8) J                       | ND(2.4) J                       | ND(2.0) J                       | ND(2.0) J                       |
| 4-Nitrophenol                                                     | ND(1.9) J [ND(1.9) J]           | ND(2.2) J                       | ND(2.4) J                       | ND(2.0) J                       | ND(2.0) J                       |
| 4-Nitroquinoline-1-oxide                                          | ND(0.75) [ND(0.75)]             | ND(0.73)                        | ND(0.93)                        | ND(0.80)                        | ND(0.77)                        |
| 4-Phenylenediamine                                                | ND(0.75) [ND(0.75)]             | ND(0.73)                        | ND(0.93)                        | ND(0.80)                        | ND(0.77)                        |
| 5-Nitro-o-toluidine                                               | ND(0.75) [ND(0.75)]             | ND(0.73)                        | ND(0.93)                        | ND(0.80)                        | ND(0.77)                        |
| 7,12-Dimethylbenz(a)anthracene                                    | ND(0.75) [ND(0.75)]             | ND(0.73)                        | ND(0.93)                        | ND(0.80)                        | ND(0.77)                        |
| a,a'-Dimethylphenethylamine                                       | ND(0.75) [ND(0.75)]             | ND(0.73)                        | ND(0.93)                        | ND(0.80)                        | ND(0.77)                        |
| Acenaphthene                                                      | ND(0.38) [ND(0.37)]             | ND(0.45)                        | 0.62                            | ND(0.40)                        | 0.28 J                          |
| Acenaphthylene                                                    | ND(0.38) [ND(0.37)]             | ND(0.45)                        | 0.26 J                          | ND(0.40)                        | 0.088 J                         |
| Acetophenone                                                      | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| Aniline                                                           | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| Anthracene                                                        | ND(0.38) [ND(0.37)]             | ND(0.45)                        | 0.89                            | ND(0.40)                        | 0.096 J                         |
| Aramite                                                           | ND(0.75) [ND(0.75)]             | ND(0.73)                        | ND(0.93)                        | ND(0.80)                        | ND(0.77)                        |
| Benzidine                                                         | ND(0.75) J [ND(0.75) J]         | ND(0.90) J                      | ND(0.93) J                      | ND(0.80) J                      | ND(0.77) J                      |
| Benzo(a)anthracene                                                | 0.28 J [0.32 J]                 | 0.18 J                          | 2.0                             | ND(0.40)                        | 0.36 J                          |
| Benzo(a)pyrene                                                    | 0.23 J [0.30 J]                 | 0.15 J                          | 1.8                             | ND(0.40)                        | 0.34 J                          |
| Benzo(b)fluoranthene                                              | 0.20 J [0.29 J]                 | ND(0.45)                        | 1.4                             | ND(0.40)                        | 0.28 J                          |
| Benzo(g,h,i)perylene                                              | 0.32 J [0.37 J]                 | ND(0.45)                        | 1.1                             | ND(0.40)                        | 0.21 J                          |
| Benzo(k)fluoranthene                                              | 0.14 J [0.25 J]                 | ND(0.45)                        | 1.5                             | ND(0.40)                        | 0.24 J                          |
| Benzyl Alcohol                                                    | ND(0.75) [ND(0.75)]             | ND(0.90)                        | ND(0.93)                        | ND(0.80)                        | ND(0.77)                        |
| bis(2-Chloroethoxy)methane                                        | ND(0.38) J [ND(0.37) J]         | ND(0.45) J                      | ND(0.46) J                      | ND(0.40) J                      | ND(0.38) J                      |
| bis(2-Chloroethyl)ether                                           | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| bis(2-Chloroisopropyl)ether                                       | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| bis(2-Ethylhexyl)phthalate                                        | ND(0.37) [ND(0.37)]             | 0.92                            | ND(0.46)                        | 0.51                            | 0.70                            |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Parameter<br>Date Collected: | 19-9-21-SB-5<br>1-3<br>06/26/03 | 19-9-22-SB-3<br>0-1<br>06/27/03 | 19-9-22-SB-3<br>1-3<br>06/27/03 | 19-9-23-SB-1<br>0-1<br>06/27/03 | 19-9-23-SB-1<br>1-3<br>06/27/03 |
|-------------------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>                          |                                 |                                 |                                 |                                 |                                 |
| Butylbenzylphthalate                                              | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | 0.58                            |
| Chrysene                                                          | 0.30 J [0.34 J]                 | 0.23 J                          | 2.1                             | ND(0.40)                        | 0.35 J                          |
| Diallate                                                          | ND(0.75) [ND(0.75)]             | ND(0.73)                        | ND(0.93)                        | ND(0.80)                        | ND(0.77)                        |
| Di-benzo(a,h)anthracene                                           | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| Dibenzofuran                                                      | ND(0.38) [ND(0.37)]             | ND(0.45)                        | 0.23 J                          | ND(0.40)                        | ND(0.38)                        |
| Diethylphthalate                                                  | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| Dimethylphthalate                                                 | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| Di-n-Butylphthalate                                               | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| Di-n-Octylphthalate                                               | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| Diphenylamine                                                     | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| Ethyl Methanesulfonate                                            | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| Fluoranthene                                                      | 0.53 [0.54]                     | 0.36 J                          | 4.6                             | ND(0.40)                        | 0.66                            |
| Fluorene                                                          | ND(0.38) [ND(0.37)]             | ND(0.45)                        | 0.48                            | ND(0.40)                        | ND(0.38)                        |
| Hexachlorobenzene                                                 | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| Hexachlorobutadiene                                               | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| Hexachlorocyclopentadiene                                         | ND(0.38) J [ND(0.37) J]         | ND(0.45) J                      | ND(0.46) J                      | ND(0.40) J                      | ND(0.38) J                      |
| Hexachloroethane                                                  | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| Hexachlorophene                                                   | ND(0.75) J [ND(0.75) J]         | ND(0.90) J                      | ND(0.93) J                      | ND(0.80) J                      | ND(0.77) J                      |
| Hexachloropropene                                                 | ND(0.38) J [ND(0.37) J]         | ND(0.45) J                      | ND(0.46) J                      | ND(0.40) J                      | ND(0.38) J                      |
| Indeno(1,2,3-cd)pyrene                                            | 0.15 J [0.22 J]                 | ND(0.45)                        | 0.90                            | ND(0.40)                        | 0.19 J                          |
| Isodrin                                                           | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| Isophorone                                                        | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| Isosafrole                                                        | ND(0.75) [ND(0.75)]             | ND(0.73)                        | ND(0.93)                        | ND(0.80)                        | ND(0.77)                        |
| Methapyrilene                                                     | ND(0.75) [ND(0.75)]             | ND(0.73)                        | ND(0.93)                        | ND(0.80)                        | ND(0.77)                        |
| Methyl Methanesulfonate                                           | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| Naphthalene                                                       | ND(0.38) [ND(0.37)]             | ND(0.45)                        | 0.17 J                          | ND(0.40)                        | ND(0.38)                        |
| Nitrobenzene                                                      | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| N-Nitrosodiethylamine                                             | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| N-Nitrosodimethylamine                                            | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| N-Nitroso-di-n-butylamine                                         | ND(0.75) J [ND(0.75) J]         | ND(0.73) J                      | ND(0.93) J                      | ND(0.80) J                      | ND(0.77) J                      |
| N-Nitroso-di-n-propylamine                                        | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| N-Nitrosodiphenylamine                                            | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| N-Nitrosomethylethylamine                                         | ND(0.75) [ND(0.75)]             | ND(0.73)                        | ND(0.93)                        | ND(0.80)                        | ND(0.77)                        |
| N-Nitrosomorpholine                                               | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| N-Nitrosopiperidine                                               | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| N-Nitrosopyrrolidine                                              | ND(0.75) [ND(0.75)]             | ND(0.73)                        | ND(0.93)                        | ND(0.80)                        | ND(0.77)                        |
| o,o,o-Triethylphosphorothioate                                    | ND(0.38) J [ND(0.37) J]         | ND(0.45) J                      | ND(0.46) J                      | ND(0.40) J                      | ND(0.38) J                      |
| o-Toluidine                                                       | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| p-Dimethylaminoazobenzene                                         | ND(0.75) [ND(0.75)]             | ND(0.73)                        | ND(0.93)                        | ND(0.80)                        | ND(0.77)                        |
| Pentachlorobenzene                                                | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| Pentachloroethane                                                 | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| Pentachloronitrobenzene                                           | ND(0.75) J [ND(0.75) J]         | ND(0.73) J                      | ND(0.93) J                      | ND(0.80) J                      | ND(0.77) J                      |
| Pentachlorophenol                                                 | ND(1.9) [ND(1.9)]               | ND(2.2)                         | ND(2.4)                         | ND(2.0)                         | ND(2.0)                         |
| Phenacetin                                                        | ND(0.75) [ND(0.75)]             | ND(0.73)                        | ND(0.93)                        | ND(0.80)                        | ND(0.77)                        |
| Phenanthrene                                                      | 0.19 J [0.16 J]                 | 0.24 J                          | 3.3                             | ND(0.40)                        | 0.25 J                          |
| Phenol                                                            | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | 0.44                            | ND(0.38)                        |
| Pronamide                                                         | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| Pyrene                                                            | 0.41 [0.45]                     | 0.32 J                          | 3.8                             | 0.098 J                         | 0.61                            |
| Pyridine                                                          | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |
| Safrole                                                           | ND(0.38) J [ND(0.37) J]         | ND(0.45) J                      | ND(0.46) J                      | ND(0.40) J                      | ND(0.38) J                      |
| Thionazin                                                         | ND(0.38) [ND(0.37)]             | ND(0.45)                        | ND(0.46)                        | ND(0.40)                        | ND(0.38)                        |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-21-SB-5<br>1-3<br>06/26/03 | 19-9-22-SB-3<br>0-1<br>06/27/03 | 19-9-22-SB-3<br>1-3<br>06/27/03 | 19-9-23-SB-1<br>0-1<br>06/27/03 | 19-9-23-SB-1<br>1-3<br>06/27/03 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Furans</b>                                        |                                 |                                 |                                 |                                 |                                 |
| 2,3,7,8-TCDF                                         | ND(0.0000024) [ND(0.0000031)]   | ND(0.0000039)                   | ND(0.0000033)                   | ND(0.0000041)                   | ND(0.0000030)                   |
| TCDFs (total)                                        | 0.000023 [0.000022]             | ND(0.0000039)                   | 0.000016 J                      | 0.00086 J                       | ND(0.0000030)                   |
| 1,2,3,7,8-PeCDF                                      | ND(0.0000042) [ND(0.0000052)]   | ND(0.0000057)                   | ND(0.0000054)                   | ND(0.0000071)                   | ND(0.0000044)                   |
| 2,3,4,7,8-PeCDF                                      | ND(0.0000044) [ND(0.0000055)]   | ND(0.0000060)                   | ND(0.0000057)                   | ND(0.0000074)                   | ND(0.0000046)                   |
| PeCDFs (total)                                       | ND(0.0000042) [ND(0.0000052)]   | ND(0.0000057)                   | 0.000058 J                      | 0.00079 J                       | 0.000061 J                      |
| 1,2,3,4,7,8-HxCDF                                    | ND(0.0000038) [ND(0.0000045)]   | ND(0.0000049) J                 | 0.000018 IJ                     | ND(0.0000048)                   | ND(0.0000033)                   |
| 1,2,3,6,7,8-HxCDF                                    | 0.000070 I [0.000089 I]         | 0.00013 IJ                      | 0.000018 IJ                     | 0.000056 IJ                     | 0.000051 IJ                     |
| 1,2,3,7,8,9-HxCDF                                    | ND(0.0000052) [ND(0.0000061)]   | ND(0.0000066) J                 | ND(0.0000063) J                 | ND(0.0000066) J                 | ND(0.0000045) J                 |
| 2,3,4,6,7,8-HxCDF                                    | 0.0000046 J [0.00015 IJ]        | 0.00025 IJ                      | ND(0.0000056) J                 | ND(0.0000059) J                 | ND(0.0000040) J                 |
| HxCDFs (total)                                       | 0.00015 J [0.00039 J]           | 0.00050 J                       | 0.000060 J                      | 0.00051 J                       | 0.00016 J                       |
| 1,2,3,4,6,7,8-HpCDF                                  | 0.000021 [0.000032]             | 0.000021 J                      | ND(0.000018) X                  | 0.000039 J                      | 0.000041 J                      |
| 1,2,3,4,7,8,9-HpCDF                                  | ND(0.0000052) [0.000012 J]      | ND(0.0000049)                   | ND(0.0000049)                   | ND(0.0000054)                   | 0.0000089 J                     |
| HpCDFs (total)                                       | 0.000078 [0.000078]             | 0.000021 J                      | 0.000021 J                      | 0.00020 J                       | 0.00011 J                       |
| OCDF                                                 | 0.000052 J [0.00025 J]          | 0.000042 J                      | 0.000086 J                      | 0.00015 J                       | 0.00014 J                       |
| <b>Dioxins</b>                                       |                                 |                                 |                                 |                                 |                                 |
| 2,3,7,8-TCDD                                         | ND(0.0000041) [ND(0.0000054)]   | ND(0.0000060)                   | ND(0.0000038)                   | ND(0.0000058)                   | ND(0.0000036)                   |
| TCDDs (total)                                        | ND(0.0000041) [ND(0.0000054)]   | ND(0.0000060)                   | ND(0.0000038)                   | ND(0.0000058)                   | ND(0.0000036)                   |
| 1,2,3,7,8-PeCDD                                      | ND(0.0000075) [ND(0.0000079)]   | ND(0.0000085)                   | ND(0.0000068)                   | ND(0.0000091)                   | ND(0.0000051)                   |
| PeCDDs (total)                                       | ND(0.0000075) [ND(0.0000079)]   | ND(0.0000085)                   | ND(0.0000068)                   | ND(0.0000091)                   | ND(0.0000051)                   |
| 1,2,3,4,7,8-HxCDD                                    | ND(0.0000065) [ND(0.0000080)]   | ND(0.0000076)                   | ND(0.0000068)                   | ND(0.0000074)                   | ND(0.0000050)                   |
| 1,2,3,6,7,8-HxCDD                                    | ND(0.0000051) [ND(0.0000063)]   | ND(0.0000060) J                 | ND(0.0000054)                   | 0.0000088 J                     | 0.0000083 J                     |
| 1,2,3,7,8,9-HxCDD                                    | ND(0.0000054) [ND(0.0000066)]   | ND(0.0000063)                   | ND(0.0000056)                   | ND(0.0000062)                   | ND(0.0000042)                   |
| HxCDDs (total)                                       | ND(0.0000051) [ND(0.0000063)]   | ND(0.0000060)                   | ND(0.0000054)                   | 0.000034 J                      | 0.000037 J                      |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.000027 [0.000022]             | ND(0.000011) X                  | 0.000017 J                      | 0.00010 J                       | 0.000082 J                      |
| HpCDDs (total)                                       | 0.000070 [0.000056]             | 0.000024 J                      | 0.000034 J                      | 0.00010 J                       | 0.00014 J                       |
| OCDD                                                 | 0.00017 [0.00013]               | 0.000086 J                      | 0.00014 J                       | 0.00093 J                       | 0.00059 J                       |
| Total TEQs (WHO TEFs)                                | 0.000016 [0.000034]             | 0.000049                        | 0.000012                        | 0.000019                        | 0.000014                        |
| <b>Inorganics</b>                                    |                                 |                                 |                                 |                                 |                                 |
| Antimony                                             | 1.00 B [0.950 B]                | 0.780 B                         | ND(6.00)                        | ND(6.00)                        | ND(6.00)                        |
| Arsenic                                              | 3.60 [4.60]                     | 6.60                            | 8.00                            | 6.70                            | 6.40                            |
| Barium                                               | 74.0 [68.0]                     | 67.0                            | 100                             | 46.0                            | 43.0                            |
| Beryllium                                            | ND(0.500) [ND(0.500)]           | ND(0.500)                       | 0.510                           | ND(0.500)                       | ND(0.500)                       |
| Cadmium                                              | 1.40 [1.70]                     | 1.00                            | 0.800                           | 0.870                           | 0.770                           |
| Chromium                                             | 6.30 J [12.0 J]                 | 5.90                            | 7.20                            | 8.00                            | 8.50                            |
| Cobalt                                               | ND(5.00) [ND(5.00)]             | 8.40                            | 5.90                            | 8.10                            | 8.70                            |
| Copper                                               | 19.0 J [32.0 J]                 | 50.0                            | 31.0                            | 29.0                            | 31.0                            |
| Cyanide                                              | 0.160 [0.130 B]                 | 0.0850 B                        | 0.120 B                         | 0.180                           | 0.0990 B                        |
| Lead                                                 | 160 J [1600 J]                  | 87.0                            | 320                             | 73.0                            | 66.0                            |
| Mercury                                              | 0.160 [0.140]                   | 0.110                           | 0.220                           | 0.150                           | 0.170                           |
| Nickel                                               | 9.90 J [24.0 J]                 | 14.0                            | 11.0                            | 14.0                            | 16.0                            |
| Selenium                                             | ND(1.00) J [ND(1.00) J]         | ND(1.00) J                      | ND(1.00) J                      | ND(1.00) J                      | ND(1.00) J                      |
| Silver                                               | ND(1.00) [ND(1.00)]             | ND(1.00)                        | 0.300 B                         | ND(1.00)                        | ND(1.00)                        |
| Sulfide                                              | 16.0 [18.0]                     | 16.0                            | 16.0                            | 7.70                            | ND(5.80)                        |
| Thallium                                             | ND(1.10) [ND(1.10)]             | 1.40 J                          | ND(1.40) J                      | ND(1.20) J                      | ND(1.20) J                      |
| Tin                                                  | ND(10.0) [ND(10.0)]             | ND(10.0)                        | ND(10.0)                        | ND(10.0)                        | ND(10.0)                        |
| Vanadium                                             | 6.80 [7.60]                     | 5.80                            | 13.0                            | 9.40                            | 8.50                            |
| Zinc                                                 | 290 J [960 J]                   | 74.0                            | 180                             | 96.0                            | 85.0                            |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
 (Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-23-SB-3<br>0-1<br>06/27/03 | 19-9-23-SB-3<br>1-3<br>06/27/03 | 19-9-24-SB-1<br>0-1<br>07/01/03 | 19-9-24-SB-1<br>1-3<br>07/01/03 | 19-9-24-SB-2<br>0-1<br>07/01/03 | 19-9-24-SB-2<br>3-5<br>07/01/03 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Volatile Organics</b>                             |                                 |                                 |                                 |                                 |                                 |                                 |
| 1,1,1,2-Tetrachloroethane                            | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| 1,1,1-Trichloroethane                                | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| 1,1,2,2-Tetrachloroethane                            | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| 1,1,2-Trichloroethane                                | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| 1,1-Dichloroethane                                   | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| 1,1-Dichloroethene                                   | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| 1,2,3-Trichloropropane                               | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| 1,2-Dibromo-3-chloropropane                          | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| 1,2-Dibromoethane                                    | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| 1,2-Dichloroethane                                   | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| 1,2-Dichloropropane                                  | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| 1,4-Dioxane                                          | ND(0.10) J                      | ND(0.11) J                      | ND(0.14) J                      | ND(0.13) J                      | ND(0.12) J                      | ND(0.13) J                      |
| 2-Butanone                                           | ND(0.010)                       | ND(0.011)                       | ND(0.014)                       | ND(0.013)                       | ND(0.012)                       | ND(0.013)                       |
| 2-Chloro-1,3-butadiene                               | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| 2-Chloroethylvinylether                              | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| 2-Hexanone                                           | ND(0.010)                       | ND(0.011)                       | ND(0.014)                       | ND(0.013)                       | ND(0.012)                       | ND(0.013)                       |
| 3-Chloropropene                                      | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| 4-Methyl-2-pentanone                                 | ND(0.010)                       | ND(0.011)                       | ND(0.014)                       | ND(0.013)                       | ND(0.012)                       | ND(0.013)                       |
| Acetone                                              | ND(0.021)                       | ND(0.022)                       | ND(0.028)                       | ND(0.026)                       | ND(0.025)                       | ND(0.025)                       |
| Acetonitrile                                         | ND(0.10) J                      | ND(0.11) J                      | ND(0.14) J                      | ND(0.13) J                      | ND(0.12) J                      | ND(0.13) J                      |
| Acrolein                                             | ND(0.10) J                      | ND(0.11) J                      | ND(0.14) J                      | ND(0.13) J                      | ND(0.12) J                      | ND(0.13) J                      |
| Acrylonitrile                                        | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070) J                    | ND(0.0066) J                    | ND(0.0062) J                    | ND(0.0063) J                    |
| Benzene                                              | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| Bromodichloromethane                                 | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| Bromoform                                            | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| Bromomethane                                         | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| Carbon Disulfide                                     | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070) J                    | ND(0.0066) J                    | ND(0.0062) J                    | ND(0.0063) J                    |
| Carbon Tetrachloride                                 | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| Chlorobenzene                                        | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| Chloroethane                                         | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| Chloroform                                           | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| Chloromethane                                        | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| cis-1,3-Dichloropropene                              | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| Dibromochloromethane                                 | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| Dibromomethane                                       | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| Dichlorodifluoromethane                              | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| Ethyl Methacrylate                                   | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| Ethylbenzene                                         | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| Iodomethane                                          | ND(0.0052) J                    | ND(0.0056) J                    | ND(0.0070) J                    | ND(0.0066) J                    | ND(0.0062) J                    | ND(0.0063) J                    |
| Isobutanol                                           | ND(0.10) J                      | ND(0.11) J                      | ND(0.14) J                      | ND(0.13) J                      | ND(0.12) J                      | ND(0.13) J                      |
| Methacrylonitrile                                    | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| Methyl Methacrylate                                  | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| Methylene Chloride                                   | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| Propionitrile                                        | ND(0.010)                       | ND(0.011)                       | ND(0.014)                       | ND(0.013)                       | ND(0.012)                       | ND(0.013)                       |
| Styrene                                              | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| Tetrachloroethene                                    | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| Toluene                                              | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| trans-1,2-Dichloroethene                             | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| trans-1,3-Dichloropropene                            | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| trans-1,4-Dichloro-2-butene                          | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| Trichloroethene                                      | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| Trichlorofluoromethane                               | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| Vinyl Acetate                                        | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| Vinyl Chloride                                       | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| Xylenes (total)                                      | ND(0.0052)                      | ND(0.0056)                      | ND(0.0070)                      | ND(0.0066)                      | ND(0.0062)                      | ND(0.0063)                      |
| <b>Semivolatile Organics</b>                         |                                 |                                 |                                 |                                 |                                 |                                 |
| 1,2,4,5-Tetrachlorobenzene                           | ND(0.35) J                      | ND(0.44) J                      | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| 1,2,4-Trichlorobenzene                               | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| 1,2-Dichlorobenzene                                  | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| 1,2-Diphenylhydrazine                                | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-23-SB-3<br>0-1<br>06/27/03 | 19-9-23-SB-3<br>1-3<br>06/27/03 | 19-9-24-SB-1<br>0-1<br>07/01/03 | 19-9-24-SB-1<br>1-3<br>07/01/03 | 19-9-24-SB-2<br>0-1<br>07/01/03 | 19-9-24-SB-2<br>3-5<br>07/01/03 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                 |                                 |                                 |                                 |                                 |                                 |
| 1,3,5-Trinitrobenzene                                | ND(0.35) J                      | ND(0.44) J                      | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| 1,3-Dichlorobenzene                                  | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| 1,3-Dinitrobenzene                                   | ND(0.70)                        | ND(0.75)                        | ND(0.94)                        | ND(0.88)                        | ND(0.83)                        | ND(0.85)                        |
| 1,4-Dichlorobenzene                                  | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| 1,4-Naphthoquinone                                   | ND(0.70)                        | ND(0.75)                        | ND(0.94)                        | ND(0.88)                        | ND(0.83)                        | ND(0.85)                        |
| 1-Naphthylamine                                      | ND(0.70)                        | ND(0.75)                        | ND(0.94)                        | ND(0.88)                        | ND(0.83)                        | ND(0.85)                        |
| 2,3,4,6-Tetrachlorophenol                            | ND(0.35) J                      | ND(0.44) J                      | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| 2,4,5-Trichlorophenol                                | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| 2,4,6-Trichlorophenol                                | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| 2,4-Dichlorophenol                                   | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| 2,4-Dimethylphenol                                   | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| 2,4-Dinitrophenol                                    | ND(1.8) J                       | ND(2.2) J                       | ND(3.0) J                       | ND(2.2) J                       | ND(2.1) J                       | ND(2.2) J                       |
| 2,4-Dinitrotoluene                                   | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| 2,6-Dichlorophenol                                   | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| 2,6-Dinitrotoluene                                   | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| 2-Acetylaminofluorene                                | ND(0.70)                        | ND(0.75)                        | ND(0.94)                        | ND(0.88)                        | ND(0.83)                        | ND(0.85)                        |
| 2-Chloronaphthalene                                  | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| 2-Chlorophenol                                       | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| 2-Methylnaphthalene                                  | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| 2-Methylphenol                                       | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| 2-Naphthylamine                                      | ND(0.70)                        | ND(0.75)                        | ND(0.94)                        | ND(0.88)                        | ND(0.83)                        | ND(0.85)                        |
| 2-Nitroaniline                                       | ND(1.8)                         | ND(2.2)                         | ND(3.0)                         | ND(2.2)                         | ND(2.1)                         | ND(2.2)                         |
| 2-Nitrophenol                                        | ND(0.70)                        | ND(0.75)                        | ND(0.94)                        | ND(0.88)                        | ND(0.83)                        | ND(0.85)                        |
| 2-Picoline                                           | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| 3&4-Methylphenol                                     | ND(0.70)                        | ND(0.75)                        | ND(0.94)                        | ND(0.88)                        | ND(0.83)                        | ND(0.85)                        |
| 3,3'-Dichlorobenzidine                               | ND(0.70) J                      | ND(0.88) J                      | ND(1.2)                         | ND(0.88)                        | ND(0.83)                        | ND(0.85)                        |
| 3,3'-Dimethylbenzidine                               | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| 3-Methylcholanthrene                                 | ND(0.70)                        | ND(0.75)                        | ND(0.94)                        | ND(0.88)                        | ND(0.83)                        | ND(0.85)                        |
| 3-Nitroaniline                                       | ND(1.8)                         | ND(2.2)                         | ND(3.0)                         | ND(2.2)                         | ND(2.1)                         | ND(2.2)                         |
| 4,6-Dinitro-2-methylphenol                           | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| 4-Aminobiphenyl                                      | ND(0.70)                        | ND(0.75)                        | ND(0.94)                        | ND(0.88)                        | ND(0.83)                        | ND(0.85)                        |
| 4-Bromophenyl-phenylether                            | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| 4-Chloro-3-Methylphenol                              | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| 4-Chloroaniline                                      | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| 4-Chlorobenzilate                                    | ND(0.70)                        | ND(0.75)                        | ND(0.94)                        | ND(0.88)                        | ND(0.83)                        | ND(0.85)                        |
| 4-Chlorophenyl-phenylether                           | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| 4-Nitroaniline                                       | ND(1.8) J                       | ND(1.9) J                       | ND(2.4)                         | ND(2.2)                         | ND(2.1)                         | ND(2.2)                         |
| 4-Nitrophenol                                        | ND(1.8) J                       | ND(2.2) J                       | ND(3.0) J                       | ND(2.2) J                       | ND(2.1) J                       | ND(2.2) J                       |
| 4-Nitroquinoline-1-oxide                             | ND(0.70)                        | ND(0.75)                        | ND(0.94)                        | ND(0.88)                        | ND(0.83)                        | ND(0.85)                        |
| 4-Phenylenediamine                                   | ND(0.70)                        | ND(0.75)                        | ND(0.94)                        | ND(0.88)                        | ND(0.83)                        | ND(0.85)                        |
| 5-Nitro-o-toluidine                                  | ND(0.70)                        | ND(0.75)                        | ND(0.94)                        | ND(0.88)                        | ND(0.83)                        | ND(0.85)                        |
| 7,12-Dimethylbenz(a)anthracene                       | ND(0.70)                        | ND(0.75)                        | ND(0.94)                        | ND(0.88)                        | ND(0.83)                        | ND(0.85)                        |
| a,a'-Dimethylphenethylamine                          | ND(0.70)                        | ND(0.75)                        | ND(0.94)                        | ND(0.88)                        | ND(0.83)                        | ND(0.85)                        |
| Acenaphthene                                         | ND(0.35)                        | 0.13 J                          | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| Acenaphthylene                                       | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| Acetophenone                                         | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| Aniline                                              | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| Anthracene                                           | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| Aramite                                              | ND(0.70)                        | ND(0.75)                        | ND(0.94)                        | ND(0.88)                        | ND(0.83)                        | ND(0.85)                        |
| Benzidine                                            | ND(0.70) J                      | ND(0.88) J                      | ND(1.2)                         | ND(0.88)                        | ND(0.83)                        | ND(0.85)                        |
| Benzo(a)anthracene                                   | 0.085 J                         | ND(0.44)                        | 0.26 J                          | ND(0.44)                        | 0.20 J                          | 0.11 J                          |
| Benzo(a)pyrene                                       | 0.11 J                          | ND(0.44)                        | 0.31 J                          | ND(0.44)                        | 0.20 J                          | 0.13 J                          |
| Benzo(b)fluoranthene                                 | 0.090 J                         | ND(0.44)                        | 0.21 J                          | ND(0.44)                        | 0.12 J                          | 0.12 J                          |
| Benzo(g,h,i)perylene                                 | 0.088 J                         | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | 0.15 J                          | ND(0.42)                        |
| Benzo(k)fluoranthene                                 | 0.10 J                          | ND(0.44)                        | 0.25 J                          | ND(0.44)                        | 0.17 J                          | 0.10 J                          |
| Benzyl Alcohol                                       | ND(0.70)                        | ND(0.88)                        | ND(1.2)                         | ND(0.88)                        | ND(0.83)                        | ND(0.85)                        |
| bis(2-Chloroethoxy)methane                           | ND(0.35) J                      | ND(0.44) J                      | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| bis(2-Chloroethyl)ether                              | ND(0.35)                        | ND(0.44)                        | ND(0.60) J                      | ND(0.44) J                      | ND(0.41) J                      | ND(0.42) J                      |
| bis(2-Chloroisopropyl)ether                          | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| bis(2-Ethylhexyl)phthalate                           | ND(0.34)                        | ND(0.37)                        | ND(0.46)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
 (Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-23-SB-3<br>0-1<br>06/27/03 | 19-9-23-SB-3<br>1-3<br>06/27/03 | 19-9-24-SB-1<br>0-1<br>07/01/03 | 19-9-24-SB-1<br>1-3<br>07/01/03 | 19-9-24-SB-2<br>0-1<br>07/01/03 | 19-9-24-SB-2<br>3-5<br>07/01/03 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatle Organics (continued)</b>              |                                 |                                 |                                 |                                 |                                 |                                 |
| Butylbenzylphthalate                                 | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| Chrysene                                             | 0.12 J                          | ND(0.44)                        | 0.35 J                          | ND(0.44)                        | 0.26 J                          | 0.12 J                          |
| Diallate                                             | ND(0.70)                        | ND(0.75)                        | ND(0.94)                        | ND(0.88)                        | ND(0.83)                        | ND(0.85)                        |
| Dibenzo(a,h)anthracene                               | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| Dibenzofuran                                         | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| Diethylphthalate                                     | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| Dimethylphthalate                                    | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| Di-n-Butylphthalate                                  | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| Di-n-Octylphthalate                                  | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| Diphenylamine                                        | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| Ethyl Methanesulfonate                               | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| Fluoranthene                                         | 0.16 J                          | 0.12 J                          | 0.64                            | ND(0.44)                        | 0.33 J                          | 0.22 J                          |
| Fluorene                                             | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| Hexachlorobenzene                                    | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| Hexachlorobutadiene                                  | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| Hexachlorocyclopentadiene                            | ND(0.35) J                      | ND(0.44) J                      | ND(0.60) J                      | ND(0.44) J                      | ND(0.41) J                      | ND(0.42) J                      |
| Hexachloroethane                                     | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| Hexachlorophene                                      | ND(0.70) J                      | ND(0.88) J                      | ND(1.2) J                       | ND(0.88) J                      | ND(0.83) J                      | ND(0.85) J                      |
| Hexachloropropene                                    | ND(0.35) J                      | ND(0.44) J                      | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| Indeno(1,2,3-cd)pyrene                               | ND(0.35)                        | ND(0.44)                        | 0.21 J                          | ND(0.44)                        | 0.13 J                          | ND(0.42)                        |
| Isodrin                                              | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| Isophorone                                           | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| Isosafrole                                           | ND(0.70)                        | ND(0.75)                        | ND(0.94)                        | ND(0.88)                        | ND(0.83)                        | ND(0.85)                        |
| Methapyrilene                                        | ND(0.70)                        | ND(0.75)                        | ND(0.94)                        | ND(0.88)                        | ND(0.83)                        | ND(0.85)                        |
| Methyl Methanesulfonate                              | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| Naphthalene                                          | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| Nitrobenzene                                         | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| N-Nitrosodiethylamine                                | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| N-Nitrosodimethylamine                               | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| N-Nitroso-di-n-butylamine                            | ND(0.70) J                      | ND(0.75) J                      | ND(0.94)                        | ND(0.88)                        | ND(0.83)                        | ND(0.85)                        |
| N-Nitroso-di-n-propylamine                           | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| N-Nitrosodiphenylamine                               | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| N-Nitrosomethylethylamine                            | ND(0.70)                        | ND(0.75)                        | ND(0.94)                        | ND(0.88)                        | ND(0.83)                        | ND(0.85)                        |
| N-Nitrosomorpholine                                  | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| N-Nitrosopiperidine                                  | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| N-Nitrosopyrrolidine                                 | ND(0.70)                        | ND(0.75)                        | ND(0.94)                        | ND(0.88)                        | ND(0.83)                        | ND(0.85)                        |
| o,o,o-Triethylphosphorothioate                       | ND(0.35) J                      | ND(0.44) J                      | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| o-Toluidine                                          | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| p-Dimethylaminoazobenzene                            | ND(0.70)                        | ND(0.75)                        | ND(0.94)                        | ND(0.88)                        | ND(0.83)                        | ND(0.85)                        |
| Pentachlorobenzene                                   | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| Pentachloroethane                                    | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| Pentachloronitrobenzene                              | ND(0.70) J                      | ND(0.75) J                      | ND(0.94) J                      | ND(0.88) J                      | ND(0.83) J                      | ND(0.85) J                      |
| Pentachlorophenol                                    | ND(1.8)                         | ND(2.2)                         | ND(3.0)                         | ND(2.2)                         | ND(2.1)                         | ND(2.2)                         |
| Phenacetin                                           | ND(0.70)                        | ND(0.75)                        | ND(0.94)                        | ND(0.88)                        | ND(0.83)                        | ND(0.85)                        |
| Phenanthrene                                         | ND(0.35)                        | ND(0.44)                        | 0.34 J                          | ND(0.44)                        | 0.19 J                          | 0.13 J                          |
| Phenol                                               | 0.081 J                         | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| Pronamide                                            | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| Pyrene                                               | 0.18 J                          | 0.11 J                          | 0.61                            | 0.16 J                          | 0.34 J                          | 0.23 J                          |
| Pyridine                                             | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |
| Safrole                                              | ND(0.35) J                      | ND(0.44) J                      | ND(0.60) J                      | ND(0.44) J                      | ND(0.41) J                      | ND(0.42) J                      |
| Thionazin                                            | ND(0.35)                        | ND(0.44)                        | ND(0.60)                        | ND(0.44)                        | ND(0.41)                        | ND(0.42)                        |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-23-SB-3<br>0-1<br>06/27/03 | 19-9-23-SB-3<br>1-3<br>06/27/03 | 19-9-24-SB-1<br>0-1<br>07/01/03 | 19-9-24-SB-1<br>1-3<br>07/01/03 | 19-9-24-SB-2<br>0-1<br>07/01/03 | 19-9-24-SB-2<br>3-5<br>07/01/03 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Furans</b>                                        |                                 |                                 |                                 |                                 |                                 |                                 |
| 2,3,7,8-TCDF                                         | ND(0.000043)                    | ND(0.000029)                    | 0.000079 YI                     | 0.000086 YI                     | 0.000012 Y                      | ND(0.000029) Y                  |
| TCDFs (total)                                        | ND(0.000043)                    | ND(0.000029)                    | 0.000020                        | 0.000020                        | 0.00010                         | 0.000020                        |
| 1,2,3,7,8-PeCDF                                      | ND(0.000058)                    | ND(0.000051)                    | 0.000074                        | ND(0.000014)                    | ND(0.000021) X                  | 0.000029                        |
| 2,3,4,7,8-PeCDF                                      | ND(0.000061)                    | ND(0.000053)                    | ND(0.000052) X                  | ND(0.000053) X                  | 0.000099                        | ND(0.000010)                    |
| PeCDFs (total)                                       | 0.000030 J                      | 0.000031                        | 0.000047                        | 0.000066                        | 0.000022                        | 0.000036                        |
| 1,2,3,4,7,8-HxCDF                                    | 0.000087                        | ND(0.000034)                    | 0.000056 I                      | 0.000040 I                      | 0.00012 I                       | 0.000035 I                      |
| 1,2,3,6,7,8-HxCDF                                    | 0.000028 IJ                     | 0.000037 IJ                     | 0.000059                        | ND(0.000068) X                  | 0.000021                        | ND(0.000010)                    |
| 1,2,3,7,8,9-HxCDF                                    | ND(0.000058) J                  | ND(0.000047) J                  | ND(0.000014)                    | ND(0.000012)                    | ND(0.000026)                    | ND(0.000013)                    |
| 2,3,4,6,7,8-HxCDF                                    | ND(0.000052) J                  | ND(0.000042) J                  | 0.000026                        | 0.000028                        | 0.000010                        | 0.000033                        |
| HxCDFs (total)                                       | 0.000078 J                      | 0.000085 J                      | 0.00012                         | 0.000095                        | 0.00026                         | 0.000084                        |
| 1,2,3,4,6,7,8-HpCDF                                  | 0.000066 J                      | 0.000014 J                      | 0.000039                        | 0.000039                        | 0.00017                         | 0.000017                        |
| 1,2,3,4,7,8,9-HpCDF                                  | 0.000023 J                      | ND(0.000044) J                  | ND(0.000099) X                  | 0.000067                        | 0.000055                        | ND(0.000019)                    |
| HpCDFs (total)                                       | 0.00014 J                       | 0.000031 J                      | 0.000039                        | 0.000045                        | 0.00032                         | 0.000017                        |
| OCDF                                                 | 0.00042 J                       | 0.000053 J                      | 0.00015                         | 0.00010                         | 0.00099                         | 0.000073                        |
| <b>Dioxins</b>                                       |                                 |                                 |                                 |                                 |                                 |                                 |
| 2,3,7,8-TCDD                                         | ND(0.000050)                    | ND(0.000038)                    | ND(0.0000086)                   | ND(0.000010)                    | ND(0.0000101) J                 | ND(0.0000084) J                 |
| TCDDs (total)                                        | ND(0.000050)                    | ND(0.000038)                    | ND(0.0000086)                   | ND(0.000010)                    | ND(0.000010)                    | ND(0.0000084)                   |
| 1,2,3,7,8-PeCDD                                      | ND(0.000083)                    | ND(0.000066)                    | ND(0.000024)                    | ND(0.000025)                    | ND(0.000032)                    | ND(0.000021)                    |
| PeCDDs (total)                                       | ND(0.000083)                    | ND(0.000066)                    | ND(0.000024)                    | ND(0.000025)                    | ND(0.000032)                    | ND(0.000021)                    |
| 1,2,3,4,7,8-HxCDD                                    | ND(0.000068)                    | ND(0.000055)                    | ND(0.000021)                    | ND(0.000019)                    | ND(0.000033)                    | ND(0.000020)                    |
| 1,2,3,6,7,8-HxCDD                                    | ND(0.000054)                    | ND(0.000044)                    | ND(0.000019)                    | ND(0.000017)                    | ND(0.000030)                    | ND(0.000018)                    |
| 1,2,3,7,8,9-HxCDD                                    | ND(0.000056)                    | ND(0.000046)                    | ND(0.000019)                    | ND(0.000017)                    | ND(0.000011) X                  | ND(0.000018)                    |
| HxCDDs (total)                                       | ND(0.000054)                    | ND(0.000044)                    | ND(0.000019)                    | ND(0.000017)                    | ND(0.000030)                    | ND(0.000018)                    |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.000076 J                      | 0.000030 J                      | 0.000070                        | 0.00012                         | 0.00045                         | 0.000011                        |
| HpCDDs (total)                                       | 0.00014 J                       | 0.000056 J                      | 0.00016                         | 0.00023                         | 0.00045                         | 0.000019                        |
| OCDD                                                 | 0.00071 J                       | 0.00024 J                       | 0.00049                         | 0.00078                         | 0.00035                         | 0.000098                        |
| Total TEQs (WHO TEFs)                                | 0.000015                        | 0.000012                        | 0.000012                        | 0.000011                        | 0.000028                        | 0.000065                        |
| <b>Inorganics</b>                                    |                                 |                                 |                                 |                                 |                                 |                                 |
| Antimony                                             | ND(6.00)                        | ND(6.00)                        | ND(6.00)                        | ND(6.00)                        | ND(6.00)                        | ND(6.00)                        |
| Arsenic                                              | 5.00                            | 11.0                            | 6.30                            | 7.30                            | 6.80                            | 4.40                            |
| Barium                                               | 35.0                            | 62.0                            | 58.0                            | 76.0                            | 110                             | 40.0                            |
| Beryllium                                            | ND(0.500)                       | ND(0.500)                       | 0.280 B                         | 0.300 B                         | 0.330 B                         | 0.260 B                         |
| Cadmium                                              | 0.560                           | 2.60                            | 0.330 B                         | 0.350 B                         | 0.470 B                         | ND(0.500)                       |
| Chromium                                             | 5.60                            | 9.40                            | 7.90                            | 9.70                            | 9.60                            | 8.30                            |
| Cobalt                                               | 5.10                            | 9.40                            | 8.60                            | 6.20                            | 6.60                            | 8.80                            |
| Copper                                               | 22.0                            | 36.0                            | 39.0                            | 100                             | 34.0                            | 23.0                            |
| Cyanide                                              | 0.0740 B                        | 0.110 B                         | 0.460                           | 0.120 B                         | 0.220                           | 0.0590 B                        |
| Lead                                                 | 47.0                            | 98.0                            | 120                             | 220                             | 360                             | 51.0                            |
| Mercury                                              | 0.360                           | 0.170                           | 0.240                           | 0.670                           | 0.320                           | 0.140                           |
| Nickel                                               | 10.0                            | 16.0                            | 13.0                            | 12.0                            | 11.0                            | 13.0                            |
| Selenium                                             | ND(1.00) J                      | ND(1.00) J                      | ND(1.00) J                      | ND(1.00) J                      | ND(1.00) J                      | ND(1.00) J                      |
| Silver                                               | ND(1.00)                        | 0.190 B                         | ND(1.00)                        | 0.150 B                         | 0.200 B                         | 0.140 B                         |
| Sulfide                                              | 6.70                            | 7.20                            | 9.00                            | 290                             | ND(6.20)                        | 63.0                            |
| Thallium                                             | ND(1.00) J                      | ND(1.10) J                      | ND(1.40)                        | ND(1.30)                        | ND(1.20)                        | ND(1.30)                        |
| Tin                                                  | ND(10.0)                        | ND(10.0)                        | ND(12.0)                        | 30.0                            | ND(10.0)                        | ND(10.0)                        |
| Vanadium                                             | 5.20                            | 11.0                            | 8.50                            | 12.0                            | 10.0                            | 7.60                            |
| Zinc                                                 | 86.0                            | 510                             | 160                             | 240                             | 140                             | 88.0                            |



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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-25-SB-5<br>0-1<br>07/03/03 | 19-9-25-SB-5<br>1-3<br>07/03/03 | 19-9-25-SB-6<br>0-1<br>07/03/03 | 19-9-25-SB-6<br>1-3<br>07/03/03 | 19-9-30-SB-5<br>0-1<br>07/07/03 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Volatile Organics</b>                             |                                 |                                 |                                 |                                 |                                 |
| 1,1,1,2-Tetrachloroethane                            | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| 1,1,1-Trichloroethane                                | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| 1,1,2,2-Tetrachloroethane                            | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| 1,1,2-Trichloroethane                                | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| 1,1-Dichloroethane                                   | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| 1,1-Dichloroethene                                   | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| 1,2,3-Trichloropropane                               | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| 1,2-Dibromo-3-chloropropane                          | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| 1,2-Dibromoethane                                    | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| 1,2-Dichloroethane                                   | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| 1,2-Dichloropropane                                  | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| 1,4-Dioxane                                          | ND(0.13) J                      | ND(0.12) J                      | ND(0.10) J                      | ND(0.10) J [ND(0.10) J]         | ND(0.10) J                      |
| 2-Butanone                                           | ND(0.013)                       | ND(0.012)                       | ND(0.010)                       | ND(0.010) [ND(0.010)]           | ND(0.010)                       |
| 2-Chloro-1,3-butadiene                               | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| 2-Chloroethylvinylether                              | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| 2-Hexanone                                           | ND(0.013)                       | ND(0.012)                       | ND(0.010)                       | ND(0.010) [ND(0.010)]           | ND(0.010)                       |
| 3-Chloropropene                                      | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| 4-Methyl-2-pentanone                                 | ND(0.013)                       | ND(0.012)                       | ND(0.010)                       | ND(0.010) [ND(0.010)]           | ND(0.010)                       |
| Acetone                                              | ND(0.025)                       | ND(0.025)                       | ND(0.021)                       | ND(0.021) [ND(0.021)]           | 0.019 J                         |
| Acetonitrile                                         | ND(0.13) J                      | ND(0.12) J                      | ND(0.10) J                      | ND(0.10) J [ND(0.10) J]         | ND(0.10) J                      |
| Acrolein                                             | ND(0.13) J                      | ND(0.12) J                      | ND(0.10) J                      | ND(0.10) J [ND(0.10) J]         | ND(0.10) J                      |
| Acrylonitrile                                        | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| Benzene                                              | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| Bromodichloromethane                                 | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| Bromoform                                            | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| Bromomethane                                         | ND(0.0063) J                    | ND(0.0062) J                    | ND(0.0052) J                    | ND(0.0053) J [ND(0.0053) J]     | ND(0.0052)                      |
| Carbon Disulfide                                     | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| Carbon Tetrachloride                                 | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| Chlorobenzene                                        | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| Chloroethane                                         | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| Chloroform                                           | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| Chloromethane                                        | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| cis-1,3-Dichloropropene                              | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| Dibromochloromethane                                 | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| Dibromomethane                                       | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| Dichlorodifluoromethane                              | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| Ethyl Methacrylate                                   | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| Ethylbenzene                                         | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| Iodomethane                                          | ND(0.0063) J                    | ND(0.0062) J                    | ND(0.0052) J                    | ND(0.0053) J [ND(0.0053) J]     | ND(0.0052) J                    |
| Isobutanol                                           | ND(0.13) J                      | ND(0.12) J                      | ND(0.10) J                      | ND(0.10) J [ND(0.10) J]         | ND(0.10) J                      |
| Methacrylonitrile                                    | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| Methyl Methacrylate                                  | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| Methylene Chloride                                   | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| Propionitrile                                        | ND(0.013)                       | ND(0.012)                       | ND(0.010)                       | ND(0.010) [ND(0.010)]           | ND(0.010)                       |
| Styrene                                              | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| Tetrachloroethene                                    | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| Toluene                                              | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| trans-1,2-Dichloroethene                             | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| trans-1,3-Dichloropropene                            | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| trans-1,4-Dichloro-2-butene                          | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| Trichloroethene                                      | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| Trichlorofluoromethane                               | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| Vinyl Acetate                                        | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| Vinyl Chloride                                       | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| Xylenes (total)                                      | ND(0.0063)                      | ND(0.0062)                      | ND(0.0052)                      | ND(0.0053) [ND(0.0053)]         | ND(0.0052)                      |
| <b>Semivolatile Organics</b>                         |                                 |                                 |                                 |                                 |                                 |
| 1,2,4,5-Tetrachlorobenzene                           | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| 1,2,4-Trichlorobenzene                               | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| 1,2-Dichlorobenzene                                  | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| 1,2-Diphenylhydrazine                                | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-25-SB-5<br>0-1<br>07/03/03 | 19-9-25-SB-5<br>1-3<br>07/03/03 | 19-9-25-SB-6<br>0-1<br>07/03/03 | 19-9-25-SB-6<br>1-3<br>07/03/03 | 19-9-30-SB-5<br>0-1<br>07/07/03 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                 |                                 |                                 |                                 |                                 |
| 1,3,5-Trinitrobenzene                                | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| 1,3-Dichlorobenzene                                  | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| 1,3-Dinitrobenzene                                   | ND(0.85)                        | ND(0.83)                        | ND(0.70)                        | ND(0.71) [ND(0.71)]             | ND(0.70) J                      |
| 1,4-Dichlorobenzene                                  | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| 1,4-Naphthoquinone                                   | ND(0.85)                        | ND(0.83)                        | ND(0.70)                        | ND(0.71) [ND(0.71)]             | ND(0.70)                        |
| 1-Naphthylamine                                      | ND(0.85)                        | ND(0.83)                        | ND(0.70)                        | ND(0.71) [ND(0.71)]             | ND(0.70)                        |
| 2,3,4,6-Tetrachlorophenol                            | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| 2,4,5-Trichlorophenol                                | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| 2,4,6-Trichlorophenol                                | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| 2,4-Dichlorophenol                                   | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| 2,4-Dimethylphenol                                   | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| 2,4-Dinitrophenol                                    | ND(3.2) J                       | ND(2.1) J                       | ND(1.8) J                       | ND(1.8) J [ND(1.9) J]           | ND(1.8) J                       |
| 2,4-Dinitrotoluene                                   | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| 2,6-Dichlorophenol                                   | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| 2,6-Dinitrotoluene                                   | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| 2-Acetylaminofluorene                                | ND(0.85)                        | ND(0.83)                        | ND(0.70)                        | ND(0.71) [ND(0.71)]             | ND(0.70)                        |
| 2-Chloronaphthalene                                  | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| 2-Chlorophenol                                       | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| 2-Methylnaphthalene                                  | 0.17 J                          | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| 2-Methylphenol                                       | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| 2-Naphthylamine                                      | ND(0.85)                        | ND(0.83)                        | ND(0.70)                        | ND(0.71) [ND(0.71)]             | ND(0.70)                        |
| 2-Nitroaniline                                       | ND(3.2)                         | ND(2.1)                         | ND(1.8)                         | ND(1.8) [ND(1.9)]               | ND(1.8)                         |
| 2-Nitrophenol                                        | ND(0.85)                        | ND(0.83)                        | ND(0.70)                        | ND(0.71) [ND(0.71)]             | ND(0.70)                        |
| 2-Picoline                                           | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| 3&4-Methylphenol                                     | ND(0.85)                        | ND(0.83)                        | ND(0.70)                        | ND(0.71) [ND(0.71)]             | ND(0.70)                        |
| 3,3'-Dichlorobenzidine                               | ND(1.3)                         | ND(0.83)                        | ND(0.70)                        | ND(0.71) [ND(0.77)]             | ND(0.70)                        |
| 3,3'-Dimethylbenzidine                               | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| 3-Methylcholanthrene                                 | ND(0.85)                        | ND(0.83)                        | ND(0.70)                        | ND(0.71) [ND(0.71)]             | ND(0.70)                        |
| 3-Nitroaniline                                       | ND(3.2)                         | ND(2.1)                         | ND(1.8)                         | ND(1.8) [ND(1.9)]               | ND(1.8)                         |
| 4,6-Dinitro-2-methylphenol                           | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| 4-Aminobiphenyl                                      | ND(0.85)                        | ND(0.83)                        | ND(0.70)                        | ND(0.71) [ND(0.71)]             | ND(0.70)                        |
| 4-Bromophenyl-phenylether                            | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| 4-Chloro-3-Methylphenol                              | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| 4-Chloroaniline                                      | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| 4-Chlorobenzilate                                    | ND(0.85)                        | ND(0.83)                        | ND(0.70)                        | ND(0.71) [ND(0.71)]             | ND(0.70)                        |
| 4-Chlorophenyl-phenylether                           | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| 4-Nitroaniline                                       | ND(2.2)                         | ND(2.1)                         | ND(1.8)                         | ND(1.8) [ND(1.8)]               | ND(1.8)                         |
| 4-Nitrophenol                                        | ND(3.2) J                       | ND(2.1) J                       | ND(1.8) J                       | ND(1.8) J [ND(1.9) J]           | ND(1.8) J                       |
| 4-Nitroquinoline-1-oxide                             | ND(0.85)                        | ND(0.83)                        | ND(0.70)                        | ND(0.71) [ND(0.71)]             | ND(0.70)                        |
| 4-Phenylenediamine                                   | ND(0.85)                        | ND(0.83)                        | ND(0.70)                        | ND(0.71) [ND(0.71)]             | ND(0.70)                        |
| 5-Nitro-o-toluidine                                  | ND(0.85)                        | ND(0.83)                        | ND(0.70)                        | ND(0.71) [ND(0.71)]             | ND(0.70)                        |
| 7,12-Dimethylbenz(a)anthracene                       | ND(0.85)                        | ND(0.83)                        | ND(0.70)                        | ND(0.71) [ND(0.71)]             | ND(0.70)                        |
| a,a'-Dimethylphenethylamine                          | ND(0.85)                        | ND(0.83)                        | ND(0.70)                        | ND(0.71) [ND(0.71)]             | ND(0.70)                        |
| Acenaphthene                                         | 0.77                            | ND(0.41)                        | ND(0.35)                        | 0.30 J [ND(0.39)]               | ND(0.35)                        |
| Acenaphthylene                                       | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| Acetophenone                                         | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| Aniline                                              | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| Anthracene                                           | 0.95                            | ND(0.41)                        | ND(0.35)                        | 0.26 J [0.15 J]                 | ND(0.35)                        |
| Aramite                                              | ND(0.85)                        | ND(0.83)                        | ND(0.70)                        | ND(0.71) [ND(0.71)]             | ND(0.70)                        |
| Benzidine                                            | ND(1.3)                         | ND(0.83)                        | ND(0.70)                        | ND(0.71) [ND(0.77)]             | ND(0.70)                        |
| Benzo(a)anthracene                                   | 3.0                             | 0.32 J                          | ND(0.35)                        | 0.92 J [0.43 J]                 | ND(0.35)                        |
| Benzo(a)pyrene                                       | 2.6                             | 0.36 J                          | ND(0.35)                        | 0.82 J [0.42 J]                 | ND(0.35)                        |
| Benzo(b)fluoranthene                                 | 2.5                             | 0.34 J                          | ND(0.35)                        | 0.72 J [0.40 J]                 | ND(0.35)                        |
| Benzo(g,h,i)perylene                                 | 1.8                             | 0.31 J                          | ND(0.35)                        | 0.49 [0.30 J]                   | ND(0.35)                        |
| Benzo(k)fluoranthene                                 | 2.6                             | 0.33 J                          | ND(0.35)                        | 0.78 J [0.38 J]                 | ND(0.35)                        |
| Benzyl Alcohol                                       | ND(1.3)                         | ND(0.83)                        | ND(0.70)                        | ND(0.71) [ND(0.77)]             | ND(0.70)                        |
| bis(2-Chloroethoxy)methane                           | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| bis(2-Chloroethyl)ether                              | ND(0.63) J                      | ND(0.41) J                      | ND(0.35) J                      | ND(0.35) J [ND(0.39) J]         | ND(0.35) J                      |
| bis(2-Chloroisopropyl)ether                          | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35) J                      |
| bis(2-Ethylhexyl)phthalate                           | 0.85                            | 0.61                            | ND(0.34)                        | ND(0.35) [ND(0.35)]             | ND(0.35)                        |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-25-SB-5<br>0-1<br>07/03/03 | 19-9-25-SB-5<br>1-3<br>07/03/03 | 19-9-25-SB-6<br>0-1<br>07/03/03 | 19-9-25-SB-6<br>1-3<br>07/03/03 | 19-9-30-SB-5<br>0-1<br>07/07/03 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                 |                                 |                                 |                                 |                                 |
| Butylbenzylphthalate                                 | 10                              | 46                              | ND(0.35)                        | 0.40 [0.53]                     | ND(0.35)                        |
| Chrysene                                             | 3.7                             | 0.41                            | ND(0.35)                        | 1.1 J [0.45 J]                  | ND(0.35)                        |
| Diallate                                             | ND(0.85)                        | ND(0.83)                        | ND(0.70)                        | ND(0.71) [ND(0.71)]             | ND(0.70)                        |
| Dibenzo(a,h)anthracene                               | 0.48 J                          | ND(0.41)                        | ND(0.35)                        | 0.12 J [ND(0.39)]               | ND(0.35)                        |
| Dibenzofuran                                         | 0.34 J                          | ND(0.41)                        | ND(0.35)                        | 0.13 J [ND(0.39)]               | ND(0.35)                        |
| Diethylphthalate                                     | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| Dimethylphthalate                                    | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| Di-n-Butylphthalate                                  | 0.50 J                          | 0.25 J                          | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| Di-n-Octylphthalate                                  | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| Diphenylamine                                        | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| Ethyl Methanesulfonate                               | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| Fluoranthene                                         | 7.9                             | 0.64                            | ND(0.35)                        | 2.3 J [0.99 J]                  | ND(0.35)                        |
| Fluorene                                             | 0.60 J                          | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| Hexachlorobenzene                                    | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| Hexachlorobutadiene                                  | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| Hexachlorocyclopentadiene                            | ND(0.63) J                      | ND(0.41) J                      | ND(0.35) J                      | ND(0.35) J [ND(0.39) J]         | ND(0.35) J                      |
| Hexachloroethane                                     | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| Hexachlorophene                                      | ND(1.3) J                       | ND(0.83) J                      | ND(0.70) J                      | ND(0.71) J [ND(0.77) J]         | ND(0.70) J                      |
| Hexachloropropene                                    | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35) J                      |
| Indeno(1,2,3-cd)pyrene                               | 1.5                             | ND(0.41)                        | ND(0.35)                        | 0.43 J [0.25 J]                 | ND(0.35)                        |
| Isodrin                                              | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| Isophorone                                           | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| Isosafrole                                           | ND(0.85)                        | ND(0.83)                        | ND(0.70)                        | ND(0.71) [ND(0.71)]             | ND(0.70)                        |
| Methapyrilene                                        | ND(0.85)                        | ND(0.83)                        | ND(0.70)                        | ND(0.71) [ND(0.71)]             | ND(0.70)                        |
| Methyl Methanesulfonate                              | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| Naphthalene                                          | 0.19 J                          | ND(0.41)                        | ND(0.35)                        | 0.097 J [ND(0.39)]              | ND(0.35)                        |
| Nitrobenzene                                         | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| N-Nitrosodiethylamine                                | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| N-Nitrosodimethylamine                               | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| N-Nitroso-di-n-butylamine                            | ND(0.85)                        | ND(0.83)                        | ND(0.70)                        | ND(0.71) [ND(0.71)]             | ND(0.70)                        |
| N-Nitroso-di-n-propylamine                           | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| N-Nitrosodiphenylamine                               | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| N-Nitrosomethylethylamine                            | ND(0.85)                        | ND(0.83)                        | ND(0.70)                        | ND(0.71) [ND(0.71)]             | ND(0.70)                        |
| N-Nitrosomorpholine                                  | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| N-Nitrosopiperidine                                  | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| N-Nitrosopyrrolidine                                 | ND(0.85)                        | ND(0.83)                        | ND(0.70)                        | ND(0.71) [ND(0.71)]             | ND(0.70)                        |
| o,o,o-Triethylphosphorothioate                       | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35) J                      |
| o-Toluidine                                          | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| p-Dimethylaminoazobenzene                            | ND(0.85)                        | ND(0.83)                        | ND(0.70)                        | ND(0.71) [ND(0.71)]             | ND(0.70)                        |
| Pentachlorobenzene                                   | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| Pentachloroethane                                    | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| Pentachloronitrobenzene                              | ND(0.85) J                      | ND(0.83) J                      | ND(0.70) J                      | ND(0.71) J [ND(0.71) J]         | ND(0.70) J                      |
| Pentachlorophenol                                    | ND(3.2)                         | ND(2.1)                         | ND(1.8)                         | ND(1.8) [ND(1.9)]               | ND(1.8)                         |
| Phenacetin                                           | ND(0.85)                        | ND(0.83)                        | ND(0.70)                        | ND(0.71) [ND(0.71)]             | ND(0.70)                        |
| Phenanthrene                                         | 5.2                             | 0.32 J                          | ND(0.35)                        | 1.8 J [0.67 J]                  | ND(0.35)                        |
| Phenol                                               | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| Pronamide                                            | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| Pyrene                                               | 6.0                             | 0.58 J                          | ND(0.35)                        | 1.9 J [0.82 J]                  | ND(0.35)                        |
| Pyridine                                             | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |
| Safrole                                              | ND(0.63) J                      | ND(0.41) J                      | ND(0.35) J                      | ND(0.35) J [ND(0.39) J]         | ND(0.35)                        |
| Thionazin                                            | ND(0.63)                        | ND(0.41)                        | ND(0.35)                        | ND(0.35) [ND(0.39)]             | ND(0.35)                        |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-25-SB-5<br>0-1<br>07/03/03 | 19-9-25-SB-5<br>1-3<br>07/03/03 | 19-9-25-SB-6<br>0-1<br>07/03/03 | 19-9-25-SB-6<br>1-3<br>07/03/03   | 19-9-30-SB-5<br>0-1<br>07/07/03 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|-----------------------------------|---------------------------------|
| <b>Furans</b>                                        |                                 |                                 |                                 |                                   |                                 |
| 2,3,7,8-TCDF                                         | ND(0.0000011)                   | ND(0.0000013)                   | ND(0.0000078)                   | ND(0.0000092) [ND(0.0000096)]     | ND(0.0000014) Y                 |
| TCDFs (total)                                        | 0.0000086                       | ND(0.0000013)                   | ND(0.0000078)                   | ND(0.0000092) [ND(0.0000096)]     | 0.0000032                       |
| 1,2,3,7,8-PeCDF                                      | ND(0.0000080)                   | ND(0.0000068)                   | ND(0.0000011) X                 | ND(0.0000074) [ND(0.0000071)]     | ND(0.0000061)                   |
| 2,3,4,7,8-PeCDF                                      | ND(0.0000085)                   | ND(0.0000072)                   | ND(0.0000058)                   | ND(0.0000079) [ND(0.0000076)]     | ND(0.0000065)                   |
| PeCDFs (total)                                       | 0.000012                        | 0.000016                        | 0.0000027                       | ND(0.0000074) [ND(0.0000071)]     | 0.0000069                       |
| 1,2,3,4,7,8-HxCDF                                    | 0.000024 I                      | 0.000013 I                      | 0.0000052 I                     | 0.0000028 IJ [0.0000056 IJ]       | 0.0000086                       |
| 1,2,3,6,7,8-HxCDF                                    | 0.0000016                       | ND(0.0000099)                   | 0.0000016                       | 0.0000099 J [0.0000023 J]         | ND(0.0000088) X                 |
| 1,2,3,7,8,9-HxCDF                                    | ND(0.0000083)                   | ND(0.0000013)                   | ND(0.0000055)                   | ND(0.0000074) [ND(0.0000063)]     | ND(0.0000040)                   |
| 2,3,4,6,7,8-HxCDF                                    | ND(0.0000071)                   | ND(0.0000011)                   | 0.0000068                       | ND(0.0000093) X [ND(0.0000054)]   | ND(0.0000035)                   |
| HxCDFs (total)                                       | 0.000036                        | 0.000013                        | 0.000013                        | 0.0000096 J [0.000016 J]          | 0.000020                        |
| 1,2,3,4,6,7,8-HpCDF                                  | 0.000020                        | ND(0.000015) X                  | 0.000018                        | 0.000012 [0.000019]               | ND(0.000012) X                  |
| 1,2,3,4,7,8,9-HpCDF                                  | ND(0.0000014)                   | ND(0.0000013)                   | 0.0000040                       | 0.0000030 [0.0000041]             | ND(0.0000014) X                 |
| HpCDFs (total)                                       | 0.000020                        | ND(0.0000010)                   | 0.000031                        | 0.000016 [0.000023]               | ND(0.0000041)                   |
| OCDF                                                 | 0.000058                        | 0.000044                        | 0.00011                         | 0.000068 [0.000083]               | 0.000056                        |
| <b>Dioxins</b>                                       |                                 |                                 |                                 |                                   |                                 |
| 2,3,7,8-TCDD                                         | ND(0.0000084) J                 | ND(0.0000072) J                 | ND(0.0000043) J                 | ND(0.0000057) J [ND(0.0000055) J] | ND(0.0000047) J                 |
| TCDDs (total)                                        | ND(0.0000084) J                 | ND(0.0000072) J                 | ND(0.0000043) J                 | ND(0.0000057) J [ND(0.0000055) J] | ND(0.0000047) J                 |
| 1,2,3,7,8-PeCDD                                      | ND(0.0000014)                   | ND(0.0000010)                   | ND(0.0000060)                   | ND(0.0000069) [ND(0.0000072)]     | ND(0.0000051)                   |
| PeCDDs (total)                                       | ND(0.0000014)                   | ND(0.0000010)                   | ND(0.0000060)                   | ND(0.0000069) [ND(0.0000072)]     | ND(0.0000051)                   |
| 1,2,3,4,7,8-HxCDD                                    | ND(0.0000085)                   | ND(0.0000081)                   | ND(0.0000060)                   | ND(0.0000056) [ND(0.0000061)]     | ND(0.0000034)                   |
| 1,2,3,6,7,8-HxCDD                                    | 0.0000024                       | ND(0.0000074)                   | ND(0.0000054)                   | 0.0000023 [0.0000037]             | ND(0.0000031)                   |
| 1,2,3,7,8,9-HxCDD                                    | ND(0.0000034) X                 | ND(0.0000074)                   | ND(0.0000054)                   | 0.0000019 [ND(0.0000029) X]       | ND(0.0000031)                   |
| HxCDDs (total)                                       | 0.000024                        | ND(0.0000074)                   | ND(0.0000054)                   | 0.0000042 [0.0000037]             | ND(0.0000031)                   |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.000037                        | 0.000024                        | 0.000067                        | 0.000026 [0.000041]               | 0.0000061                       |
| HpCDDs (total)                                       | 0.000061                        | 0.000043                        | 0.000012                        | 0.000043 [0.000068]               | 0.000011                        |
| OCDD                                                 | 0.00021                         | 0.00017                         | 0.000036                        | 0.00013 [0.00020]                 | 0.000045                        |
| Total TEQs (WHO TEFs)                                | 0.0000051                       | 0.0000030                       | 0.0000019                       | 0.0000022 [0.0000030]             | 0.0000019                       |
| <b>Inorganics</b>                                    |                                 |                                 |                                 |                                   |                                 |
| Antimony                                             | 1.80 B                          | 1.60 B                          | 1.70 B                          | 1.40 B [1.40 B]                   | ND(6.00)                        |
| Arsenic                                              | 3.60                            | 2.60                            | 2.30                            | 3.10 [2.50]                       | 2.40                            |
| Barium                                               | 57.0                            | 64.0                            | ND(20.0)                        | 25.0 [30.0]                       | 33.0                            |
| Beryllium                                            | ND(0.500)                       | ND(0.500)                       | ND(0.500)                       | ND(0.500) [ND(0.500)]             | 0.200 B                         |
| Cadmium                                              | ND(0.500)                       | ND(0.500)                       | ND(0.500)                       | ND(0.500) [ND(0.500)]             | 0.110 B                         |
| Chromium                                             | 11.0                            | 12.0                            | 3.90                            | 5.30 [4.10]                       | 7.40                            |
| Cobalt                                               | 5.30                            | 9.60                            | 3.40 B                          | 4.00 B [4.00 B]                   | 5.70                            |
| Copper                                               | 22.0                            | 20.0                            | 8.40                            | 14.0 [8.90]                       | 14.0                            |
| Cyanide                                              | 0.120 B                         | 0.100 B                         | ND(0.520)                       | ND(0.530) [ND(0.530)]             | 0.130                           |
| Lead                                                 | 35.0 J                          | 48.0 J                          | 4.20 J                          | 24.0 J [13.0 J]                   | 13.0                            |
| Mercury                                              | 0.00800 B                       | ND(0.120)                       | ND(0.100)                       | 0.00740 B [ND(0.100)]             | 0.200                           |
| Nickel                                               | 17.0                            | 13.0                            | 6.60                            | 7.40 [6.90]                       | 10.0                            |
| Selenium                                             | ND(1.00)                        | ND(1.00)                        | ND(1.00)                        | ND(1.00) [ND(1.00)]               | ND(1.00) J                      |
| Silver                                               | ND(1.00)                        | 0.140 B                         | ND(1.00)                        | ND(1.00) [ND(1.00)]               | ND(1.00)                        |
| Sulfide                                              | 1300 J                          | 7.90 J                          | 2900 J                          | 36.0 J [2900 J]                   | 310                             |
| Thallium                                             | ND(1.30) J                      | ND(1.20) J                      | ND(1.00) J                      | ND(1.00) J [ND(1.00) J]           | ND(1.00)                        |
| Tin                                                  | ND(10.0)                        | ND(10.0)                        | ND(10.0)                        | ND(10.0) [ND(10.0)]               | ND(10.0)                        |
| Vanadium                                             | 8.00                            | 6.40                            | 4.40 B                          | 5.60 [4.50 B]                     | 8.00                            |
| Zinc                                                 | 99.0                            | 95.0                            | 26.0                            | 44.0 [32.0]                       | 35.0                            |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
 (Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-30-SB-5<br>1-3<br>07/07/03 | 19-9-30-SB-6<br>0-1<br>07/07/03 | 19-9-30-SB-6<br>1-3<br>07/07/03 | 19-9-31-SB-2<br>0-1<br>07/07/03 | 19-9-31-SB-2<br>1-3<br>07/07/03 | 19-9-31-SB-3<br>0-1<br>07/07/03 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Volatile Organics</b>                             |                                 |                                 |                                 |                                 |                                 |                                 |
| 1,1,1,2-Tetrachloroethane                            | ND(0.0057) J                    | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| 1,1,1-Trichloroethane                                | ND(0.0057)                      | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| 1,1,2,2-Tetrachloroethane                            | ND(0.0057) J                    | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| 1,1,2-Trichloroethane                                | ND(0.0057) J                    | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| 1,1-Dichloroethane                                   | ND(0.0057)                      | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| 1,1-Dichloroethene                                   | ND(0.0057)                      | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| 1,2,3-Trichloropropane                               | ND(0.0057) J                    | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| 1,2-Dibromo-3-chloropropane                          | ND(0.0057) J                    | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| 1,2-Dibromoethane                                    | ND(0.0057) J                    | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| 1,2-Dichloroethane                                   | ND(0.0057)                      | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| 1,2-Dichloropropane                                  | ND(0.0057)                      | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| 1,4-Dioxane                                          | ND(0.11) J                      | ND(0.12) J                      | ND(0.12) J                      | ND(0.11) J                      | ND(0.11) J                      | ND(0.11) J                      |
| 2-Butanone                                           | ND(0.011)                       | ND(0.012)                       | ND(0.012)                       | ND(0.011)                       | ND(0.011)                       | ND(0.011)                       |
| 2-Chloro-1,3-butadiene                               | ND(0.0057)                      | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| 2-Chloroethylvinylether                              | ND(0.0057)                      | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| 2-Hexanone                                           | ND(0.011) J                     | ND(0.012)                       | ND(0.012)                       | ND(0.011)                       | ND(0.011)                       | ND(0.011)                       |
| 3-Chloropropene                                      | ND(0.0057)                      | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| 4-Methyl-2-pentanone                                 | ND(0.011)                       | ND(0.012)                       | ND(0.012)                       | ND(0.011)                       | ND(0.011)                       | ND(0.011)                       |
| Acetone                                              | 0.015 J                         | 0.013 J                         | ND(0.024)                       | ND(0.021)                       | ND(0.022)                       | ND(0.022)                       |
| Acetonitrile                                         | ND(0.11) J                      | ND(0.12) J                      | ND(0.12) J                      | ND(0.11) J                      | ND(0.11) J                      | ND(0.11) J                      |
| Acrolein                                             | ND(0.11) J                      | ND(0.12) J                      | ND(0.12) J                      | ND(0.11) J                      | ND(0.11) J                      | ND(0.11) J                      |
| Acrylonitrile                                        | ND(0.0057)                      | ND(0.0061)                      | ND(0.0059) J                    | ND(0.0054)                      | ND(0.0054) J                    | ND(0.0054) J                    |
| Benzene                                              | ND(0.0057)                      | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| Bromodichloromethane                                 | ND(0.0057)                      | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| Bromoform                                            | ND(0.0057) J                    | ND(0.0061)                      | ND(0.0059) J                    | ND(0.0054)                      | ND(0.0054) J                    | ND(0.0054) J                    |
| Bromomethane                                         | ND(0.0057)                      | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| Carbon Disulfide                                     | ND(0.0057)                      | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| Carbon Tetrachloride                                 | ND(0.0057)                      | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| Chlorobenzene                                        | ND(0.0057) J                    | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| Chloroethane                                         | ND(0.0057)                      | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| Chloroform                                           | ND(0.0057)                      | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| Chloromethane                                        | ND(0.0057)                      | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| cis-1,3-Dichloropropene                              | ND(0.0057)                      | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| Dibromochloromethane                                 | ND(0.0057) J                    | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| Dibromomethane                                       | ND(0.0057)                      | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| Dichlorodifluoromethane                              | ND(0.0057)                      | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| Ethyl Methacrylate                                   | ND(0.0057) J                    | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| Ethylbenzene                                         | ND(0.0057) J                    | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| Iodomethane                                          | ND(0.0057) J                    | ND(0.0061) J                    | ND(0.0059) J                    | ND(0.0054) J                    | ND(0.0054) J                    | ND(0.0054) J                    |
| Isobutanol                                           | ND(0.11) J                      | ND(0.12) J                      | ND(0.12) J                      | ND(0.11) J                      | ND(0.11) J                      | ND(0.11) J                      |
| Methacrylonitrile                                    | ND(0.0057)                      | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| Methyl Methacrylate                                  | ND(0.0057)                      | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| Methylene Chloride                                   | ND(0.0057)                      | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| Propionitrile                                        | ND(0.011)                       | ND(0.012)                       | ND(0.012)                       | ND(0.011)                       | ND(0.011)                       | ND(0.011)                       |
| Styrene                                              | ND(0.0057) J                    | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| Tetrachloroethene                                    | ND(0.0057) J                    | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| Toluene                                              | ND(0.0057) J                    | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| trans-1,2-Dichloroethene                             | ND(0.0057)                      | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| trans-1,3-Dichloropropene                            | ND(0.0057) J                    | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| trans-1,4-Dichloro-2-butene                          | ND(0.0057) J                    | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| Trichloroethene                                      | ND(0.0057)                      | ND(0.0061)                      | ND(0.0059) J                    | ND(0.0054)                      | ND(0.0054) J                    | ND(0.0054) J                    |
| Trichlorofluoromethane                               | ND(0.0057)                      | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| Vinyl Acetate                                        | ND(0.0057)                      | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| Vinyl Chloride                                       | ND(0.0057)                      | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| Xylenes (total)                                      | ND(0.0057) J                    | ND(0.0061)                      | ND(0.0059)                      | ND(0.0054)                      | ND(0.0054)                      | ND(0.0054)                      |
| <b>Semivolatile Organics</b>                         |                                 |                                 |                                 |                                 |                                 |                                 |
| 1,2,4,5-Tetrachlorobenzene                           | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| 1,2,4-Trichlorobenzene                               | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| 1,2-Dichlorobenzene                                  | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| 1,2-Diphenylhydrazine                                | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-30-SB-5<br>1-3<br>07/07/03 | 19-9-30-SB-6<br>0-1<br>07/07/03 | 19-9-30-SB-6<br>1-3<br>07/07/03 | 19-9-31-SB-2<br>0-1<br>07/07/03 | 19-9-31-SB-2<br>1-3<br>07/07/03 | 19-9-31-SB-3<br>0-1<br>07/07/03 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                 |                                 |                                 |                                 |                                 |                                 |
| 1,3,5-Trinitrobenzene                                | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| 1,3-Dichlorobenzene                                  | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| 1,3-Dinitrobenzene                                   | ND(0.76) J                      | ND(0.81)                        | ND(0.79) J                      | ND(0.72) J                      | ND(0.73) J                      | ND(0.72) J                      |
| 1,4-Dichlorobenzene                                  | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| 1,4-Naphthoquinone                                   | ND(0.76)                        | ND(0.81)                        | ND(0.79)                        | ND(0.72)                        | ND(0.73)                        | ND(0.72)                        |
| 1-Naphthylamine                                      | ND(0.76)                        | ND(0.81)                        | ND(0.79)                        | ND(0.72)                        | ND(0.73)                        | ND(0.72)                        |
| 2,3,4,6-Tetrachlorophenol                            | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| 2,4,5-Trichlorophenol                                | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| 2,4,6-Trichlorophenol                                | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| 2,4-Dichlorophenol                                   | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| 2,4-Dimethylphenol                                   | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| 2,4-Dinitrophenol                                    | ND(1.9) J                       | ND(3.8) J                       | ND(2.0) J                       | ND(1.8) J                       | ND(1.8) J                       | ND(1.8) J                       |
| 2,4-Dinitrotoluene                                   | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| 2,6-Dichlorophenol                                   | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| 2,6-Dinitrotoluene                                   | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| 2-Acetylaminofluorene                                | ND(0.76)                        | ND(0.81)                        | ND(0.79)                        | ND(0.72)                        | ND(0.73)                        | ND(0.72)                        |
| 2-Chloronaphthalene                                  | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| 2-Chlorophenol                                       | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| 2-Methylnaphthalene                                  | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| 2-Methylphenol                                       | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| 2-Naphthylamine                                      | ND(0.76)                        | ND(0.81)                        | ND(0.79)                        | ND(0.72)                        | ND(0.73)                        | ND(0.72)                        |
| 2-Nitroaniline                                       | ND(1.9)                         | ND(3.8)                         | ND(2.0)                         | ND(1.8)                         | ND(1.8)                         | ND(1.8)                         |
| 2-Nitrophenol                                        | ND(0.76)                        | ND(0.81)                        | ND(0.79)                        | ND(0.72)                        | ND(0.73)                        | ND(0.72)                        |
| 2-Picoline                                           | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| 3&4-Methylphenol                                     | ND(0.76)                        | ND(0.81)                        | ND(0.79)                        | ND(0.72)                        | ND(0.73)                        | ND(0.72)                        |
| 3,3'-Dichlorobenzidine                               | ND(0.76)                        | ND(1.5)                         | ND(0.79)                        | ND(0.72)                        | ND(0.73)                        | ND(0.72)                        |
| 3,3'-Dimethylbenzidine                               | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| 3-Methylcholanthrene                                 | ND(0.76)                        | ND(0.81)                        | ND(0.79)                        | ND(0.72)                        | ND(0.73)                        | ND(0.72)                        |
| 3-Nitroaniline                                       | ND(1.9)                         | ND(3.8)                         | ND(2.0)                         | ND(1.8)                         | ND(1.8)                         | ND(1.8)                         |
| 4,6-Dinitro-2-methylphenol                           | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| 4-Aminobiphenyl                                      | ND(0.76)                        | ND(0.81)                        | ND(0.79)                        | ND(0.72)                        | ND(0.73)                        | ND(0.72)                        |
| 4-Bromophenyl-phenylether                            | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| 4-Chloro-3-Methylphenol                              | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| 4-Chloroaniline                                      | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| 4-Chlorobenzilate                                    | ND(0.76)                        | ND(0.81)                        | ND(0.79)                        | ND(0.72)                        | ND(0.73)                        | ND(0.72)                        |
| 4-Chlorophenyl-phenylether                           | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| 4-Nitroaniline                                       | ND(1.9)                         | ND(2.1)                         | ND(2.0)                         | ND(1.8)                         | ND(1.8)                         | ND(1.8)                         |
| 4-Nitrophenol                                        | ND(1.9) J                       | ND(3.8) J                       | ND(2.0) J                       | ND(1.8) J                       | ND(1.8) J                       | ND(1.8) J                       |
| 4-Nitroquinoline-1-oxide                             | ND(0.76)                        | ND(0.81)                        | ND(0.79)                        | ND(0.72)                        | ND(0.73)                        | ND(0.72)                        |
| 4-Phenylenediamine                                   | ND(0.76)                        | ND(0.81)                        | ND(0.79)                        | ND(0.72)                        | ND(0.73)                        | ND(0.72)                        |
| 5-Nitro-o-toluidine                                  | ND(0.76)                        | ND(0.81)                        | ND(0.79)                        | ND(0.72)                        | ND(0.73)                        | ND(0.72)                        |
| 7,12-Dimethylbenz(a)anthracene                       | ND(0.76)                        | ND(0.81)                        | ND(0.79)                        | ND(0.72)                        | ND(0.73)                        | ND(0.72)                        |
| a,a'-Dimethylphenethylamine                          | ND(0.76)                        | ND(0.81)                        | ND(0.79)                        | ND(0.72)                        | ND(0.73)                        | ND(0.72)                        |
| Acenaphthene                                         | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| Acenaphthylene                                       | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| Acetophenone                                         | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| Aniline                                              | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | 0.079 J                         | ND(0.36)                        |
| Anthracene                                           | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| Aramite                                              | ND(0.76)                        | ND(0.81)                        | ND(0.79)                        | ND(0.72)                        | ND(0.73)                        | ND(0.72)                        |
| Benzidine                                            | ND(0.76)                        | ND(1.5)                         | ND(0.79)                        | ND(0.72)                        | ND(0.73)                        | ND(0.72)                        |
| Benzo(a)anthracene                                   | ND(0.38)                        | 0.21 J                          | ND(0.39)                        | ND(0.36)                        | 0.10 J                          | 0.11 J                          |
| Benzo(a)pyrene                                       | ND(0.38)                        | 0.24 J                          | ND(0.39)                        | ND(0.36)                        | 0.13 J                          | 0.12 J                          |
| Benzo(b)fluoranthene                                 | ND(0.38)                        | 0.25 J                          | ND(0.39)                        | ND(0.36)                        | 0.12 J                          | 0.11 J                          |
| Benzo(g,h,i)perylene                                 | ND(0.38)                        | 0.26 J                          | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | 0.095 J                         |
| Benzo(k)fluoranthene                                 | ND(0.38)                        | 0.22 J                          | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| Benzyl Alcohol                                       | ND(0.76)                        | ND(1.5)                         | ND(0.79)                        | ND(0.72)                        | ND(0.73)                        | ND(0.72)                        |
| bis(2-Chloroethoxy)methane                           | ND(0.38)                        | ND(0.76)                        | ND(0.39)                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        |
| bis(2-Chloroethyl)ether                              | ND(0.38) J                      | ND(0.76) J                      | ND(0.39) J                      | ND(0.36) J                      | ND(0.36) J                      | ND(0.36) J                      |
| bis(2-Chloroisopropyl)ether                          | ND(0.38) J                      | ND(0.76)                        | ND(0.39) J                      | ND(0.36) J                      | ND(0.36) J                      | ND(0.36) J                      |
| bis(2-Ethylhexyl)phthalate                           | ND(0.37)                        | ND(0.40)                        | ND(0.39)                        | ND(0.35)                        | ND(0.36)                        | 0.99                            |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 1-3<br>07/07/03 | 0-1<br>07/07/03 | 1-3<br>07/07/03 | 0-1<br>07/07/03 | 1-3<br>07/07/03 | 0-1<br>07/07/03 |
|------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <b>Semivolatile Organics (continued)</b>             |                 |                 |                 |                 |                 |                 |
| Butylbenzylphthalate                                 | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| Chrysene                                             | 0.096 J         | 0.23 J          | 0.11 J          | 0.079 J         | 0.14 J          | 0.14 J          |
| Diallate                                             | ND(0.76)        | ND(0.81)        | ND(0.79)        | ND(0.72)        | ND(0.73)        | ND(0.72)        |
| Dibenzo(a,h)anthracene                               | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| Dibenzofuran                                         | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| Diethylphthalate                                     | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| Dimethylphthalate                                    | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| Di-n-Butylphthalate                                  | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| Di-n-Octylphthalate                                  | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| Diphenylamine                                        | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| Ethyl Methanesulfonate                               | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| Fluoranthene                                         | 0.17 J          | 0.37 J          | 0.22 J          | 0.12 J          | 0.22 J          | 0.26 J          |
| Fluorene                                             | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| Hexachlorobenzene                                    | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| Hexachlorobutadiene                                  | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| Hexachlorocyclopentadiene                            | ND(0.38) J      | ND(0.76) J      | ND(0.39) J      | ND(0.36) J      | ND(0.36) J      | ND(0.36) J      |
| Hexachloroethane                                     | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| Hexachlorophene                                      | ND(0.76) J      | ND(1.5) J       | ND(0.79) J      | ND(0.72) J      | ND(0.73) J      | ND(0.72) J      |
| Hexachloropropene                                    | ND(0.38) J      | ND(0.76) J      | ND(0.39) J      | ND(0.36) J      | ND(0.36) J      | ND(0.36) J      |
| Indeno(1,2,3-cd)pyrene                               | ND(0.38)        | 0.18 J          | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| Isodrin                                              | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| Isophorone                                           | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| Isosafrole                                           | ND(0.76)        | ND(0.81)        | ND(0.79)        | ND(0.72)        | ND(0.73)        | ND(0.72)        |
| Methapyrilene                                        | ND(0.76)        | ND(0.81)        | ND(0.79)        | ND(0.72)        | ND(0.73)        | ND(0.72)        |
| Methyl Methanesulfonate                              | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| Naphthalene                                          | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| Nitrobenzene                                         | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| N-Nitrosodiethylamine                                | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| N-Nitrosodimethylamine                               | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| N-Nitroso-di-n-butylamine                            | ND(0.76)        | ND(0.81)        | ND(0.79)        | ND(0.72)        | ND(0.73)        | ND(0.72)        |
| N-Nitroso-di-n-propylamine                           | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| N-Nitrosodiphenylamine                               | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| N-Nitrosomethylethylamine                            | ND(0.76)        | ND(0.81)        | ND(0.79)        | ND(0.72)        | ND(0.73)        | ND(0.72)        |
| N-Nitrosomorpholine                                  | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| N-Nitrosopiperidine                                  | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| N-Nitrosopyrrolidine                                 | ND(0.76)        | ND(0.81)        | ND(0.79)        | ND(0.72)        | ND(0.73)        | ND(0.72)        |
| o,o,o-Triethylphosphorothioate                       | ND(0.38) J      | ND(0.76) J      | ND(0.39) J      | ND(0.36) J      | ND(0.36) J      | ND(0.36) J      |
| o-Toluidine                                          | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| p-Dimethylaminoazobenzene                            | ND(0.76)        | ND(0.81)        | ND(0.79)        | ND(0.72)        | ND(0.73)        | ND(0.72)        |
| Pentachlorobenzene                                   | ND(0.38)        | ND(0.76) J      | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| Pentachloroethane                                    | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| Pentachloronitrobenzene                              | ND(0.76) J      | ND(0.81)        | ND(0.79) J      | ND(0.72) J      | ND(0.73) J      | ND(0.72) J      |
| Pentachlorophenol                                    | ND(1.9)         | ND(3.8)         | ND(2.0)         | ND(1.8)         | ND(1.8)         | ND(1.8)         |
| Phenacetin                                           | ND(0.76)        | ND(0.81)        | ND(0.79)        | ND(0.72)        | ND(0.73)        | ND(0.72)        |
| Phenanthrene                                         | 0.11 J          | ND(0.76)        | 0.11 J          | ND(0.36)        | 0.090 J         | 0.14 J          |
| Phenol                                               | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| Pronamide                                            | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| Pyrene                                               | 0.13 J          | 0.42 J          | 0.23 J          | 0.097 J         | 0.20 J          | 0.22 J          |
| Pyridine                                             | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| Safrole                                              | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |
| Thionazin                                            | ND(0.38)        | ND(0.76)        | ND(0.39)        | ND(0.36)        | ND(0.36)        | ND(0.36)        |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 9-9-30-SB-5<br>1-3<br>07/07/03 | 9-9-30-SB-6<br>0-1<br>07/07/03 | 9-9-30-SB-6<br>1-3<br>07/07/03 | 9-9-31-SB-2<br>0-1<br>07/07/03 | 9-9-31-SB-2<br>1-3<br>07/07/03 | 9-9-31-SB-3<br>0-1<br>07/07/03 |
|------------------------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| <b>Furans</b>                                        |                                |                                |                                |                                |                                |                                |
| 2,3,7,8-TCDF                                         | 0.000097 Y                     | 0.000021 Y                     | 0.000013 Y                     | 0.000012 Y                     | 0.000010 Y                     | 0.000016 Y                     |
| TCDFs (total)                                        | 0.00050                        | 0.00014                        | 0.00012                        | 0.000080                       | 0.000059                       | 0.000092                       |
| 1,2,3,7,8-PeCDF                                      | 0.000044                       | 0.000016                       | 0.0000082                      | 0.000011                       | 0.0000044                      | 0.0000082                      |
| 2,3,4,7,8-PeCDF                                      | 0.00011                        | 0.000022                       | 0.0000092                      | ND(0.0000061) X                | 0.0000037                      | 0.0000072                      |
| PeCDFs (total)                                       | 0.00068                        | 0.00021                        | 0.00014                        | 0.000069                       | 0.000058                       | 0.000059                       |
| 1,2,3,4,7,8-HxCDF                                    | 0.00017 I                      | 0.00016 I                      | 0.00013 I                      | 0.000048 I                     | 0.000040 I                     | 0.000063 I                     |
| 1,2,3,6,7,8-HxCDF                                    | 0.000033                       | 0.000011                       | 0.0000074                      | 0.0000077                      | 0.0000040                      | 0.0000053                      |
| 1,2,3,7,8,9-HxCDF                                    | 0.000041                       | ND(0.0000032)                  | ND(0.0000071)                  | ND(0.0000067)                  | ND(0.0000066)                  | ND(0.0000066)                  |
| 2,3,4,6,7,8-HxCDF                                    | 0.000035                       | ND(0.000012) X                 | ND(0.0000085) X                | 0.0000027                      | 0.0000024                      | ND(0.0000040) X                |
| HxCDFs (total)                                       | 0.00050                        | 0.00032                        | 0.00030                        | 0.00011                        | 0.000085                       | 0.00014                        |
| 1,2,3,4,6,7,8-HpCDF                                  | 0.00016                        | 0.000064                       | 0.000059                       | 0.000025                       | 0.000020                       | 0.000023                       |
| 1,2,3,4,7,8,9-HpCDF                                  | 0.000039                       | 0.000014                       | ND(0.000012) X                 | 0.0000038                      | 0.0000039                      | ND(0.0000031) X                |
| HpCDFs (total)                                       | 0.00023                        | 0.000085                       | 0.000065                       | 0.000031                       | 0.000026                       | 0.000023                       |
| OCDF                                                 | 0.011                          | 0.00038                        | 0.00033                        | 0.000060                       | 0.000064                       | 0.000053                       |
| <b>Dioxins</b>                                       |                                |                                |                                |                                |                                |                                |
| 2,3,7,8-TCDD                                         | ND(0.0000078) J                | ND(0.0000066) J                | ND(0.0000062)                  | ND(0.000012) J                 | ND(0.0000057) J                | ND(0.0000070) J                |
| TCDDs (total)                                        | 0.000058 J                     | 0.000040 J                     | ND(0.0000062)                  | 0.000034 J                     | ND(0.0000057) J                | ND(0.0000070) J                |
| 1,2,3,7,8-PeCDD                                      | ND(0.0000012)                  | ND(0.0000011)                  | ND(0.0000012)                  | 0.0000031                      | ND(0.0000082)                  | ND(0.0000011)                  |
| PeCDDs (total)                                       | ND(0.0000012)                  | ND(0.0000011)                  | ND(0.0000012)                  | 0.0000031                      | ND(0.0000082)                  | ND(0.0000011)                  |
| 1,2,3,4,7,8-HxCDD                                    | ND(0.0000099)                  | ND(0.0000087)                  | ND(0.0000080)                  | ND(0.0000058)                  | ND(0.0000059)                  | ND(0.0000069)                  |
| 1,2,3,6,7,8-HxCDD                                    | ND(0.0000046) X                | 0.0000036                      | 0.0000035                      | 0.0000052                      | ND(0.0000053)                  | ND(0.0000063)                  |
| 1,2,3,7,8,9-HxCDD                                    | ND(0.0000048) X                | 0.0000039                      | 0.0000038                      | 0.0000020                      | ND(0.0000054)                  | ND(0.0000063)                  |
| HxCDDs (total)                                       | ND(0.0000090)                  | 0.0000076                      | 0.0000073                      | 0.0000072                      | ND(0.0000053)                  | ND(0.0000063)                  |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.000029                       | 0.000049                       | 0.000052                       | 0.000014                       | 0.0000073                      | 0.000013                       |
| HpCDDs (total)                                       | 0.000055                       | 0.000091                       | 0.000090                       | 0.000022                       | 0.000014                       | 0.000025                       |
| OCDD                                                 | 0.00021                        | 0.00046                        | 0.00057                        | 0.000062                       | 0.000046                       | 0.000075                       |
| Total TEQs (WHO TEFs)                                | 0.000096                       | 0.000035                       | 0.000023                       | 0.000014                       | 0.0000088                      | 0.000014                       |
| <b>Inorganics</b>                                    |                                |                                |                                |                                |                                |                                |
| Antimony                                             | ND(6.00)                       | ND(6.00)                       | ND(6.00)                       | ND(6.00)                       | ND(6.00)                       | ND(6.00)                       |
| Arsenic                                              | 7.60                           | 11.0                           | 5.40                           | 5.40                           | 5.90                           | 5.60                           |
| Barium                                               | 63.0                           | 110                            | 61.0                           | 44.0                           | 55.0                           | 43.0                           |
| Beryllium                                            | 0.280 B                        | 0.210 B                        | 0.220 B                        | 0.180 B                        | 0.190 B                        | 0.220 B                        |
| Cadmium                                              | 0.440 B                        | 0.920                          | 0.930                          | 0.270 B                        | 0.330 B                        | 0.500                          |
| Chromium                                             | 13.0                           | 27.0                           | 12.0                           | 6.80                           | 7.10                           | 6.80                           |
| Cobalt                                               | 5.10                           | 12.0                           | 8.20                           | 5.20                           | 6.10                           | 5.30                           |
| Copper                                               | 30.0                           | 78.0                           | 46.0                           | 20.0                           | 23.0                           | 23.0                           |
| Cyanide                                              | 0.290                          | 0.300                          | 0.160                          | 0.0920 B                       | 0.100 B                        | 0.130                          |
| Lead                                                 | 100                            | 190                            | 150                            | 190                            | 190                            | 210                            |
| Mercury                                              | 0.130                          | 0.130                          | 0.170                          | 0.280                          | 0.360                          | 0.350                          |
| Nickel                                               | 11.0                           | 23.0                           | 18.0                           | 9.50                           | 10.0                           | 10.0                           |
| Selenium                                             | ND(1.00) J                     | ND(1.00) J                     | ND(1.00) J                     | ND(1.00) J                     | ND(1.00) J                     | 0.560 J                        |
| Silver                                               | ND(1.00)                       | ND(1.00)                       | ND(1.00)                       | ND(1.00)                       | ND(1.00)                       | 0.120 B                        |
| Sulfide                                              | 9.10                           | ND(6.10)                       | 28.0                           | ND(5.40)                       | 8.70                           | 26.0                           |
| Thallium                                             | ND(1.10)                       | ND(1.20)                       | ND(1.20)                       | ND(1.10) J                     | ND(1.10) J                     | ND(1.10) J                     |
| Tin                                                  | ND(10.0)                       | 30.0                           | ND(10.0)                       | ND(10.0)                       | ND(10.0)                       | ND(10.0)                       |
| Vanadium                                             | 12.0                           | 12.0                           | 11.0                           | 8.20                           | 8.20                           | 8.30                           |
| Zinc                                                 | 99.0                           | 2300                           | 390                            | 71.0                           | 83.0                           | 130                            |



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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
 (Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-31-SB-3<br>1-3<br>07/07/03 | 19-9-32-SB-2<br>0-1<br>07/07/03 | 19-9-32-SB-2<br>1-3<br>07/07/03 | 19-9-32-SB-3<br>0-1<br>07/07/03 | 19-9-32-SB-3<br>1-3<br>07/07/03 | 19-9-33-SB-2<br>0-1<br>07/08/03 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Volatiles Organics</b>                            |                                 |                                 |                                 |                                 |                                 |                                 |
| 1,1,1,2-Tetrachloroethane                            | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| 1,1,1-Trichloroethane                                | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| 1,1,2,2-Tetrachloroethane                            | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| 1,1,2-Trichloroethane                                | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| 1,1-Dichloroethane                                   | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| 1,1-Dichloroethene                                   | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| 1,2,3-Trichloropropane                               | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| 1,2-Dibromo-3-chloropropane                          | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| 1,2-Dibromoethane                                    | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| 1,2-Dichloroethane                                   | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| 1,2-Dichloropropane                                  | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| 1,4-Dioxane                                          | ND(0.11) J                      | ND(0.13) J                      | ND(0.16) J                      | ND(0.10) J                      | ND(0.10) J                      | ND(0.10) J                      |
| 2-Butanone                                           | ND(0.011)                       | ND(0.013)                       | ND(0.016)                       | ND(0.010)                       | ND(0.010) J                     | ND(0.010)                       |
| 2-Chloro-1,3-butadiene                               | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| 2-Chloroethylvinylether                              | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| 2-Hexanone                                           | ND(0.011)                       | ND(0.013)                       | ND(0.016)                       | ND(0.010)                       | ND(0.010) J                     | ND(0.010)                       |
| 3-Chloropropene                                      | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| 4-Methyl-2-pentanone                                 | ND(0.011)                       | ND(0.013)                       | ND(0.016)                       | ND(0.010)                       | ND(0.010) J                     | ND(0.010)                       |
| Acetone                                              | 0.025                           | 0.033                           | ND(0.032)                       | 0.022                           | 0.055 J                         | ND(0.021)                       |
| Acetonitrile                                         | ND(0.11) J                      | ND(0.13) J                      | ND(0.16) J                      | ND(0.10) J                      | ND(0.10) J                      | ND(0.10) J                      |
| Acrolein                                             | ND(0.11) J                      | ND(0.13) J                      | ND(0.16) J                      | ND(0.10) J                      | ND(0.10) J                      | ND(0.10) J                      |
| Acrylonitrile                                        | ND(0.0054)                      | ND(0.0067) J                    | ND(0.0080) J                    | ND(0.0052) J                    | ND(0.0052) J                    | ND(0.0052) J                    |
| Benzene                                              | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| Bromodichloromethane                                 | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| Bromoform                                            | ND(0.0054)                      | ND(0.0067) J                    | ND(0.0080) J                    | ND(0.0052) J                    | ND(0.0052) J                    | ND(0.0052) J                    |
| Bromomethane                                         | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| Carbon Disulfide                                     | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| Carbon Tetrachloride                                 | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| Chlorobenzene                                        | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| Chloroethane                                         | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| Chloroform                                           | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| Chloromethane                                        | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| cis-1,3-Dichloropropene                              | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| Dibromochloromethane                                 | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| Dibromomethane                                       | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| Dichlorodifluoromethane                              | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| Ethyl Methacrylate                                   | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| Ethylbenzene                                         | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| Iodomethane                                          | ND(0.0054) J                    | ND(0.0067) J                    | ND(0.0080) J                    | ND(0.0052) J                    | ND(0.0052) J                    | ND(0.0052) J                    |
| Isobutanol                                           | ND(0.11) J                      | ND(0.13) J                      | ND(0.16) J                      | ND(0.10) J                      | ND(0.10) J                      | ND(0.10) J                      |
| Methacrylonitrile                                    | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| Methyl Methacrylate                                  | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| Methylene Chloride                                   | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| Propionitrile                                        | ND(0.011)                       | ND(0.013)                       | ND(0.016)                       | ND(0.010)                       | ND(0.010) J                     | ND(0.010)                       |
| Styrene                                              | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| Tetrachloroethene                                    | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052) J                    |
| Toluene                                              | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| trans-1,2-Dichloroethene                             | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| trans-1,3-Dichloropropene                            | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| trans-1,4-Dichloro-2-butene                          | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| Trichloroethene                                      | ND(0.0054)                      | ND(0.0067) J                    | ND(0.0080) J                    | ND(0.0052) J                    | ND(0.0052) J                    | ND(0.0052)                      |
| Trichlorofluoromethane                               | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| Vinyl Acetate                                        | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| Vinyl Chloride                                       | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| Xylenes (total)                                      | ND(0.0054)                      | ND(0.0067)                      | ND(0.0080)                      | ND(0.0052)                      | ND(0.0052) J                    | ND(0.0052)                      |
| <b>Semivolatile Organics</b>                         |                                 |                                 |                                 |                                 |                                 |                                 |
| 1,2,4,5-Tetrachlorobenzene                           | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| 1,2,4-Trichlorobenzene                               | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| 1,2-Dichlorobenzene                                  | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| 1,2-Diphenylhydrazine                                | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Parameter<br>Date Collected: | 19-9-31-SB-3<br>1-3<br>07/07/03 | 19-9-32-SB-2<br>0-1<br>07/07/03 | 19-9-32-SB-2<br>1-3<br>07/07/03 | 19-9-32-SB-3<br>0-1<br>07/07/03 | 19-9-32-SB-3<br>1-3<br>07/07/03 | 19-9-33-SB-2<br>0-1<br>07/08/03 |
|-------------------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>                          |                                 |                                 |                                 |                                 |                                 |                                 |
| 1,3,5-Trinitrobenzene                                             | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| 1,3-Dichlorobenzene                                               | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| 1,3-Dinitrobenzene                                                | ND(0.72) J                      | ND(0.90) J                      | R                               | ND(0.69) J                      | ND(0.70)                        | ND(0.70)                        |
| 1,4-Dichlorobenzene                                               | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| 1,4-Naphthoquinone                                                | ND(0.72)                        | ND(0.90)                        | R                               | ND(0.69)                        | ND(0.70)                        | ND(0.70)                        |
| 1-Naphthylamine                                                   | ND(0.72)                        | ND(0.90)                        | R                               | ND(0.69)                        | ND(0.70)                        | ND(0.70)                        |
| 2,3,4,6-Tetrachlorophenol                                         | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| 2,4,5-Trichlorophenol                                             | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| 2,4,6-Trichlorophenol                                             | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| 2,4-Dichlorophenol                                                | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| 2,4-Dimethylphenol                                                | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| 2,4-Dinitrophenol                                                 | ND(1.8) J                       | ND(2.3) J                       | R                               | ND(1.8) J                       | ND(1.8) J                       | ND(1.8) J                       |
| 2,4-Dinitrotoluene                                                | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| 2,6-Dichlorophenol                                                | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| 2,6-Dinitrotoluene                                                | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| 2-Acetylaminofluorene                                             | ND(0.72)                        | ND(0.90)                        | R                               | ND(0.69)                        | ND(0.70)                        | ND(0.70)                        |
| 2-Chloronaphthalene                                               | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| 2-Chlorophenol                                                    | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| 2-Methylnaphthalene                                               | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | 1.2                             | ND(0.35)                        |
| 2-Methylphenol                                                    | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| 2-Naphthylamine                                                   | ND(0.72)                        | ND(0.90)                        | R                               | ND(0.69)                        | ND(0.70)                        | ND(0.70)                        |
| 2-Nitroaniline                                                    | ND(1.8)                         | ND(2.3)                         | R                               | ND(1.8)                         | ND(1.8)                         | ND(1.8)                         |
| 2-Nitrophenol                                                     | ND(0.72)                        | ND(0.90)                        | R                               | ND(0.69)                        | ND(0.70)                        | ND(0.70)                        |
| 2-Picoline                                                        | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| 3&4-Methylphenol                                                  | ND(0.72)                        | ND(0.90)                        | R                               | ND(0.69)                        | ND(0.70)                        | ND(0.70)                        |
| 3,3'-Dichlorobenzidine                                            | ND(0.72)                        | ND(0.90)                        | R                               | ND(0.69)                        | ND(0.70)                        | ND(0.70)                        |
| 3,3'-Dimethylbenzidine                                            | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| 3-Methylcholanthrene                                              | ND(0.72)                        | ND(0.90)                        | R                               | ND(0.69)                        | ND(0.70)                        | ND(0.70)                        |
| 3-Nitroaniline                                                    | ND(1.8)                         | ND(2.3)                         | R                               | ND(1.8)                         | ND(1.8)                         | ND(1.8)                         |
| 4,6-Dinitro-2-methylphenol                                        | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| 4-Aminobiphenyl                                                   | ND(0.72)                        | ND(0.90)                        | R                               | ND(0.69)                        | ND(0.70)                        | ND(0.70)                        |
| 4-Bromophenyl-phenylether                                         | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| 4-Chloro-3-Methylphenol                                           | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| 4-Chloroaniline                                                   | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| 4-Chlorobenzilate                                                 | ND(0.72)                        | ND(0.90)                        | R                               | ND(0.69)                        | ND(0.70)                        | ND(0.70)                        |
| 4-Chlorophenyl-phenylether                                        | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| 4-Nitroaniline                                                    | ND(1.8)                         | ND(2.3)                         | R                               | ND(1.8)                         | ND(1.8)                         | ND(1.8)                         |
| 4-Nitrophenol                                                     | ND(1.8) J                       | ND(2.3) J                       | R                               | ND(1.8) J                       | ND(1.8) J                       | ND(1.8) J                       |
| 4-Nitroquinoline-1-oxide                                          | ND(0.72)                        | ND(0.90)                        | R                               | ND(0.69)                        | ND(0.70)                        | ND(0.70)                        |
| 4-Phenylenediamine                                                | ND(0.72)                        | ND(0.90)                        | R                               | ND(0.69)                        | ND(0.70)                        | ND(0.70)                        |
| 5-Nitro-o-toluidine                                               | ND(0.72)                        | ND(0.90)                        | R                               | ND(0.69)                        | ND(0.70)                        | ND(0.70)                        |
| 7,12-Dimethylbenz(a)anthracene                                    | ND(0.72)                        | ND(0.90)                        | R                               | ND(0.69)                        | ND(0.70)                        | ND(0.70)                        |
| a,a'-Dimethylphenethylamine                                       | ND(0.72)                        | ND(0.90)                        | R                               | ND(0.69)                        | ND(0.70)                        | ND(0.70)                        |
| Acenaphthene                                                      | ND(0.36)                        | ND(0.45)                        | 1.5 J                           | ND(0.34)                        | 0.86 J                          | ND(0.35)                        |
| Acenaphthylene                                                    | 0.12 J                          | 0.10 J                          | R                               | ND(0.34)                        | 3.8                             | ND(0.35)                        |
| Acetophenone                                                      | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| Aniline                                                           | 0.10 J                          | ND(0.45)                        | 0.22 J                          | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| Anthracene                                                        | 0.074 J                         | ND(0.45)                        | R                               | ND(0.34)                        | 3.6                             | ND(0.35)                        |
| Aramite                                                           | ND(0.72)                        | ND(0.90)                        | R                               | ND(0.69)                        | ND(0.70)                        | ND(0.70)                        |
| Benzidine                                                         | ND(0.72)                        | ND(0.90)                        | R                               | ND(0.69)                        | ND(0.70)                        | ND(0.70)                        |
| Benzo(a)anthracene                                                | 0.18 J                          | ND(0.45)                        | R                               | ND(0.34)                        | 8.4                             | 0.14 J                          |
| Benzo(a)pyrene                                                    | 0.21 J                          | ND(0.45)                        | R                               | ND(0.34)                        | 8.3                             | 0.20 J                          |
| Benzo(b)fluoranthene                                              | 0.18 J                          | ND(0.45)                        | R                               | ND(0.34)                        | 5.7                             | 0.13 J                          |
| Benzo(g,h,i)perylene                                              | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | 5.4                             | 0.17 J                          |
| Benzo(k)fluoranthene                                              | 0.21 J                          | ND(0.45)                        | R                               | ND(0.34)                        | 7.5                             | 0.088 J                         |
| Benzyl Alcohol                                                    | ND(0.72)                        | ND(0.90)                        | R                               | ND(0.69)                        | ND(0.70)                        | ND(0.70)                        |
| bis(2-Chloroethoxy)methane                                        | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| bis(2-Chloroethyl)ether                                           | ND(0.36) J                      | ND(0.45) J                      | R                               | ND(0.34) J                      | ND(0.35) J                      | ND(0.35) J                      |
| bis(2-Chloroisopropyl)ether                                       | ND(0.36) J                      | ND(0.45) J                      | R                               | ND(0.34) J                      | ND(0.35)                        | ND(0.35) J                      |
| bis(2-Ethylhexyl)phthalate                                        | ND(0.36)                        | ND(0.44)                        | R                               | ND(0.34)                        | ND(0.34)                        | ND(0.34)                        |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Parameter<br>Date Collected: | 19-9-31-SB-3<br>1-3<br>07/07/03 | 19-9-32-SB-2<br>0-1<br>07/07/03 | 19-9-32-SB-2<br>1-3<br>07/07/03 | 19-9-32-SB-3<br>0-1<br>07/07/03 | 19-9-32-SB-3<br>1-3<br>07/07/03 | 19-9-33-SB-2<br>0-1<br>07/08/03 |
|-------------------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>                          |                                 |                                 |                                 |                                 |                                 |                                 |
| Butylbenzylphthalate                                              | ND(0.36)                        | 0.52                            | R                               | 0.50                            | ND(0.35)                        | ND(0.35)                        |
| Chrysene                                                          | 0.20 J                          | ND(0.45)                        | R                               | ND(0.34)                        | 9.2                             | 0.19 J                          |
| Diallate                                                          | ND(0.72)                        | ND(0.90)                        | R                               | ND(0.69)                        | ND(0.70)                        | ND(0.70)                        |
| Dibenzo(a,h)anthracene                                            | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | 1.1                             | ND(0.35)                        |
| Dibenzofuran                                                      | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | 0.84                            | ND(0.35)                        |
| Diethylphthalate                                                  | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| Dimethylphthalate                                                 | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| Di-n-Butylphthalate                                               | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| Di-n-Octylphthalate                                               | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| Diphenylamine                                                     | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| Ethyl Methanesulfonate                                            | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| Fluoranthene                                                      | 0.42                            | 0.15 J                          | 0.14 J                          | 0.081 J                         | 19                              | 0.31 J                          |
| Fluorene                                                          | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | 1.8                             | ND(0.35)                        |
| Hexachlorobenzene                                                 | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| Hexachlorobutadiene                                               | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| Hexachlorocyclopentadiene                                         | ND(0.36) J                      | ND(0.45) J                      | R                               | ND(0.34) J                      | ND(0.35) J                      | ND(0.35) J                      |
| Hexachloroethane                                                  | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| Hexachlorophene                                                   | ND(0.72) J                      | ND(0.90) J                      | R                               | ND(0.69) J                      | ND(0.70) J                      | ND(0.70) J                      |
| Hexachloropropene                                                 | ND(0.36) J                      | ND(0.45) J                      | R                               | ND(0.34) J                      | ND(0.35) J                      | ND(0.35) J                      |
| Indeno(1,2,3-cd)pyrene                                            | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | 4.2                             | 0.10 J                          |
| Isodrin                                                           | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| Isophorone                                                        | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| Isosafrole                                                        | ND(0.72)                        | ND(0.90)                        | R                               | ND(0.69)                        | ND(0.70)                        | ND(0.70)                        |
| Methapyrilene                                                     | ND(0.72)                        | ND(0.90)                        | R                               | ND(0.69)                        | ND(0.70)                        | ND(0.70)                        |
| Methyl Methanesulfonate                                           | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| Naphthalene                                                       | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | 1.2                             | ND(0.35)                        |
| Nitrobenzene                                                      | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| N-Nitrosodiethylamine                                             | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| N-Nitrosodimethylamine                                            | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| N-Nitroso-di-n-butylamine                                         | ND(0.72)                        | ND(0.90)                        | R                               | ND(0.69)                        | ND(0.70)                        | ND(0.70)                        |
| N-Nitroso-di-n-propylamine                                        | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| N-Nitrosodiphenylamine                                            | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| N-Nitrosomethylethylamine                                         | ND(0.72)                        | ND(0.90)                        | R                               | ND(0.69)                        | ND(0.70)                        | ND(0.70)                        |
| N-Nitrosomorpholine                                               | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| N-Nitrosopiperidine                                               | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| N-Nitrosopyrrolidine                                              | ND(0.72)                        | ND(0.90)                        | R                               | ND(0.69)                        | ND(0.70)                        | ND(0.70)                        |
| o,o,o-Triethylphosphorothioate                                    | ND(0.36) J                      | ND(0.45) J                      | R                               | ND(0.34) J                      | ND(0.35) J                      | ND(0.35) J                      |
| o-Toluidine                                                       | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| p-Dimethylaminoazobenzene                                         | ND(0.72)                        | ND(0.90)                        | R                               | ND(0.69)                        | ND(0.70)                        | ND(0.70)                        |
| Pentachlorobenzene                                                | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35) J                      | ND(0.35)                        |
| Pentachloroethane                                                 | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| Pentachloronitrobenzene                                           | ND(0.72) J                      | ND(0.90) J                      | R                               | ND(0.69) J                      | ND(0.70)                        | ND(0.70)                        |
| Pentachlorophenol                                                 | ND(1.8)                         | ND(2.3)                         | R                               | ND(1.8)                         | ND(1.8)                         | ND(1.8)                         |
| Phenacetin                                                        | ND(0.72)                        | ND(0.90)                        | R                               | ND(0.69)                        | ND(0.70)                        | ND(0.70)                        |
| Phenanthrene                                                      | 0.34 J                          | 0.098 J                         | R                               | ND(0.34)                        | 13                              | 0.13 J                          |
| Phenol                                                            | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | 0.20 J                          |
| Pronamide                                                         | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| Pyrene                                                            | 0.35 J                          | 0.15 J                          | 0.15 J                          | 0.084 J                         | 23                              | 0.29 J                          |
| Pyridine                                                          | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |
| Safrole                                                           | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35) J                      |
| Thionazin                                                         | ND(0.36)                        | ND(0.45)                        | R                               | ND(0.34)                        | ND(0.35)                        | ND(0.35)                        |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 9-9-31-SB-3<br>1-3<br>07/07/03 | 9-9-32-SB-2<br>0-1<br>07/07/03 | 9-9-32-SB-2<br>1-3<br>07/07/03 | 9-9-32-SB-3<br>0-1<br>07/07/03 | 9-9-32-SB-3<br>1-3<br>07/07/03 | 9-9-33-SB-2<br>0-1<br>07/08/03 |
|------------------------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| <b>Furans</b>                                        |                                |                                |                                |                                |                                |                                |
| 2,3,7,8-TCDF                                         | 0.000027 Y                     | 0.0000028 Y                    | ND(0.00027) XY                 | 0.0000040 Y                    | 0.000016 Y                     | ND(0.0000010)                  |
| TCDFs (total)                                        | 0.00016                        | 0.0000034                      | 0.00046                        | 0.000018                       | 0.00014                        | 0.000019                       |
| 1,2,3,7,8-PeCDF                                      | 0.000011                       | 0.0000033                      | 0.00036 I                      | ND(0.0000078)                  | ND(0.000015) X                 | ND(0.0000011)                  |
| 2,3,4,7,8-PeCDF                                      | 0.000010                       | ND(0.0000019) X                | 0.000072                       | 0.0000021                      | 0.000014                       | ND(0.0000038) X                |
| PeCDFs (total)                                       | 0.000088                       | 0.000035                       | 0.00060                        | 0.000021                       | 0.00028                        | 0.00013                        |
| 1,2,3,4,7,8-HxCDF                                    | 0.00011 I                      | 0.000033 I                     | 0.0042 I                       | 0.000018 I                     | 0.00020 I                      | 0.000032 I                     |
| 1,2,3,6,7,8-HxCDF                                    | 0.0000094                      | 0.0000033                      | 0.00015                        | ND(0.0000026) X                | 0.000015                       | ND(0.0000037) X                |
| 1,2,3,7,8,9-HxCDF                                    | ND(0.0000010)                  | ND(0.0000074)                  | ND(0.000022) X                 | ND(0.0000080)                  | ND(0.0000097)                  | ND(0.0000061)                  |
| 2,3,4,6,7,8-HxCDF                                    | ND(0.0000045) X                | 0.0000022                      | 0.000054                       | ND(0.0000011) X                | 0.000013                       | ND(0.0000059) X                |
| HxCDFs (total)                                       | 0.00022                        | 0.000081                       | 0.0058                         | 0.000034                       | 0.00048                        | 0.00014                        |
| 1,2,3,4,6,7,8-HpCDF                                  | 0.000035                       | 0.000029                       | 0.00044                        | 0.000021                       | 0.00010                        | 0.000039                       |
| 1,2,3,4,7,8,9-HpCDF                                  | ND(0.0000056) X                | 0.0000074                      | 0.00015                        | 0.0000043                      | 0.0000085                      | ND(0.0000077)                  |
| HpCDFs (total)                                       | 0.000035                       | 0.000036                       | 0.00062                        | 0.000025                       | 0.00012                        | 0.000039                       |
| OCDF                                                 | 0.000072                       | 0.000028                       | 0.00043                        | 0.00013                        | 0.00025                        | 0.00013                        |
| <b>Dioxins</b>                                       |                                |                                |                                |                                |                                |                                |
| 2,3,7,8-TCDD                                         | ND(0.0000069) J                | ND(0.0000065) J                | ND(0.0000028)                  | ND(0.0000062) J                | ND(0.0000055) J                | ND(0.0000050) J                |
| TCDDs (total)                                        | 0.0000060 J                    | ND(0.0000065) J                | 0.000087                       | ND(0.0000062) J                | ND(0.0000055) J                | ND(0.0000050) J                |
| 1,2,3,7,8-PeCDD                                      | ND(0.0000012)                  | ND(0.0000010)                  | ND(0.000017)                   | ND(0.0000084)                  | ND(0.0000011)                  | ND(0.0000070)                  |
| PeCDDs (total)                                       | ND(0.0000012)                  | ND(0.0000010)                  | ND(0.000017)                   | ND(0.0000084)                  | ND(0.0000011)                  | ND(0.0000070)                  |
| 1,2,3,4,7,8-HxCDD                                    | ND(0.0000085)                  | ND(0.0000085)                  | 0.000058                       | ND(0.0000070)                  | ND(0.0000011)                  | ND(0.0000018) X                |
| 1,2,3,6,7,8-HxCDD                                    | ND(0.0000077)                  | 0.0000022                      | 0.000061                       | ND(0.0000064)                  | 0.0000046                      | 0.0000049                      |
| 1,2,3,7,8,9-HxCDD                                    | ND(0.0000078)                  | ND(0.0000039) X                | 0.000056                       | ND(0.0000064)                  | 0.0000035                      | 0.0000047                      |
| HxCDDs (total)                                       | 0.0000026                      | 0.0000022                      | 0.00017                        | ND(0.0000064)                  | 0.0000081                      | 0.0000096                      |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.000015                       | 0.000060                       | 0.00032                        | 0.000010                       | 0.000019                       | 0.00016                        |
| HpCDDs (total)                                       | 0.000030                       | 0.00016                        | 0.00063                        | 0.000021                       | 0.000041                       | 0.00024                        |
| OCDD                                                 | 0.000091                       | 0.000052                       | 0.00084                        | 0.000076                       | 0.00010                        | 0.00012                        |
| Total TEQs (WHO TEFs)                                | 0.000022                       | 0.0000071                      | 0.00055                        | 0.000047                       | 0.000035                       | 0.0000085                      |
| <b>Inorganics</b>                                    |                                |                                |                                |                                |                                |                                |
| Antimony                                             | ND(6.00)                       | ND(6.00)                       | ND(6.00)                       | ND(6.00)                       | ND(6.00)                       | 0.920 B                        |
| Arsenic                                              | 6.80                           | 3.30                           | 6.60                           | 5.00                           | 4.60                           | 2.60                           |
| Barium                                               | 49.0                           | 56.0                           | 43.0                           | 38.0                           | 30.0                           | 22.0                           |
| Beryllium                                            | 0.200 B                        | 0.200 B                        | 0.240 B                        | 0.150 B                        | 0.140 B                        | 0.140 B                        |
| Cadmium                                              | 0.340 B                        | 0.680                          | 8.80                           | 0.480 B                        | 0.430 B                        | 0.480 B                        |
| Chromium                                             | 8.20                           | 10.0                           | 30.0                           | 7.60                           | 6.00                           | 7.80                           |
| Cobalt                                               | 6.30                           | 6.00                           | 5.70                           | 6.90                           | 5.50                           | 4.10 B                         |
| Copper                                               | 24.0                           | 26.0                           | 220                            | 21.0                           | 20.0                           | 19.0                           |
| Cyanide                                              | 0.170                          | 0.710                          | 0.460                          | 0.100                          | 0.0940 B                       | 0.130 B                        |
| Lead                                                 | 220                            | 35.0                           | 240                            | 100                            | 67.0                           | 33.0                           |
| Mercury                                              | 0.390                          | 0.0480 B                       | 0.700                          | 0.100 B                        | 1.50                           | 0.0580 B                       |
| Nickel                                               | 12.0                           | 13.0                           | 46.0                           | 12.0                           | 9.40                           | 9.70                           |
| Selenium                                             | ND(1.00) J                     | ND(1.00) J                     | ND(1.20) J                     | ND(1.00) J                     | ND(1.00) J                     | ND(1.00) J                     |
| Silver                                               | ND(1.00)                       | ND(1.00)                       | 4.30                           | ND(1.00)                       | ND(1.00)                       | ND(1.00)                       |
| Sulfide                                              | ND(5.40)                       | 1400                           | 640                            | 12.0                           | 6.60                           | 250                            |
| Thallium                                             | ND(1.10) J                     | ND(1.30) J                     | ND(1.60) J                     | ND(1.00) J                     | ND(1.00) J                     | ND(1.00) J                     |
| Tin                                                  | ND(10.0)                       | ND(10.0)                       | 41.0                           | ND(10.0)                       | ND(10.0)                       | ND(10.0)                       |
| Vanadium                                             | 9.20                           | 8.30                           | 14.0                           | 5.30                           | 5.40                           | 7.00                           |
| Zinc                                                 | 80.0                           | 150                            | 310                            | 120                            | 55.0                           | 77.0                           |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-33-SB-2<br>1-3<br>07/08/03 | 19-9-33-SB-5<br>0-1<br>07/08/03 | 19-9-33-SB-5<br>1-3<br>07/08/03 | 19-9-33-SB-6<br>0-1<br>07/08/03 | 19-9-33-SB-6<br>1-3<br>07/08/03 | 19-9-101-SB-2<br>0-1<br>06/24/03 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------|
| <b>Volatile Organics</b>                             |                                 |                                 |                                 |                                 |                                 |                                  |
| 1,1,1,2-Tetrachloroethane                            | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| 1,1,1-Trichloroethane                                | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| 1,1,2,2-Tetrachloroethane                            | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| 1,1,2-Trichloroethane                                | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| 1,1-Dichloroethane                                   | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| 1,1-Dichloroethene                                   | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| 1,2,3-Trichloropropane                               | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| 1,2-Dibromo-3-chloropropane                          | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| 1,2-Dibromoethane                                    | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| 1,2-Dichloroethane                                   | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| 1,2-Dichloropropane                                  | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| 1,4-Dioxane                                          | ND(0.11) J                      | ND(0.11) J                      | ND(0.11) J                      | ND(0.10) J                      | ND(0.10) J                      | ND(0.11) J                       |
| 2-Butanone                                           | ND(0.011)                       | ND(0.011)                       | ND(0.011)                       | ND(0.010)                       | ND(0.010)                       | ND(0.011)                        |
| 2-Chloro-1,3-butadiene                               | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| 2-Chloroethylvinylether                              | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| 2-Hexanone                                           | ND(0.011)                       | ND(0.011)                       | ND(0.011)                       | ND(0.010)                       | ND(0.010)                       | ND(0.011)                        |
| 3-Chloropropene                                      | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| 4-Methyl-2-pentanone                                 | ND(0.011)                       | ND(0.011)                       | ND(0.011)                       | ND(0.010)                       | ND(0.010)                       | ND(0.011)                        |
| Acetone                                              | ND(0.022)                       | ND(0.021)                       | ND(0.021)                       | ND(0.021)                       | ND(0.021)                       | ND(0.022)                        |
| Acetonitrile                                         | ND(0.11) J                      | ND(0.11) J                      | ND(0.11) J                      | ND(0.10) J                      | ND(0.10) J                      | ND(0.11) J                       |
| Acrolein                                             | ND(0.11) J                      | ND(0.11) J                      | ND(0.11) J                      | ND(0.10) J                      | ND(0.10) J                      | ND(0.11) J                       |
| Acrylonitrile                                        | ND(0.0055) J                    | ND(0.0054) J                    | ND(0.0053) J                    | ND(0.0052) J                    | ND(0.0052) J                    | ND(0.0056)                       |
| Benzene                                              | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| Bromodichloromethane                                 | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| Bromoform                                            | ND(0.0055) J                    | ND(0.0054) J                    | ND(0.0053) J                    | ND(0.0052) J                    | ND(0.0052) J                    | ND(0.0056)                       |
| Bromomethane                                         | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| Carbon Disulfide                                     | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| Carbon Tetrachloride                                 | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| Chlorobenzene                                        | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| Chloroethane                                         | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| Chloroform                                           | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| Chloromethane                                        | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| cis-1,3-Dichloropropene                              | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| Dibromochloromethane                                 | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| Dibromomethane                                       | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| Dichlorodifluoromethane                              | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| Ethyl Methacrylate                                   | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| Ethylbenzene                                         | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| Iodomethane                                          | ND(0.0055) J                    | ND(0.0054) J                    | ND(0.0053) J                    | ND(0.0052) J                    | ND(0.0052) J                    | ND(0.0056) J                     |
| Isobutanol                                           | ND(0.11) J                      | ND(0.11) J                      | ND(0.11) J                      | ND(0.10) J                      | ND(0.10) J                      | ND(0.11) J                       |
| Methacrylonitrile                                    | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| Methyl Methacrylate                                  | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| Methylene Chloride                                   | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| Propionitrile                                        | ND(0.011)                       | ND(0.011)                       | ND(0.011)                       | ND(0.010)                       | ND(0.010)                       | ND(0.011)                        |
| Styrene                                              | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| Tetrachloroethene                                    | ND(0.0055) J                    | ND(0.0054) J                    | ND(0.0053) J                    | ND(0.0052) J                    | ND(0.0052) J                    | ND(0.0056)                       |
| Toluene                                              | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| trans-1,2-Dichloroethene                             | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| trans-1,3-Dichloropropene                            | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| trans-1,4-Dichloro-2-butene                          | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| Trichloroethene                                      | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| Trichlorofluoromethane                               | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| Vinyl Acetate                                        | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| Vinyl Chloride                                       | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| Xylenes (total)                                      | ND(0.0055)                      | ND(0.0054)                      | ND(0.0053)                      | ND(0.0052)                      | ND(0.0052)                      | ND(0.0056)                       |
| <b>Semivolatile Organics</b>                         |                                 |                                 |                                 |                                 |                                 |                                  |
| 1,2,4,5-Tetrachlorobenzene                           | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| 1,2,4-Trichlorobenzene                               | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| 1,2-Dichlorobenzene                                  | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| 1,2-Diphenylhydrazine                                | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-33-SB-2<br>1-3<br>07/08/03 | 19-9-33-SB-5<br>0-1<br>07/08/03 | 19-9-33-SB-5<br>1-3<br>07/08/03 | 19-9-33-SB-6<br>0-1<br>07/08/03 | 19-9-33-SB-6<br>1-3<br>07/08/03 | 19-9-101-SB-2<br>0-1<br>06/24/03 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------|
| <b>Semivolatiles Organics (continued)</b>            |                                 |                                 |                                 |                                 |                                 |                                  |
| 1,3,5-Trinitrobenzene                                | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37) J                       |
| 1,3-Dichlorobenzene                                  | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| 1,3-Dinitrobenzene                                   | ND(0.73)                        | ND(0.72)                        | ND(0.71)                        | ND(0.70)                        | ND(0.70)                        | ND(0.75)                         |
| 1,4-Dichlorobenzene                                  | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| 1,4-Naphthoquinone                                   | ND(0.73)                        | ND(0.72)                        | ND(0.71)                        | ND(0.70)                        | ND(0.70)                        | ND(0.75)                         |
| 1-Naphthylamine                                      | ND(0.73)                        | ND(0.72)                        | ND(0.71)                        | ND(0.70)                        | ND(0.70)                        | ND(0.75)                         |
| 2,3,4,6-Tetrachlorophenol                            | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| 2,4,5-Trichlorophenol                                | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| 2,4,6-Trichlorophenol                                | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| 2,4-Dichlorophenol                                   | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| 2,4-Dimethylphenol                                   | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| 2,4-Dinitrophenol                                    | ND(1.9) J                       | ND(1.8) J                       | ND(1.8) J                       | ND(1.8) J                       | ND(1.8) J                       | ND(1.9) J                        |
| 2,4-Dinitrotoluene                                   | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| 2,6-Dichlorophenol                                   | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| 2,6-Dinitrotoluene                                   | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| 2-Acetylaminofluorene                                | ND(0.73)                        | ND(0.72)                        | ND(0.71)                        | ND(0.70)                        | ND(0.70)                        | ND(0.75)                         |
| 2-Chloronaphthalene                                  | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| 2-Chlorophenol                                       | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| 2-Methylnaphthalene                                  | ND(0.36)                        | ND(0.36)                        | 0.12 J                          | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| 2-Methylphenol                                       | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| 2-Naphthylamine                                      | ND(0.73)                        | ND(0.72)                        | ND(0.71)                        | ND(0.70)                        | ND(0.70)                        | ND(0.75)                         |
| 2-Nitroaniline                                       | ND(1.9)                         | ND(1.8)                         | ND(1.8)                         | ND(1.8)                         | ND(1.8)                         | ND(1.9)                          |
| 2-Nitrophenol                                        | ND(0.73)                        | ND(0.72)                        | ND(0.71)                        | ND(0.70)                        | ND(0.70)                        | ND(0.75)                         |
| 2-Picoline                                           | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| 3&4-Methylphenol                                     | ND(0.73)                        | ND(0.72)                        | ND(0.71)                        | ND(0.70)                        | ND(0.70)                        | ND(0.75)                         |
| 3,3'-Dichlorobenzidine                               | ND(0.73)                        | ND(0.72)                        | ND(0.71)                        | ND(0.70)                        | ND(0.70)                        | ND(0.75)                         |
| 3,3'-Dimethylbenzidine                               | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| 3-Methylcholanthrene                                 | ND(0.73)                        | ND(0.72)                        | ND(0.71)                        | ND(0.70)                        | ND(0.70)                        | ND(0.75)                         |
| 3-Nitroaniline                                       | ND(1.9)                         | ND(1.8)                         | ND(1.8)                         | ND(1.8)                         | ND(1.8)                         | ND(1.9)                          |
| 4,6-Dinitro-2-methylphenol                           | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| 4-Aminobiphenyl                                      | ND(0.73)                        | ND(0.72)                        | ND(0.71)                        | ND(0.70)                        | ND(0.70)                        | ND(0.75)                         |
| 4-Bromophenyl-phenylether                            | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| 4-Chloro-3-Methylphenol                              | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| 4-Chloroaniline                                      | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| 4-Chlorobenzilate                                    | ND(0.73)                        | ND(0.72)                        | ND(0.71)                        | ND(0.70)                        | ND(0.70)                        | ND(0.75)                         |
| 4-Chlorophenyl-phenylether                           | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| 4-Nitroaniline                                       | ND(1.9)                         | ND(1.8)                         | ND(1.8)                         | ND(1.8)                         | ND(1.8)                         | ND(1.9)                          |
| 4-Nitrophenol                                        | ND(1.9) J                       | ND(1.8) J                       | ND(1.8) J                       | ND(1.8) J                       | ND(1.8) J                       | ND(1.9) J                        |
| 4-Nitroquinoline-1-oxide                             | ND(0.73)                        | ND(0.72)                        | ND(0.71)                        | ND(0.70)                        | ND(0.70)                        | ND(0.75)                         |
| 4-Phenylenediamine                                   | ND(0.73)                        | ND(0.72)                        | ND(0.71)                        | ND(0.70)                        | ND(0.70)                        | ND(0.75)                         |
| 5-Nitro-o-toluidine                                  | ND(0.73)                        | ND(0.72)                        | ND(0.71)                        | ND(0.70)                        | ND(0.70)                        | ND(0.75)                         |
| 7,12-Dimethylbenz(a)anthracene                       | ND(0.73)                        | ND(0.72)                        | ND(0.71)                        | ND(0.70)                        | ND(0.70)                        | ND(0.75)                         |
| a,a'-Dimethylphenethylamine                          | ND(0.73)                        | ND(0.72)                        | ND(0.71)                        | ND(0.70)                        | ND(0.70)                        | ND(0.75) J                       |
| Acenaphthene                                         | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| Acenaphthylene                                       | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | 0.079 J                         | ND(0.37)                         |
| Acetophenone                                         | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| Aniline                                              | 0.089 J                         | 0.27 J                          | 0.24 J                          | 0.12 J                          | 0.17 J                          | ND(0.37)                         |
| Anthracene                                           | 0.14 J                          | 0.10 J                          | 0.12 J                          | ND(0.35)                        | 0.099 J                         | ND(0.37)                         |
| Aramite                                              | ND(0.73)                        | ND(0.72)                        | ND(0.71)                        | ND(0.70)                        | ND(0.70)                        | ND(0.75)                         |
| Benzidine                                            | ND(0.73)                        | ND(0.72)                        | ND(0.71)                        | ND(0.70)                        | ND(0.70)                        | ND(0.75)                         |
| Benzo(a)anthracene                                   | 0.35 J                          | 0.35 J                          | 0.45                            | 0.17 J                          | 0.29 J                          | 0.17 J                           |
| Benzo(a)pyrene                                       | 0.27 J                          | 0.36 J                          | 0.49                            | 0.19 J                          | 0.35 J                          | 0.17 J                           |
| Benzo(b)fluoranthene                                 | 0.27 J                          | 0.33 J                          | 0.35 J                          | 0.19 J                          | 0.38                            | 0.14 J                           |
| Benzo(g,h,i)perylene                                 | 0.20 J                          | 0.68                            | 1.3                             | 0.20 J                          | 0.42                            | ND(0.37)                         |
| Benzo(k)fluoranthene                                 | 0.21 J                          | 0.28 J                          | 0.19 J                          | 0.16 J                          | 0.20 J                          | 0.15 J                           |
| Benzyl Alcohol                                       | ND(0.73)                        | ND(0.72)                        | ND(0.71)                        | ND(0.70)                        | ND(0.70)                        | ND(0.75)                         |
| bis(2-Chloroethoxy)methane                           | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| bis(2-Chloroethyl)ether                              | ND(0.36) J                      | ND(0.36) J                      | ND(0.36) J                      | ND(0.35) J                      | ND(0.35) J                      | ND(0.37) J                       |
| bis(2-Chloroisopropyl)ether                          | ND(0.36) J                      | ND(0.36) J                      | ND(0.36) J                      | ND(0.35) J                      | ND(0.35) J                      | ND(0.37)                         |
| bis(2-Ethylhexyl)phthalate                           | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | 0.42                            | ND(0.34)                        | ND(0.37)                         |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | I9-9-33-SB-2<br>1-3<br>07/08/03 | I9-9-33-SB-5<br>0-1<br>07/08/03 | I9-9-33-SB-5<br>1-3<br>07/08/03 | I9-9-33-SB-6<br>0-1<br>07/08/03 | I9-9-33-SB-6<br>1-3<br>07/08/03 | I9-9-101-SB-2<br>0-1<br>06/24/03 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                 |                                 |                                 |                                 |                                 |                                  |
| Butylbenzylphthalate                                 | 0.53                            | 9.6                             | 1.7                             | 11                              | 8.9                             | ND(0.37)                         |
| Chrysene                                             | 0.37                            | 0.40                            | 0.55                            | 0.22 J                          | 0.40                            | 0.18 J                           |
| Diallate                                             | ND(0.73)                        | ND(0.72)                        | ND(0.71)                        | ND(0.70)                        | ND(0.70)                        | ND(0.75)                         |
| Dibenzo(a,h)anthracene                               | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| Dibenzofuran                                         | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| Diethylphthalate                                     | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| Dimethylphthalate                                    | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| Di-n-Butylphthalate                                  | ND(0.36)                        | 0.11 J                          | ND(0.36)                        | ND(0.35)                        | 0.073 J                         | ND(0.37)                         |
| Di-n-Octylphthalate                                  | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| Diphenylamine                                        | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| Ethyl Methanesulfonate                               | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| Fluoranthene                                         | 0.90                            | 0.78                            | 0.80                            | 0.39                            | 0.60                            | 0.35 J                           |
| Fluorene                                             | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| Hexachlorobenzene                                    | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| Hexachlorobutadiene                                  | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| Hexachlorocyclopentadiene                            | ND(0.36) J                      | ND(0.36) J                      | ND(0.36) J                      | ND(0.35) J                      | ND(0.35) J                      | ND(0.37) J                       |
| Hexachloroethane                                     | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| Hexachlorophene                                      | ND(0.73) J                      | ND(0.72) J                      | ND(0.71) J                      | ND(0.70) J                      | ND(0.70) J                      | ND(0.75) J                       |
| Hexachloropropene                                    | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| Indeno(1,2,3-cd)pyrene                               | 0.18 J                          | 0.27 J                          | 0.32 J                          | ND(0.35)                        | 0.27 J                          | ND(0.37)                         |
| Isodrin                                              | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| Isophorone                                           | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| Isosafrole                                           | ND(0.73)                        | ND(0.72)                        | ND(0.71)                        | ND(0.70)                        | ND(0.70)                        | ND(0.75)                         |
| Methapyrilene                                        | ND(0.73)                        | ND(0.72)                        | ND(0.71)                        | ND(0.70)                        | ND(0.70)                        | ND(0.75)                         |
| Methyl Methanesulfonate                              | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| Naphthalene                                          | ND(0.36)                        | ND(0.36)                        | 0.11 J                          | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| Nitrobenzene                                         | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| N-Nitrosodiethylamine                                | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| N-Nitrosodimethylamine                               | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| N-Nitroso-di-n-butylamine                            | ND(0.73)                        | ND(0.72)                        | ND(0.71)                        | ND(0.70)                        | ND(0.70)                        | ND(0.75) J                       |
| N-Nitroso-di-n-propylamine                           | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| N-Nitrosodiphenylamine                               | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| N-Nitrosomethylethylamine                            | ND(0.73)                        | ND(0.72)                        | ND(0.71)                        | ND(0.70)                        | ND(0.70)                        | ND(0.75)                         |
| N-Nitrosomorpholine                                  | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| N-Nitrosopiperidine                                  | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| N-Nitrosopyrrolidine                                 | ND(0.73)                        | ND(0.72)                        | ND(0.71)                        | ND(0.70)                        | ND(0.70)                        | ND(0.75) J                       |
| o,o,o-Triethylphosphorothioate                       | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37) J                       |
| o-Toluidine                                          | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| p-Dimethylaminoazobenzene                            | ND(0.73)                        | ND(0.72)                        | ND(0.71)                        | ND(0.70)                        | ND(0.70)                        | ND(0.75)                         |
| Pentachlorobenzene                                   | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| Pentachloroethane                                    | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| Pentachloronitrobenzene                              | ND(0.73)                        | ND(0.72)                        | ND(0.71)                        | ND(0.70)                        | ND(0.70)                        | ND(0.75)                         |
| Pentachlorophenol                                    | ND(1.9)                         | ND(1.8)                         | ND(1.8)                         | ND(1.8)                         | ND(1.8)                         | ND(1.9)                          |
| Phenacetin                                           | ND(0.73)                        | ND(0.72)                        | ND(0.71)                        | ND(0.70)                        | ND(0.70)                        | ND(0.75)                         |
| Phenanthrene                                         | 0.56                            | 0.33 J                          | 0.55                            | 0.20 J                          | 0.35                            | 0.17 J                           |
| Phenol                                               | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| Pronamide                                            | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| Pyrene                                               | 0.71                            | 0.66                            | 0.82                            | 0.33 J                          | 0.51                            | 0.34 J                           |
| Pyridine                                             | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |
| Safrole                                              | ND(0.36) J                      | ND(0.36) J                      | ND(0.36) J                      | ND(0.35) J                      | ND(0.35) J                      | ND(0.37)                         |
| Thionazin                                            | ND(0.36)                        | ND(0.36)                        | ND(0.36)                        | ND(0.35)                        | ND(0.35)                        | ND(0.37)                         |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | I9-9-33-SB-2<br>1-3<br>07/08/03 | I9-9-33-SB-5<br>0-1<br>07/08/03 | I9-9-33-SB-5<br>1-3<br>07/08/03 | I9-9-33-SB-6<br>0-1<br>07/08/03 | I9-9-33-SB-6<br>1-3<br>07/08/03 | I9-9-101-SB-2<br>0-1<br>06/24/03 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------|
| <b>Furans</b>                                        |                                 |                                 |                                 |                                 |                                 |                                  |
| 2,3,7,8-TCDF                                         | 0.000026 YEJl                   | 0.000082 YEJl                   | 0.000068 YEJl                   | 0.000031 YEJl                   | 0.000058 YEJl                   | ND(0.000018) Y                   |
| TCDFs (total)                                        | 0.00032                         | 0.0017                          | 0.0014                          | 0.00057                         | 0.00072                         | 0.000043                         |
| 1,2,3,7,8-PeCDF                                      | ND(0.000014) X                  | 0.00011                         | 0.000078                        | 0.000023                        | ND(0.000041) X                  | 0.000037                         |
| 2,3,4,7,8-PeCDF                                      | 0.000014                        | 0.000099                        | ND(0.000088) X                  | 0.000035                        | 0.000049                        | ND(0.0000013)                    |
| PeCDFs (total)                                       | 0.00044                         | 0.0022                          | 0.0020                          | 0.0021                          | 0.0020                          | 0.000037                         |
| 1,2,3,4,7,8-HxCDF                                    | 0.00012 l                       | 0.0010 l                        | 0.00061 l                       | 0.00013 l                       | 0.00023 l                       | 0.000015 l                       |
| 1,2,3,6,7,8-HxCDF                                    | 0.000013                        | 0.000094                        | 0.000087                        | ND(0.000034) X                  | 0.000049                        | 0.000041                         |
| 1,2,3,7,8,9-HxCDF                                    | ND(0.0000093)                   | 0.000030                        | ND(0.000054)                    | ND(0.000010)                    | 0.000048                        | ND(0.0000011)                    |
| 2,3,4,6,7,8-HxCDF                                    | 0.000015                        | 0.000076                        | 0.00010                         | 0.000035                        | 0.000048                        | 0.000026                         |
| HxCDFs (total)                                       | 0.00045                         | 0.0036                          | 0.0032                          | 0.0012                          | 0.0014                          | 0.000027                         |
| 1,2,3,4,6,7,8-HpCDF                                  | 0.000070                        | 0.00035                         | 0.00028                         | 0.00010                         | 0.00024                         | 0.000031                         |
| 1,2,3,4,7,8,9-HpCDF                                  | 0.0000088                       | ND(0.000023) X                  | 0.000021                        | ND(0.000084) X                  | 0.000049                        | 0.000092                         |
| HpCDFs (total)                                       | 0.000079                        | 0.00035                         | 0.00032                         | 0.00011                         | 0.00031                         | 0.000057                         |
| OCDF                                                 | 0.00027                         | 0.00039                         | 0.00055                         | 0.00016                         | 0.0013                          | 0.00024                          |
| <b>Dioxins</b>                                       |                                 |                                 |                                 |                                 |                                 |                                  |
| 2,3,7,8-TCDD                                         | ND(0.0000044)                   | ND(0.000039) X                  | ND(0.000032) X                  | ND(0.0000049)                   | ND(0.000016) X                  | ND(0.0000011)                    |
| TCDDs (total)                                        | 0.000037                        | 0.000036                        | 0.000018                        | 0.000069                        | 0.000018                        | ND(0.0000011)                    |
| 1,2,3,7,8-PeCDD                                      | ND(0.0000012)                   | 0.000023                        | 0.000015                        | ND(0.000039) X                  | 0.0000050                       | ND(0.0000024)                    |
| PeCDDs (total)                                       | ND(0.0000012)                   | 0.000023                        | 0.000015                        | ND(0.000012)                    | 0.0000050                       | ND(0.0000024)                    |
| 1,2,3,4,7,8-HxCDD                                    | ND(0.0000064)                   | 0.000011                        | 0.000082                        | 0.000032                        | 0.000034                        | ND(0.0000013)                    |
| 1,2,3,6,7,8-HxCDD                                    | 0.000011                        | 0.000051                        | 0.000032                        | 0.000013                        | 0.000011                        | ND(0.0000012)                    |
| 1,2,3,7,8,9-HxCDD                                    | 0.0000085                       | 0.000031                        | 0.000019                        | 0.000090                        | 0.000083                        | ND(0.0000012)                    |
| HxCDDs (total)                                       | 0.000020                        | 0.000093                        | 0.000060                        | 0.000025                        | 0.000022                        | ND(0.0000012)                    |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.000031                        | 0.00010                         | 0.000068                        | 0.00018                         | 0.000081                        | 0.000012                         |
| HpCDDs (total)                                       | 0.00044                         | 0.00022                         | 0.00014                         | 0.00030                         | 0.00017                         | 0.000023                         |
| OCDD                                                 | 0.0028                          | 0.00037                         | 0.00022                         | 0.0012                          | 0.00060                         | 0.000078                         |
| Total TEQs (WHO TEFs)                                | 0.000032                        | 0.00022                         | 0.00014                         | 0.000048                        | 0.000076                        | 0.000061                         |
| <b>Inorganics</b>                                    |                                 |                                 |                                 |                                 |                                 |                                  |
| Antimony                                             | 0.830 B                         | ND(6.00)                        | 0.870 B                         | ND(6.00)                        | 0.830 B                         | ND(6.00)                         |
| Arsenic                                              | 3.80                            | 6.40                            | 6.00                            | 4.20                            | 4.40                            | 6.60                             |
| Barium                                               | 77.0                            | 37.0                            | 30.0                            | 38.0                            | 30.0                            | 27.0                             |
| Beryllium                                            | 0.150 B                         | 0.150 B                         | 0.160 B                         | 0.170 B                         | 0.140 B                         | ND(0.500)                        |
| Cadmium                                              | 0.300 B                         | 0.430 B                         | 0.420 B                         | 0.660                           | 0.530                           | 0.220 J                          |
| Chromium                                             | 6.20                            | 6.00                            | 6.10                            | 9.70                            | 5.70                            | 8.10 J                           |
| Cobalt                                               | 3.40 B                          | 5.50                            | 4.40 B                          | 5.10                            | 4.00 B                          | 9.70                             |
| Copper                                               | 30.0                            | 28.0                            | 33.0                            | 32.0                            | 23.0                            | 29.0                             |
| Cyanide                                              | 0.210                           | 0.300                           | 0.190                           | 0.230                           | 0.130                           | ND(0.13)                         |
| Lead                                                 | 86.0                            | 380                             | 390                             | 220                             | 130                             | 100 J                            |
| Mercury                                              | 0.440                           | 51.0                            | 70.0                            | 3.60                            | 4.50                            | 0.0680 B                         |
| Nickel                                               | 8.90                            | 10.0                            | 11.0                            | 13.0                            | 9.60                            | 17.0                             |
| Selenium                                             | 0.630 J                         | 0.690 J                         | ND(1.00) J                      | ND(1.00) J                      | ND(1.00) J                      | 0.910 J                          |
| Silver                                               | 0.350 B                         | ND(1.00)                        | 0.120 B                         | ND(1.00)                        | ND(1.00)                        | ND(1.00) J                       |
| Sulfide                                              | 650                             | ND(5.40)                        | 87.0                            | ND(5.20)                        | ND(5.20)                        | 27.0 J                           |
| Thallium                                             | ND(1.10) J                      | ND(1.10) J                      | ND(1.10) J                      | ND(1.00) J                      | ND(1.00) J                      | ND(1.10)                         |
| Tin                                                  | ND(10.0)                        | ND(10.0)                        | ND(10.0)                        | ND(10.0)                        | ND(10.0)                        | 4.40 B                           |
| Vanadium                                             | 7.30                            | 10.0                            | 8.10                            | 12.0                            | 11.0                            | 8.80                             |
| Zinc                                                 | 130                             | 100                             | 97.0                            | 110                             | 86.0                            | 82.0                             |



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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
 (Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | I9-9-101-SB-2<br>1-3<br>06/24/03 | I9-9-101-SB-5<br>0-1<br>06/24/03 | I9-9-101-SB-5<br>1-3<br>06/24/03 | I9-10-8-SB-3<br>0-1<br>06/13/03 | I9-10-8-SB-3<br>1-3<br>06/13/03 | I9-10-8-SB-5<br>0-1<br>06/13/03 |
|------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Volatile Organics</b>                             |                                  |                                  |                                  |                                 |                                 |                                 |
| 1,1,1,2-Tetrachloroethane                            | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| 1,1,1-Trichloroethane                                | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| 1,1,2,2-Tetrachloroethane                            | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| 1,1,2-Trichloroethane                                | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| 1,1-Dichloroethane                                   | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| 1,1-Dichloroethene                                   | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| 1,2,3-Trichloropropane                               | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| 1,2-Dibromo-3-chloropropane                          | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| 1,2-Dibromoethane                                    | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| 1,2-Dichloroethane                                   | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| 1,2-Dichloropropane                                  | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| 1,4-Dioxane                                          | ND(0.11) J                       | ND(0.12) J                       | ND(0.11) J                       | ND(0.12) J                      | ND(0.12) J                      | ND(0.13) J                      |
| 2-Butanone                                           | ND(0.011)                        | ND(0.012)                        | ND(0.011)                        | ND(0.012)                       | ND(0.012)                       | ND(0.013)                       |
| 2-Chloro-1,3-butadiene                               | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| 2-Chloroethylvinylether                              | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| 2-Hexanone                                           | ND(0.011)                        | ND(0.012)                        | ND(0.011)                        | ND(0.012)                       | ND(0.012)                       | ND(0.013)                       |
| 3-Chloropropene                                      | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| 4-Methyl-2-pentanone                                 | ND(0.011)                        | ND(0.012)                        | ND(0.011)                        | ND(0.012)                       | ND(0.012)                       | ND(0.013)                       |
| Acetone                                              | ND(0.022)                        | ND(0.024)                        | ND(0.023)                        | ND(0.024)                       | ND(0.023)                       | ND(0.026)                       |
| Acetonitrile                                         | ND(0.11) J                       | ND(0.12) J                       | ND(0.11) J                       | ND(0.12) J                      | ND(0.12) J                      | ND(0.13) J                      |
| Acrolein                                             | ND(0.11) J                       | ND(0.12) J                       | ND(0.11) J                       | ND(0.12) J                      | ND(0.12) J                      | ND(0.13) J                      |
| Acrylonitrile                                        | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| Benzene                                              | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| Bromodichloromethane                                 | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| Bromoform                                            | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| Bromomethane                                         | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| Carbon Disulfide                                     | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060) J                    | ND(0.0058) J                    | ND(0.0065) J                    |
| Carbon Tetrachloride                                 | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| Chlorobenzene                                        | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| Chloroethane                                         | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| Chloroform                                           | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| Chloromethane                                        | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| cis-1,3-Dichloropropene                              | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| Dibromochloromethane                                 | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| Dibromomethane                                       | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| Dichlorodifluoromethane                              | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| Ethyl Methacrylate                                   | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| Ethylbenzene                                         | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| Iodomethane                                          | ND(0.0055) J                     | ND(0.0061) J                     | ND(0.0057) J                     | ND(0.0060) J                    | ND(0.0058) J                    | ND(0.0065) J                    |
| Isobutanol                                           | ND(0.11) J                       | ND(0.12) J                       | ND(0.11) J                       | ND(0.12) J                      | ND(0.12) J                      | ND(0.13) J                      |
| Methacrylonitrile                                    | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| Methyl Methacrylate                                  | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| Methylene Chloride                                   | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| Propionitrile                                        | ND(0.011)                        | ND(0.012)                        | ND(0.011)                        | ND(0.012)                       | ND(0.012)                       | ND(0.013)                       |
| Styrene                                              | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| Tetrachloroethene                                    | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| Toluene                                              | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| trans-1,2-Dichloroethene                             | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| trans-1,3-Dichloropropene                            | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| trans-1,4-Dichloro-2-butene                          | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| Trichloroethene                                      | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| Trichlorofluoromethane                               | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| Vinyl Acetate                                        | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| Vinyl Chloride                                       | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| Xylenes (total)                                      | ND(0.0055)                       | ND(0.0061)                       | ND(0.0057)                       | ND(0.0060)                      | ND(0.0058)                      | ND(0.0065)                      |
| <b>Semivolatile Organics</b>                         |                                  |                                  |                                  |                                 |                                 |                                 |
| 1,2,4,5-Tetrachlorobenzene                           | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| 1,2,4-Trichlorobenzene                               | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| 1,2-Dichlorobenzene                                  | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| 1,2-Diphenylhydrazine                                | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | I9-9-101-SB-2<br>1-3<br>06/24/03 | I9-9-101-SB-5<br>0-1<br>06/24/03 | I9-9-101-SB-5<br>1-3<br>06/24/03 | I9-10-8-SB-3<br>0-1<br>06/13/03 | I9-10-8-SB-3<br>1-3<br>06/13/03 | I9-10-8-SB-5<br>0-1<br>06/13/03 |
|------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                  |                                  |                                  |                                 |                                 |                                 |
| 1,3,5-Trinitrobenzene                                | ND(0.36) J                       | ND(0.41) J                       | ND(0.38) J                       | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| 1,3-Dichlorobenzene                                  | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| 1,3-Dinitrobenzene                                   | ND(0.73)                         | ND(0.82)                         | ND(0.76)                         | ND(0.81)                        | ND(0.78)                        | ND(0.88)                        |
| 1,4-Dichlorobenzene                                  | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| 1,4-Naphthoquinone                                   | ND(0.73)                         | ND(0.82)                         | ND(0.76)                         | ND(0.81)                        | ND(0.78)                        | ND(0.88)                        |
| 1-Naphthylamine                                      | ND(0.73)                         | ND(0.82)                         | ND(0.76)                         | ND(0.81)                        | ND(0.78)                        | ND(0.88)                        |
| 2,3,4,6-Tetrachlorophenol                            | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| 2,4,5-Trichlorophenol                                | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| 2,4,6-Trichlorophenol                                | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| 2,4-Dichlorophenol                                   | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| 2,4-Dimethylphenol                                   | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| 2,4-Dinitrophenol                                    | ND(1.9) J                        | ND(2.1) J                        | ND(1.9) J                        | ND(2.0) J                       | ND(2.0) J                       | ND(2.2) J                       |
| 2,4-Dinitrotoluene                                   | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| 2,6-Dichlorophenol                                   | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| 2,6-Dinitrotoluene                                   | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| 2-Acetylamino fluorene                               | ND(0.73)                         | ND(0.82)                         | ND(0.76)                         | ND(0.81)                        | ND(0.78)                        | ND(0.88)                        |
| 2-Chloronaphthalene                                  | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| 2-Chlorophenol                                       | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| 2-Methylnaphthalene                                  | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| 2-Methylphenol                                       | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | 0.25 J                          | 0.19 J                          | 0.21 J                          |
| 2-Naphthylamine                                      | ND(0.73)                         | ND(0.82)                         | ND(0.76)                         | ND(0.81)                        | ND(0.78)                        | ND(0.88)                        |
| 2-Nitroaniline                                       | ND(1.9)                          | ND(2.1)                          | ND(1.9)                          | ND(2.0)                         | ND(2.0)                         | ND(2.2)                         |
| 2-Nitrophenol                                        | ND(0.73)                         | ND(0.82)                         | ND(0.76)                         | ND(0.81)                        | ND(0.78)                        | ND(0.88)                        |
| 2-Picoline                                           | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| 3&4-Methylphenol                                     | ND(0.73)                         | ND(0.82)                         | ND(0.76)                         | 0.28 J                          | 0.25 J                          | 0.24 J                          |
| 3,3'-Dichlorobenzidine                               | ND(0.73)                         | ND(0.82)                         | ND(0.76)                         | ND(0.81)                        | ND(0.78)                        | ND(0.88)                        |
| 3,3'-Dimethylbenzidine                               | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| 3-Methylcholanthrene                                 | ND(0.73)                         | ND(0.82)                         | ND(0.76)                         | ND(0.81)                        | ND(0.78)                        | ND(0.88)                        |
| 3-Nitroaniline                                       | ND(1.9)                          | ND(2.1)                          | ND(1.9)                          | ND(2.0)                         | ND(2.0)                         | ND(2.2)                         |
| 4,6-Dinitro-2-methylphenol                           | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| 4-Aminobiphenyl                                      | ND(0.73)                         | ND(0.82)                         | ND(0.76)                         | ND(0.81)                        | ND(0.78)                        | ND(0.88)                        |
| 4-Bromophenyl-phenylether                            | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| 4-Chloro-3-Methylphenol                              | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| 4-Chloroaniline                                      | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| 4-Chlorobenzilate                                    | ND(0.73)                         | ND(0.82)                         | ND(0.76)                         | ND(0.81)                        | ND(0.78)                        | ND(0.88)                        |
| 4-Chlorophenyl-phenylether                           | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| 4-Nitroaniline                                       | ND(1.9)                          | ND(2.1)                          | ND(1.9)                          | ND(2.0)                         | ND(2.0)                         | ND(2.2)                         |
| 4-Nitrophenol                                        | ND(1.9) J                        | ND(2.1) J                        | ND(1.9) J                        | ND(2.0) J                       | ND(2.0) J                       | ND(2.2) J                       |
| 4-Nitroquinoline-1-oxide                             | ND(0.73)                         | ND(0.82)                         | ND(0.76)                         | ND(0.81)                        | ND(0.78)                        | ND(0.88)                        |
| 4-Phenylenediamine                                   | ND(0.73)                         | ND(0.82)                         | ND(0.76)                         | ND(0.81)                        | ND(0.78)                        | ND(0.88)                        |
| 5-Nitro-o-toluidine                                  | ND(0.73)                         | ND(0.82)                         | ND(0.76)                         | ND(0.81)                        | ND(0.78)                        | ND(0.88)                        |
| 7,12-Dimethylbenz(a)anthracene                       | ND(0.73)                         | ND(0.82)                         | ND(0.76)                         | ND(0.81)                        | ND(0.78)                        | ND(0.88)                        |
| a,a'-Dimethylphenethylamine                          | ND(0.73) J                       | ND(0.82) J                       | ND(0.76) J                       | ND(0.81)                        | ND(0.78)                        | ND(0.88)                        |
| Acenaphthene                                         | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | 0.094 J                         | ND(0.44)                        |
| Acenaphthylene                                       | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | 0.12 J                          | ND(0.39)                        | ND(0.44)                        |
| Acetophenone                                         | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| Aniline                                              | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| Anthracene                                           | ND(0.36)                         | 0.16 J                           | ND(0.38)                         | 1.1                             | 0.11 J                          | ND(0.44)                        |
| Aramite                                              | ND(0.73)                         | ND(0.82)                         | ND(0.76)                         | ND(0.81)                        | ND(0.78)                        | ND(0.88)                        |
| Benzidine                                            | ND(0.73)                         | ND(0.82)                         | ND(0.76)                         | ND(0.81) J                      | ND(0.78) J                      | ND(0.88) J                      |
| Benzo(a)anthracene                                   | 0.16 J                           | 0.54                             | ND(0.38)                         | 1.1                             | 0.31 J                          | ND(0.44)                        |
| Benzo(a)pyrene                                       | 0.10 J                           | 0.46                             | ND(0.38)                         | 1.0                             | 0.30 J                          | ND(0.44)                        |
| Benzo(b)fluoranthene                                 | ND(0.36)                         | 0.38 J                           | ND(0.38)                         | 1.3                             | 0.34 J                          | ND(0.44)                        |
| Benzo(g,h,i)perylene                                 | ND(0.36)                         | 0.32 J                           | ND(0.38)                         | 0.69                            | 0.23 J                          | ND(0.44)                        |
| Benzo(k)fluoranthene                                 | ND(0.36)                         | 0.45                             | ND(0.38)                         | 0.49                            | 0.12 J                          | ND(0.44)                        |
| Benzyl Alcohol                                       | ND(0.73)                         | ND(0.82)                         | ND(0.76)                         | ND(0.81)                        | 0.25 J                          | ND(0.88)                        |
| bis(2-Chloroethoxy)methane                           | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| bis(2-Chloroethyl)ether                              | ND(0.36) J                       | ND(0.41) J                       | ND(0.38) J                       | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| bis(2-Chloroisopropyl)ether                          | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| bis(2-Ethylhexyl)phthalate                           | ND(0.36)                         | ND(0.40)                         | ND(0.37)                         | ND(0.40)                        | ND(0.38)                        | ND(0.43)                        |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-101-SB-2<br>1-3<br>06/24/03 | 19-9-101-SB-5<br>0-1<br>06/24/03 | 19-9-101-SB-5<br>1-3<br>06/24/03 | 19-10-8-SB-3<br>0-1<br>06/13/03 | 19-10-8-SB-3<br>1-3<br>06/13/03 | 19-10-8-SB-5<br>0-1<br>06/13/03 |
|------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                  |                                  |                                  |                                 |                                 |                                 |
| Butylbenzylphthalate                                 | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| Chrysene                                             | 0.16 J                           | 0.53                             | ND(0.38)                         | 1.2                             | 0.23 J                          | ND(0.44)                        |
| Diallate                                             | ND(0.73)                         | ND(0.82)                         | ND(0.76)                         | ND(0.81)                        | ND(0.78)                        | ND(0.88)                        |
| Dibenzo(a,h)anthracene                               | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| Dibenzofuran                                         | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| Diethylphthalate                                     | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| Dimethylphthalate                                    | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| Di-n-Butylphthalate                                  | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| Di-n-Octylphthalate                                  | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| Diphenylamine                                        | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| Ethyl Methanesulfonate                               | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| Fluoranthene                                         | 0.33 J                           | 1.1                              | 0.11 J                           | 2.8                             | 0.51                            | 0.12 J                          |
| Fluorene                                             | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | 0.12 J                          | ND(0.44)                        |
| Hexachlorobenzene                                    | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| Hexachlorobutadiene                                  | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| Hexachlorocyclopentadiene                            | ND(0.36) J                       | ND(0.41) J                       | ND(0.38) J                       | ND(0.40) J                      | ND(0.39) J                      | ND(0.44) J                      |
| Hexachloroethane                                     | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| Hexachlorophene                                      | ND(0.73) J                       | ND(0.82) J                       | ND(0.76) J                       | ND(0.81) J                      | ND(0.78) J                      | ND(0.88) J                      |
| Hexachloropropene                                    | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| Indeno(1,2,3-cd)pyrene                               | 0.074 J                          | 0.23 J                           | ND(0.38)                         | 0.68                            | 0.17 J                          | ND(0.44)                        |
| Isodrin                                              | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| Isophorone                                           | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| Isosafrole                                           | ND(0.73)                         | ND(0.82)                         | ND(0.76)                         | ND(0.81)                        | ND(0.78)                        | ND(0.88)                        |
| Methapyrilene                                        | ND(0.73)                         | ND(0.82)                         | ND(0.76)                         | ND(0.81)                        | ND(0.78)                        | ND(0.88)                        |
| Methyl Methanesulfonate                              | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| Naphthalene                                          | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| Nitrobenzene                                         | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| N-Nitrosodiethylamine                                | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| N-Nitrosodimethylamine                               | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| N-Nitroso-di-n-butylamine                            | ND(0.73) J                       | ND(0.82) J                       | ND(0.76) J                       | ND(0.81)                        | ND(0.78)                        | ND(0.88)                        |
| N-Nitroso-di-n-propylamine                           | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| N-Nitrosodiphenylamine                               | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| N-Nitrosomethylethylamine                            | ND(0.73)                         | ND(0.82)                         | ND(0.76)                         | ND(0.81)                        | ND(0.78)                        | ND(0.88)                        |
| N-Nitrosomorpholine                                  | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| N-Nitrosopiperidine                                  | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| N-Nitrosopyrrolidine                                 | ND(0.73) J                       | ND(0.82) J                       | ND(0.76) J                       | ND(0.81)                        | ND(0.78)                        | ND(0.88)                        |
| o,o,o-Triethylphosphorothioate                       | ND(0.36) J                       | ND(0.41) J                       | ND(0.38) J                       | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| o-Toluidine                                          | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| p-Dimethylaminoazobenzene                            | ND(0.73)                         | ND(0.82)                         | ND(0.76)                         | ND(0.81)                        | 0.25 J                          | ND(0.88)                        |
| Pentachlorobenzene                                   | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| Pentachloroethane                                    | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| Pentachloronitrobenzene                              | ND(0.73)                         | ND(0.82)                         | ND(0.76)                         | ND(0.81) J                      | ND(0.78) J                      | ND(0.88) J                      |
| Pentachlorophenol                                    | ND(1.9)                          | ND(2.1)                          | ND(1.9)                          | ND(2.0)                         | ND(2.0)                         | ND(2.2)                         |
| Phenacetin                                           | ND(0.73)                         | ND(0.82)                         | ND(0.76)                         | ND(0.81)                        | ND(0.78)                        | ND(0.88)                        |
| Phenanthrene                                         | 0.18 J                           | 0.65                             | ND(0.38)                         | 1.0                             | 0.30 J                          | ND(0.44)                        |
| Phenol                                               | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | 0.66                            | 0.47                            | 0.83                            |
| Pronamide                                            | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| Pyrene                                               | 0.28 J                           | 1.0                              | 0.10 J                           | 2.6                             | 0.46                            | 0.12 J                          |
| Pyridine                                             | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| Safrole                                              | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40)                        | ND(0.39)                        | ND(0.44)                        |
| Thionazin                                            | ND(0.36)                         | ND(0.41)                         | ND(0.38)                         | ND(0.40) J                      | ND(0.39) J                      | ND(0.44) J                      |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | I9-9-101-SB-2<br>1-3<br>06/24/03 | I9-9-101-SB-5<br>0-1<br>06/24/03 | I9-9-101-SB-5<br>1-3<br>06/24/03 | I9-10-8-SB-3<br>0-1<br>06/13/03 | I9-10-8-SB-3<br>1-3<br>06/13/03 | I9-10-8-SB-5<br>0-1<br>06/13/03 |
|------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Furans</b>                                        |                                  |                                  |                                  |                                 |                                 |                                 |
| 2,3,7,8-TCDF                                         | ND(0.000027) Y                   | ND(0.000015)                     | ND(0.000020)                     | 0.000097 YI                     | ND(0.0000023)                   | ND(0.0000020)                   |
| TCDFs (total)                                        | 0.000015                         | ND(0.000015)                     | ND(0.000020)                     | 0.00013                         | 0.0000052                       | ND(0.0000020)                   |
| 1,2,3,7,8-PeCDF                                      | 0.000073                         | ND(0.000012)                     | 0.000034                         | 0.000032                        | ND(0.0000019)                   | ND(0.0000012)                   |
| 2,3,4,7,8-PeCDF                                      | 0.000044                         | ND(0.000012)                     | ND(0.000015)                     | 0.000046                        | ND(0.0000020)                   | ND(0.0000013)                   |
| PeCDFs (total)                                       | 0.000037                         | ND(0.000012)                     | 0.000025                         | 0.000054                        | 0.0000062                       | ND(0.0000012)                   |
| 1,2,3,4,7,8-HxCDF                                    | 0.000030 I                       | 0.000011 I                       | 0.000018 I                       | 0.000022 I                      | 0.000011 I                      | ND(0.0000011)                   |
| 1,2,3,6,7,8-HxCDF                                    | 0.000088                         | ND(0.000030) X                   | 0.000047                         | 0.000022                        | ND(0.0000013)                   | ND(0.0000011)                   |
| 1,2,3,7,8,9-HxCDF                                    | 0.000023                         | ND(0.000011)                     | ND(0.000015)                     | ND(0.0000036)                   | ND(0.0000017)                   | ND(0.0000014)                   |
| 2,3,4,6,7,8-HxCDF                                    | 0.000029                         | ND(0.0000094)                    | 0.000017                         | 0.000024                        | ND(0.0000015)                   | ND(0.0000012)                   |
| HxCDFs (total)                                       | 0.00010                          | 0.000011                         | 0.000050                         | 0.000064                        | 0.000015                        | ND(0.0000011)                   |
| 1,2,3,4,6,7,8-HpCDF                                  | 0.000089                         | 0.000027                         | 0.000059                         | 0.000013                        | 0.000011                        | 0.0000084                       |
| 1,2,3,4,7,8,9-HpCDF                                  | 0.000023                         | 0.000052                         | 0.000015                         | 0.000011                        | ND(0.0000010)                   | ND(0.0000017)                   |
| HpCDFs (total)                                       | 0.00013                          | 0.000032                         | 0.000084                         | 0.000015                        | 0.000011                        | 0.0000084                       |
| OCDF                                                 | 0.0010                           | 0.00017                          | 0.00058                          | ND(0.000023) X                  | 0.000016                        | ND(0.0000070) J                 |
| <b>Dioxins</b>                                       |                                  |                                  |                                  |                                 |                                 |                                 |
| 2,3,7,8-TCDD                                         | ND(0.000012)                     | ND(0.000011)                     | ND(0.000012)                     | ND(0.0000019)                   | ND(0.0000012)                   | ND(0.0000015)                   |
| TCDDs (total)                                        | ND(0.000012)                     | ND(0.000011)                     | ND(0.000012)                     | 0.000040                        | ND(0.0000012)                   | ND(0.0000015)                   |
| 1,2,3,7,8-PeCDD                                      | ND(0.000019)                     | ND(0.000018)                     | ND(0.000023)                     | ND(0.0000045)                   | ND(0.0000021)                   | ND(0.0000018)                   |
| PeCDDs (total)                                       | ND(0.000019)                     | ND(0.000018)                     | ND(0.000023)                     | ND(0.0000045)                   | ND(0.0000021)                   | ND(0.0000018)                   |
| 1,2,3,4,7,8-HxCDD                                    | ND(0.000015)                     | ND(0.000015)                     | ND(0.000013)                     | ND(0.0000042)                   | ND(0.0000018)                   | ND(0.0000018)                   |
| 1,2,3,6,7,8-HxCDD                                    | ND(0.000014)                     | ND(0.000014)                     | 0.000016                         | 0.000012                        | ND(0.0000016)                   | ND(0.0000016)                   |
| 1,2,3,7,8,9-HxCDD                                    | ND(0.000014)                     | ND(0.000014)                     | ND(0.000012)                     | 0.000015                        | ND(0.0000016)                   | ND(0.0000016)                   |
| HxCDDs (total)                                       | ND(0.000014)                     | ND(0.000014)                     | 0.000016                         | 0.000058                        | ND(0.0000016)                   | ND(0.0000016)                   |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.000026                         | 0.000033                         | 0.000026                         | 0.000014                        | 0.000012                        | 0.0000031                       |
| HpCDDs (total)                                       | 0.000026                         | 0.000033                         | 0.000045                         | 0.000028                        | 0.000021                        | 0.0000031                       |
| OCDD                                                 | 0.00021                          | 0.00023                          | 0.00016                          | 0.00010                         | 0.000075                        | ND(0.000016) X                  |
| Total TEQs (WHO TEFs)                                | 0.000012                         | 0.000041                         | 0.000063                         | 0.000070                        | 0.0000041                       | 0.0000027                       |
| <b>Inorganics</b>                                    |                                  |                                  |                                  |                                 |                                 |                                 |
| Antimony                                             | ND(6.00)                         | ND(6.00)                         | ND(6.00)                         | 2.60 B                          | ND(6.00)                        | 1.40 B                          |
| Arsenic                                              | 6.60                             | 6.00                             | 3.60                             | 23.0                            | 6.70                            | 5.30                            |
| Barium                                               | 25.0                             | 68.0                             | 46.0                             | 100                             | 36.0                            | 88.0                            |
| Beryllium                                            | ND(0.500)                        | ND(0.500)                        | ND(0.500)                        | 0.210 B                         | 0.160 B                         | 0.160 B                         |
| Cadmium                                              | 0.230 J                          | 0.480 J                          | 0.170 J                          | 0.150 B                         | ND(0.500)                       | 1.40                            |
| Chromium                                             | 6.80 J                           | 8.00 J                           | 7.80 J                           | 12.0                            | 4.60                            | 18.0                            |
| Cobalt                                               | 8.50                             | 7.10                             | 8.10                             | 8.40                            | 6.80                            | 6.40                            |
| Copper                                               | 27.0                             | 32.0                             | 19.0                             | 92.0                            | 20.0                            | 67.0                            |
| Cyanide                                              | ND(0.11)                         | 0.210                            | ND(0.11)                         | 0.160                           | 0.0930 B                        | 0.500                           |
| Lead                                                 | 76.0 J                           | 93.0 J                           | 37.0 J                           | 250                             | 40.0                            | 440                             |
| Mercury                                              | 0.0770 B                         | 0.190                            | 0.120                            | 0.500                           | 0.0920 B                        | 0.240                           |
| Nickel                                               | 17.0                             | 11.0                             | 14.0                             | 18.0                            | 9.50                            | 13.0                            |
| Selenium                                             | 0.890 J                          | 0.950 J                          | 0.740 J                          | 0.740 J                         | ND(1.00) J                      | 1.00 J                          |
| Silver                                               | 0.120 J                          | ND(1.00) J                       | 0.120 J                          | 0.140 B                         | 0.200 B                         | 0.220 B                         |
| Sulfide                                              | ND(5.50) J                       | 7.80 J                           | 9.10 J                           | ND(6.00)                        | 28.0                            | 88.0                            |
| Thallium                                             | ND(1.10)                         | ND(1.20)                         | ND(1.10)                         | ND(1.20)                        | ND(1.20)                        | ND(1.30)                        |
| Tin                                                  | 5.00 B                           | 7.00 B                           | 5.30 B                           | ND(21.0)                        | ND(10.0)                        | ND(20.0)                        |
| Vanadium                                             | 8.20                             | 8.40                             | 8.10                             | 10.0                            | 5.30                            | 11.0                            |
| Zinc                                                 | 67.0                             | 120                              | 63.0                             | 130                             | 28.0                            | 260                             |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
 (Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 9-10-8-SB-5<br>3-5<br>06/13/03 | 9-10-8-SB-9<br>0-1<br>06/16/03 | 9-10-8-SB-9<br>1-3<br>06/16/03 | 9-10-9-SB-2<br>0-1<br>06/09/03 | 9-10-9-SB-2<br>1-3<br>06/09/03 |
|------------------------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| <b>Volatile Organics</b>                             |                                |                                |                                |                                |                                |
| 1,1,1,2-Tetrachloroethane                            | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| 1,1,1-Trichloroethane                                | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| 1,1,2,2-Tetrachloroethane                            | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| 1,1,2-Trichloroethane                                | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| 1,1-Dichloroethane                                   | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| 1,1-Dichloroethene                                   | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| 1,2,3-Trichloropropane                               | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| 1,2-Dibromo-3-chloropropane                          | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| 1,2-Dibromoethane                                    | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| 1,2-Dichloroethane                                   | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| 1,2-Dichloropropane                                  | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| 1,4-Dioxane                                          | ND(0.13) J                     | ND(0.24) J [ND(0.13) J]        | ND(0.14) J                     | ND(0.12) J                     | ND(0.12) J                     |
| 2-Butanone                                           | ND(0.013)                      | ND(0.024) [0.037]              | ND(0.014)                      | ND(0.012)                      | ND(0.012)                      |
| 2-Chloro-1,3-butadiene                               | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| 2-Chloroethylvinylether                              | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| 2-Hexanone                                           | ND(0.013)                      | ND(0.024) [ND(0.013)]          | ND(0.014)                      | ND(0.012)                      | ND(0.012)                      |
| 3-Chloropropene                                      | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| 4-Methyl-2-pentanone                                 | ND(0.013)                      | ND(0.024) [ND(0.013)]          | ND(0.014)                      | ND(0.012)                      | ND(0.012)                      |
| Acetone                                              | ND(0.025)                      | ND(0.048) [0.11]               | ND(0.028)                      | ND(0.024)                      | ND(0.025)                      |
| Acetonitrile                                         | ND(0.13) J                     | ND(0.24) J [ND(0.13) J]        | ND(0.14) J                     | ND(0.12) J                     | ND(0.12) J                     |
| Acrolein                                             | ND(0.13) J                     | ND(0.24) J [ND(0.13) J]        | ND(0.14) J                     | ND(0.12) J                     | ND(0.12) J                     |
| Acrylonitrile                                        | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| Benzene                                              | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| Bromodichloromethane                                 | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| Bromoform                                            | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| Bromomethane                                         | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| Carbon Disulfide                                     | ND(0.0064) J                   | ND(0.012) J [ND(0.0064) J]     | ND(0.0071) J                   | ND(0.0061) J                   | ND(0.0063) J                   |
| Carbon Tetrachloride                                 | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| Chlorobenzene                                        | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| Chloroethane                                         | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| Chloroform                                           | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| Chloromethane                                        | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| cis-1,3-Dichloropropene                              | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| Dibromochloromethane                                 | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| Dibromomethane                                       | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| Dichlorodifluoromethane                              | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| Ethyl Methacrylate                                   | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| Ethylbenzene                                         | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| Iodomethane                                          | ND(0.0064) J                   | ND(0.012) J [ND(0.0064) J]     | ND(0.0071) J                   | ND(0.0061)                     | ND(0.0063)                     |
| Isobutanol                                           | ND(0.13) J                     | ND(0.24) J [ND(0.13) J]        | ND(0.14) J                     | ND(0.12) J                     | ND(0.12) J                     |
| Methacrylonitrile                                    | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| Methyl Methacrylate                                  | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| Methylene Chloride                                   | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| Propionitrile                                        | ND(0.013)                      | ND(0.024) [ND(0.013)]          | ND(0.014)                      | ND(0.012)                      | ND(0.012)                      |
| Styrene                                              | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| Tetrachloroethene                                    | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| Toluene                                              | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| trans-1,2-Dichloroethene                             | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| trans-1,3-Dichloropropene                            | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| trans-1,4-Dichloro-2-butene                          | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| Trichloroethene                                      | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| Trichlorofluoromethane                               | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| Vinyl Acetate                                        | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| Vinyl Chloride                                       | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| Xylenes (total)                                      | ND(0.0064)                     | ND(0.012) [ND(0.0064)]         | ND(0.0071)                     | ND(0.0061)                     | ND(0.0063)                     |
| <b>Semivolatile Organics</b>                         |                                |                                |                                |                                |                                |
| 1,2,4,5-Tetrachlorobenzene                           | ND(0.42)                       | ND(0.80) [ND(0.42)]            | R                              | ND(0.41) J                     | ND(0.42) J                     |
| 1,2,4-Trichlorobenzene                               | ND(0.42)                       | ND(0.80) [ND(0.42)]            | R                              | ND(0.41)                       | ND(0.42)                       |
| 1,2-Dichlorobenzene                                  | ND(0.42)                       | ND(0.80) [ND(0.42)]            | R                              | ND(0.41)                       | ND(0.42)                       |
| 1,2-Diphenylhydrazine                                | ND(0.42)                       | ND(0.80) [ND(0.42)]            | R                              | ND(0.41)                       | ND(0.42)                       |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | I9-10-8-SB-5<br>3-5<br>06/13/03 | I9-10-8-SB-9<br>0-1<br>06/16/03 | I9-10-8-SB-9<br>1-3<br>06/16/03 | I9-10-9-SB-2<br>0-1<br>06/09/03 | I9-10-9-SB-2<br>1-3<br>06/09/03 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                 |                                 |                                 |                                 |                                 |
| 1,3,5-Trinitrobenzene                                | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| 1,3-Dichlorobenzene                                  | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| 1,3-Dinitrobenzene                                   | ND(0.85)                        | ND(1.6) [ND(0.85)]              | R                               | ND(0.82)                        | ND(0.84)                        |
| 1,4-Dichlorobenzene                                  | ND(0.42)                        | 0.24 J [0.092 J]                | R                               | ND(0.41)                        | ND(0.42)                        |
| 1,4-Naphthoquinone                                   | ND(0.85)                        | ND(1.6) [ND(0.85)]              | R                               | ND(0.82)                        | ND(0.84)                        |
| 1-Naphthylamine                                      | ND(0.85)                        | ND(1.6) [ND(0.85)]              | R                               | ND(0.82)                        | ND(0.84)                        |
| 2,3,4,6-Tetrachlorophenol                            | ND(0.42)                        | ND(0.80) [ND(0.42)]             | ND(0.66)                        | ND(0.41)                        | ND(0.42)                        |
| 2,4,5-Trichlorophenol                                | ND(0.42)                        | ND(0.80) [ND(0.42)]             | ND(0.66)                        | ND(0.41)                        | ND(0.42)                        |
| 2,4,6-Trichlorophenol                                | ND(0.42)                        | ND(0.80) [ND(0.42)]             | ND(0.66)                        | ND(0.41)                        | ND(0.42)                        |
| 2,4-Dichlorophenol                                   | ND(0.42)                        | ND(0.80) [ND(0.42)]             | ND(0.66)                        | ND(0.41)                        | ND(0.42)                        |
| 2,4-Dimethylphenol                                   | ND(0.42)                        | ND(0.80) [ND(0.42)]             | ND(0.66)                        | ND(0.41)                        | ND(0.42)                        |
| 2,4-Dinitrophenol                                    | ND(2.2) J                       | ND(4.1) J [ND(2.2) J]           | ND(3.3)                         | ND(2.1) J                       | ND(2.1) J                       |
| 2,4-Dinitrotoluene                                   | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| 2,6-Dichlorophenol                                   | ND(0.42)                        | ND(0.80) [ND(0.42)]             | ND(0.66)                        | ND(0.41)                        | ND(0.42)                        |
| 2,6-Dinitrotoluene                                   | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| 2-Acetylaminofluorene                                | ND(0.85)                        | ND(1.6) [ND(0.85)]              | R                               | ND(0.82)                        | ND(0.84)                        |
| 2-Chloronaphthalene                                  | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| 2-Chlorophenol                                       | ND(0.42)                        | ND(0.80) [ND(0.42)]             | ND(0.66)                        | ND(0.41)                        | ND(0.42)                        |
| 2-Methylnaphthalene                                  | ND(0.42)                        | ND(0.80) [ND(0.42)]             | 0.18 J                          | ND(0.41)                        | ND(0.42)                        |
| 2-Methylphenol                                       | 0.22 J                          | 0.20 J [ND(0.42)]               | ND(0.66)                        | ND(0.41)                        | ND(0.42)                        |
| 2-Naphthylamine                                      | ND(0.85)                        | ND(1.6) [ND(0.85)]              | R                               | ND(0.82)                        | ND(0.84)                        |
| 2-Nitroaniline                                       | ND(2.2)                         | ND(4.1) [ND(2.2)]               | R                               | ND(2.1)                         | ND(2.1)                         |
| 2-Nitrophenol                                        | ND(0.85)                        | ND(1.6) [ND(0.85)]              | ND(0.95)                        | ND(0.82)                        | ND(0.84)                        |
| 2-Picoline                                           | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| 3&4-Methylphenol                                     | 0.69 J                          | 0.27 J [ND(0.85)]               | ND(0.95)                        | ND(0.82)                        | ND(0.84)                        |
| 3,3'-Dichlorobenzidine                               | ND(0.85)                        | ND(1.6) [ND(0.85)]              | R                               | ND(0.82)                        | ND(0.84)                        |
| 3,3'-Dimethylbenzidine                               | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| 3-Methylcholanthrene                                 | ND(0.85)                        | ND(1.6) [ND(0.85)]              | R                               | ND(0.82)                        | ND(0.84)                        |
| 3-Nitroaniline                                       | ND(2.2)                         | ND(4.1) [ND(2.2)]               | R                               | ND(2.1)                         | ND(2.1)                         |
| 4,6-Dinitro-2-methylphenol                           | ND(0.42)                        | ND(0.80) [ND(0.42)]             | ND(0.66)                        | ND(0.41)                        | ND(0.42)                        |
| 4-Aminobiphenyl                                      | ND(0.85)                        | ND(1.6) [ND(0.85)]              | R                               | ND(0.82)                        | ND(0.84)                        |
| 4-Bromophenyl-phenylether                            | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| 4-Chloro-3-Methylphenol                              | ND(0.42)                        | ND(0.80) [ND(0.42)]             | ND(0.66)                        | ND(0.41)                        | ND(0.42)                        |
| 4-Chloroaniline                                      | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| 4-Chlorobenzilate                                    | ND(0.85)                        | ND(1.6) [ND(0.85)]              | R                               | ND(0.82)                        | ND(0.84)                        |
| 4-Chlorophenyl-phenylether                           | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| 4-Nitroaniline                                       | ND(2.2)                         | ND(4.1) [ND(2.2)]               | R                               | ND(2.1)                         | ND(2.1)                         |
| 4-Nitrophenol                                        | ND(2.2) J                       | ND(4.1) J [ND(2.2) J]           | ND(3.3)                         | ND(2.1) J                       | ND(2.1) J                       |
| 4-Nitroquinoline-1-oxide                             | ND(0.85)                        | ND(1.6) [ND(0.85)]              | R                               | ND(0.82)                        | ND(0.84)                        |
| 4-Phenylenediamine                                   | ND(0.85)                        | ND(1.6) [ND(0.85)]              | R                               | ND(0.82)                        | ND(0.84)                        |
| 5-Nitro-o-toluidine                                  | ND(0.85)                        | ND(1.6) [ND(0.85)]              | R                               | ND(0.82)                        | ND(0.84)                        |
| 7,12-Dimethylbenz(a)anthracene                       | ND(0.85)                        | ND(1.6) [ND(0.85)]              | R                               | ND(0.82)                        | ND(0.84)                        |
| a,a'-Dimethylphenethylamine                          | ND(0.85)                        | ND(1.6) [ND(0.85)]              | R                               | ND(0.82)                        | ND(0.84)                        |
| Acenaphthene                                         | ND(0.42)                        | 0.40 J [ND(0.42)]               | 2.6 J                           | ND(0.41)                        | 0.29 J                          |
| Acenaphthylene                                       | ND(0.42)                        | 0.20 J [ND(0.42)]               | R                               | ND(0.41)                        | 0.16 J                          |
| Acetophenone                                         | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| Aniline                                              | ND(0.42)                        | 15 J [0.14 J]                   | 0.64 J                          | ND(0.41)                        | ND(0.42)                        |
| Anthracene                                           | 0.16 J                          | 0.43 J [0.099 J]                | R                               | 0.17 J                          | 0.67                            |
| Aramite                                              | ND(0.85)                        | ND(1.6) [ND(0.85)]              | R                               | ND(0.82)                        | ND(0.84)                        |
| Benzidine                                            | ND(0.85) J                      | ND(1.6) [ND(0.85)]              | R                               | ND(0.82)                        | ND(0.84)                        |
| Benzo(a)anthracene                                   | 0.40 J                          | 1.6 J [0.32 J]                  | 0.37 J                          | 0.82                            | 1.3                             |
| Benzo(a)pyrene                                       | 0.33 J                          | 1.3 J [0.32 J]                  | 0.36 J                          | 0.68                            | 1.0                             |
| Benzo(b)fluoranthene                                 | 0.39 J                          | 1.4 J [0.34 J]                  | R                               | 1.0                             | 1.4                             |
| Benzo(g,h,i)perylene                                 | 0.20 J                          | ND(0.80) [ND(0.42)]             | 0.14 J                          | ND(0.41)                        | 0.74                            |
| Benzo(k)fluoranthene                                 | 0.12 J                          | 1.3 J [0.30 J]                  | R                               | 0.38 J                          | 0.51                            |
| Benzyl Alcohol                                       | ND(0.85)                        | ND(1.6) [ND(0.85)]              | ND(1.3)                         | ND(0.82) J                      | ND(0.84) J                      |
| bis(2-Chloroethoxy)methane                           | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| bis(2-Chloroethyl)ether                              | ND(0.42)                        | ND(0.80) J [ND(0.42) J]         | R                               | ND(0.41)                        | ND(0.42)                        |
| bis(2-Chloroisopropyl)ether                          | ND(0.42)                        | ND(0.80) J [ND(0.42) J]         | R                               | ND(0.41)                        | ND(0.42)                        |
| bis(2-Ethylhexyl)phthalate                           | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | 0.35 J                          | 0.73                            |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | I9-10-8-SB-5<br>3-5<br>06/13/03 | I9-10-8-SB-9<br>0-1<br>06/16/03 | I9-10-8-SB-9<br>1-3<br>06/16/03 | I9-10-9-SB-2<br>0-1<br>06/09/03 | I9-10-9-SB-2<br>1-3<br>06/09/03 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                 |                                 |                                 |                                 |                                 |
| Butylbenzylphthalate                                 | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | 1.2                             | 0.75                            |
| Chrysene                                             | 0.41 J                          | 2.1 J [0.43 J]                  | 0.42 J                          | 0.95                            | 1.4                             |
| Diallate                                             | ND(0.85)                        | ND(1.6) [ND(0.85)]              | R                               | ND(0.82)                        | ND(0.84)                        |
| Dibenzo(a,h)anthracene                               | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| Dibenzofuran                                         | ND(0.42)                        | 0.20 J [ND(0.42)]               | R                               | ND(0.41)                        | 0.30 J                          |
| Diethylphthalate                                     | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| Dimethylphthalate                                    | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| Di-n-Butylphthalate                                  | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| Di-n-Octylphthalate                                  | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| Diphenylamine                                        | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| Ethyl Methanesulfonate                               | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| Fluoranthene                                         | 1.1                             | 0.83 J [0.83 J]                 | 0.85 J                          | 1.9                             | 3.4                             |
| Fluorene                                             | ND(0.42)                        | 0.34 J [ND(0.42)]               | R                               | ND(0.41)                        | 0.28 J                          |
| Hexachlorobenzene                                    | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| Hexachlorobutadiene                                  | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| Hexachlorocyclopentadiene                            | ND(0.42) J                      | ND(0.80) J [ND(0.42) J]         | R                               | ND(0.41) J                      | ND(0.42) J                      |
| Hexachloroethane                                     | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| Hexachlorophene                                      | ND(0.85) J                      | ND(1.6) J [ND(0.85) J]          | 0.28 J                          | ND(0.82) J                      | ND(0.84) J                      |
| Hexachloropropene                                    | ND(0.42)                        | ND(0.80) J [ND(0.42) J]         | R                               | ND(0.41)                        | ND(0.42)                        |
| Indeno(1,2,3-cd)pyrene                               | 0.22 J                          | ND(0.80) [ND(0.42)]             | 0.18 J                          | 0.51                            | 0.63                            |
| Isodrin                                              | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| Isophorone                                           | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| Isosafrole                                           | ND(0.85)                        | ND(1.6) [ND(0.85)]              | R                               | ND(0.82)                        | ND(0.84)                        |
| Methapyrene                                          | ND(0.85)                        | ND(1.6) [ND(0.85)]              | R                               | ND(0.82)                        | ND(0.84)                        |
| Methyl Methanesulfonate                              | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| Naphthalene                                          | ND(0.42)                        | 0.28 J [ND(0.42)]               | R                               | ND(0.41)                        | 0.30 J                          |
| Nitrobenzene                                         | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| N-Nitrosodiethylamine                                | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| N-Nitrosodimethylamine                               | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| N-Nitroso-di-n-butylamine                            | ND(0.85)                        | ND(1.6) [ND(0.85)]              | R                               | ND(0.82)                        | ND(0.84)                        |
| N-Nitroso-di-n-propylamine                           | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| N-Nitrosodiphenylamine                               | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| N-Nitrosomethylethylamine                            | ND(0.85)                        | ND(1.6) [ND(0.85)]              | R                               | ND(0.82)                        | ND(0.84)                        |
| N-Nitrosomorpholine                                  | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| N-Nitrosopiperidine                                  | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| N-Nitrosopyrrolidine                                 | ND(0.85)                        | ND(1.6) [ND(0.85)]              | R                               | ND(0.82)                        | ND(0.84)                        |
| o,o,o-Triethylphosphorothioate                       | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41) J                      | ND(0.42) J                      |
| o-Toluidine                                          | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| p-Dimethylaminoazobenzene                            | ND(0.85)                        | ND(1.6) [ND(0.85)]              | R                               | ND(0.82)                        | ND(0.84)                        |
| Pentachlorobenzene                                   | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41) J                      | ND(0.42) J                      |
| Pentachloroethane                                    | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| Pentachloronitrobenzene                              | ND(0.85) J                      | ND(1.6) J [ND(0.85) J]          | R                               | ND(0.82)                        | ND(0.84)                        |
| Pentachlorophenol                                    | ND(2.2)                         | ND(4.1) [ND(2.2)]               | ND(3.3)                         | ND(2.1)                         | ND(2.1)                         |
| Phenacetin                                           | ND(0.85)                        | ND(1.6) [ND(0.85)]              | R                               | ND(0.82)                        | ND(0.84)                        |
| Phenanthrene                                         | 0.58                            | 1.8 J [0.39 J]                  | 0.44 J                          | 0.90                            | 2.9                             |
| Phenol                                               | 0.86                            | 1.2 J [0.16 J]                  | 0.25 J                          | ND(0.41)                        | ND(0.42)                        |
| Pronamide                                            | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| Pyrene                                               | 0.88                            | 4.0 J [0.83 J]                  | 0.87 J                          | 1.4                             | 2.7                             |
| Pyridine                                             | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| Safrole                                              | ND(0.42)                        | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |
| Thionazin                                            | ND(0.42) J                      | ND(0.80) [ND(0.42)]             | R                               | ND(0.41)                        | ND(0.42)                        |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | I9-10-8-SB-5<br>3-5<br>06/13/03 | I9-10-8-SB-9<br>0-1<br>06/16/03 | I9-10-8-SB-9<br>1-3<br>06/16/03 | I9-10-9-SB-2<br>0-1<br>06/09/03 | I9-10-9-SB-2<br>1-3<br>06/09/03 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Furans</b>                                        |                                 |                                 |                                 |                                 |                                 |
| 2,3,7,8-TCDF                                         | 0.000013 YI                     | ND(0.000079) XY [ND(0.000025)]  | ND(0.000095) Y                  | 0.000039 Y                      | 0.000055 Y                      |
| TCDFs (total)                                        | 0.00023                         | 0.0060 J [0.00039 J]            | 0.00086                         | 0.000075 I                      | 0.000077 I                      |
| 1,2,3,7,8-PeCDF                                      | 0.0000034 I                     | 0.0016 I [ND(0.000020)]         | 0.00021 I                       | 0.0000020                       | 0.0000021                       |
| 2,3,4,7,8-PeCDF                                      | 0.0000054                       | 0.00033 [ND(0.000021)]          | 0.000036                        | 0.0000033                       | 0.0000026                       |
| PeCDFs (total)                                       | 0.00010                         | 0.0019 J [0.00025 J]            | 0.0014                          | 0.00012 I                       | 0.000068 I                      |
| 1,2,3,4,7,8-HxCDF                                    | 0.000039 I                      | 0.012 IJ [0.00021 IJ]           | 0.0012 I                        | 0.0000050                       | 0.0000034                       |
| 1,2,3,6,7,8-HxCDF                                    | 0.0000033                       | 0.00037 [ND(0.000092)]          | 0.000039                        | 0.0000051                       | 0.0000022                       |
| 1,2,3,7,8,9-HxCDF                                    | ND(0.0000047)                   | 0.00036 [ND(0.000012)]          | ND(0.000010)                    | ND(0.0000021)                   | ND(0.0000013)                   |
| 2,3,4,6,7,8-HxCDF                                    | 0.0000029                       | 0.00025 [ND(0.000010)]          | ND(0.000087)                    | 0.0000039                       | 0.0000016                       |
| HxCDFs (total)                                       | 0.000073                        | 0.020 J [0.00032 J]             | 0.0017                          | 0.00011 I                       | 0.000043 I                      |
| 1,2,3,4,6,7,8-HpCDF                                  | 0.000020                        | 0.0013 J [ND(0.000046) XJ]      | 0.00013                         | 0.000044                        | 0.000014                        |
| 1,2,3,4,7,8,9-HpCDF                                  | 0.0000016                       | 0.00036 [ND(0.000083)]          | 0.000032                        | 0.0000031                       | ND(0.0000069) X                 |
| HpCDFs (total)                                       | 0.000022                        | 0.0018 [ND(0.000064)]           | 0.00016                         | 0.00011                         | 0.000033                        |
| OCDF                                                 | 0.000022                        | 0.0013 J [0.000060 J]           | 0.00010                         | 0.000080 J                      | 0.000025                        |
| <b>Dioxins</b>                                       |                                 |                                 |                                 |                                 |                                 |
| 2,3,7,8-TCDD                                         | ND(0.0000023)                   | ND(0.000030) [ND(0.000095)]     | ND(0.000089)                    | ND(0.0000013)                   | ND(0.0000010)                   |
| TCDDs (total)                                        | 0.000022                        | 0.00014 [ND(0.000095)]          | ND(0.000089)                    | 0.000027                        | 0.000016                        |
| 1,2,3,7,8-PeCDD                                      | ND(0.0000011)                   | ND(0.00012) [ND(0.000019)]      | ND(0.000026)                    | ND(0.0000013) X                 | ND(0.00000050)                  |
| PeCDDs (total)                                       | ND(0.0000011)                   | ND(0.00012) [ND(0.000019)]      | ND(0.000026)                    | ND(0.0000057)                   | ND(0.0000054)                   |
| 1,2,3,4,7,8-HxCDD                                    | ND(0.0000042)                   | ND(0.000082) [ND(0.000016)]     | ND(0.000019)                    | 0.0000045                       | 0.0000020                       |
| 1,2,3,6,7,8-HxCDD                                    | 0.0000013                       | ND(0.000074) [ND(0.000014)]     | ND(0.000017)                    | 0.0000086                       | 0.0000023                       |
| 1,2,3,7,8,9-HxCDD                                    | 0.0000016                       | 0.00020 [ND(0.000014)]          | ND(0.000017)                    | 0.0000084                       | 0.0000022                       |
| HxCDDs (total)                                       | 0.0000052                       | 0.00020 [ND(0.000014)]          | ND(0.000017)                    | 0.000053                        | 0.000012                        |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.000025                        | 0.0022 J [0.00010 J]            | 0.00013                         | 0.00019                         | 0.000052                        |
| HpCDDs (total)                                       | 0.000043                        | 0.0039 J [0.00010 J]            | 0.00025                         | 0.00035                         | 0.000099                        |
| OCDD                                                 | 0.00019                         | 0.0075 J [0.00038 J]            | 0.00040                         | 0.0012 J                        | 0.00034                         |
| Total TEQs (WHO TEFs)                                | 0.000010                        | 0.0017 [0.000047]               | 0.00018                         | 0.0000090                       | 0.0000041                       |
| <b>Inorganics</b>                                    |                                 |                                 |                                 |                                 |                                 |
| Antimony                                             | 2.00 B                          | 5.30 J [1.10 J]                 | 1.20 J                          | 1.90 B                          | 1.50 B                          |
| Arsenic                                              | 6.60                            | 11.0 J [6.50 J]                 | 9.00 J                          | 6.10                            | 11.0                            |
| Barium                                               | 53.0                            | 120 [90.0]                      | 48.0                            | 42.0 J                          | 71.0 J                          |
| Beryllium                                            | 0.110 B                         | 0.230 B [0.170 B]               | 0.190 B                         | ND(0.500)                       | ND(0.500)                       |
| Cadmium                                              | ND(0.500)                       | 11.0 J [0.910 J]                | ND(0.500) J                     | 2.00                            | 1.30                            |
| Chromium                                             | 4.20                            | 35.0 J [9.40 J]                 | 9.70 J                          | 18.0                            | 17.0                            |
| Cobalt                                               | 5.60                            | 6.00 [4.50 B]                   | 8.80                            | 7.20                            | 11.0                            |
| Copper                                               | 50.0                            | 300 J [49.0 J]                  | 36.0 J                          | 43.0                            | 45.0                            |
| Cyanide                                              | 0.260                           | 1.30 J [0.26 J]                 | 0.0340 J                        | 0.240                           | 0.290                           |
| Lead                                                 | 170                             | 570 J [310 J]                   | 110 J                           | 100                             | 130                             |
| Mercury                                              | 0.350                           | 1.70 J [0.830 J]                | 0.230 J                         | 0.160                           | 0.240                           |
| Nickel                                               | 8.70                            | 46.0 J [11.0 J]                 | 15.0 J                          | 16.0                            | 17.0                            |
| Selenium                                             | ND(1.00) J                      | 3.00 J [ND(1.00) J]             | 0.680 J                         | ND(1.00) J                      | ND(1.00) J                      |
| Silver                                               | 0.130 B                         | 3.70 J [0.850 J]                | 0.280 J                         | ND(1.00)                        | ND(1.00)                        |
| Sulfide                                              | 77.0                            | 530 J [340 J]                   | 94.0 J                          | 31.0                            | 23.0                            |
| Thallium                                             | ND(1.30)                        | ND(2.40) [ND(1.30)]             | ND(1.40)                        | ND(1.20)                        | ND(1.20)                        |
| Tin                                                  | 22.0                            | 200 J [ND(10.0)]                | ND(12.0)                        | ND(10.0)                        | ND(10.0)                        |
| Vanadium                                             | 9.20                            | 43.0 J [10.0 J]                 | 8.70 J                          | 12.0                            | 15.0                            |
| Zinc                                                 | 74.0                            | 450 J [150 J]                   | 91.0 J                          | 230                             | 300                             |



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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | RA-1-SB-3<br>0-1<br>06/09/03 | RA-1-SB-3<br>1-3<br>06/09/03 | RA-1-SB-6<br>0-1<br>06/10/03 | RA-1-SB-6<br>1-3<br>06/10/03 | RA-2-SB-3<br>0-1<br>06/10/03 |
|------------------------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| <b>Volatile Organics</b>                             |                              |                              |                              |                              |                              |
| 1,1,1,2-Tetrachloroethane                            | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| 1,1,1-Trichloroethane                                | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| 1,1,2,2-Tetrachloroethane                            | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| 1,1,2-Trichloroethane                                | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| 1,1-Dichloroethane                                   | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| 1,1-Dichloroethene                                   | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| 1,2,3-Trichloropropane                               | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| 1,2-Dibromo-3-chloropropane                          | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| 1,2-Dibromoethane                                    | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| 1,2-Dichloroethane                                   | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| 1,2-Dichloropropane                                  | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| 1,4-Dioxane                                          | ND(0.12) J                   | ND(0.11) J [ND(0.11) J]      | ND(0.12) J                   | ND(0.11) J                   | ND(0.11) J                   |
| 2-Butanone                                           | ND(0.012)                    | ND(0.011) [ND(0.011)]        | ND(0.012)                    | ND(0.011)                    | ND(0.011)                    |
| 2-Chloro-1,3-butadiene                               | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| 2-Chloroethylvinylether                              | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| 2-Hexanone                                           | ND(0.012)                    | ND(0.011) [ND(0.011)]        | ND(0.012)                    | ND(0.011)                    | ND(0.011)                    |
| 3-Chloropropene                                      | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| 4-Methyl-2-pentanone                                 | ND(0.012)                    | ND(0.011) [ND(0.011)]        | ND(0.012)                    | ND(0.011)                    | ND(0.011)                    |
| Acetone                                              | ND(0.023)                    | ND(0.022) [ND(0.023)]        | ND(0.023)                    | ND(0.022)                    | ND(0.022)                    |
| Acetonitrile                                         | ND(0.12) J                   | ND(0.11) J [ND(0.11) J]      | ND(0.12) J                   | ND(0.11) J                   | ND(0.11) J                   |
| Acrolein                                             | ND(0.12) J                   | ND(0.11) J [ND(0.11) J]      | ND(0.12) J                   | ND(0.11) J                   | ND(0.11) J                   |
| Acrylonitrile                                        | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| Benzene                                              | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| Bromodichloromethane                                 | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| Bromoform                                            | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| Bromomethane                                         | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| Carbon Disulfide                                     | ND(0.0058) J                 | ND(0.0056) J [ND(0.0057) J]  | ND(0.0059) J                 | ND(0.0054) J                 | ND(0.0054) J                 |
| Carbon Tetrachloride                                 | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| Chlorobenzene                                        | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| Chloroethane                                         | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| Chloroform                                           | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| Chloromethane                                        | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| cis-1,3-Dichloropropene                              | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| Dibromochloromethane                                 | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| Dibromomethane                                       | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| Dichlorodifluoromethane                              | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| Ethyl Methacrylate                                   | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| Ethylbenzene                                         | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| Iodomethane                                          | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| Isobutanol                                           | ND(0.12) J                   | ND(0.11) J [ND(0.11) J]      | ND(0.12) J                   | ND(0.11) J                   | ND(0.11) J                   |
| Methacrylonitrile                                    | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| Methyl Methacrylate                                  | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| Methylene Chloride                                   | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| Propionitrile                                        | ND(0.012)                    | ND(0.011) [ND(0.011)]        | ND(0.012)                    | ND(0.011)                    | ND(0.011)                    |
| Styrene                                              | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| Tetrachloroethene                                    | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| Toluene                                              | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| trans-1,2-Dichloroethene                             | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| trans-1,3-Dichloropropene                            | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| trans-1,4-Dichloro-2-butene                          | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| Trichloroethene                                      | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| Trichlorofluoromethane                               | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| Vinyl Acetate                                        | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| Vinyl Chloride                                       | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| Xylenes (total)                                      | ND(0.0058)                   | ND(0.0056) [ND(0.0057)]      | ND(0.0059)                   | ND(0.0054)                   | ND(0.0054)                   |
| <b>Semivolatile Organics</b>                         |                              |                              |                              |                              |                              |
| 1,2,4,5-Tetrachlorobenzene                           | ND(0.38) J                   | ND(0.37) J [ND(0.38) J]      | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| 1,2,4-Trichlorobenzene                               | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| 1,2-Dichlorobenzene                                  | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| 1,2-Diphenylhydrazine                                | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Parameter<br>Date Collected: | RA-1-SB-3<br>0-1<br>06/09/03 | RA-1-SB-3<br>1-3<br>06/09/03 | RA-1-SB-6<br>0-1<br>06/10/03 | RA-1-SB-6<br>1-3<br>06/10/03 | RA-2-SB-3<br>0-1<br>06/10/03 |
|-------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| <b>Semivolatile Organics (continued)</b>                          |                              |                              |                              |                              |                              |
| 1,3,5-Trinitrobenzene                                             | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| 1,3-Dichlorobenzene                                               | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| 1,3-Dinitrobenzene                                                | ND(0.77)                     | ND(0.75) [ND(0.76)]          | ND(0.78)                     | ND(0.73)                     | ND(0.73)                     |
| 1,4-Dichlorobenzene                                               | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| 1,4-Naphthoquinone                                                | ND(0.77)                     | ND(0.75) [ND(0.76)]          | ND(0.78)                     | ND(0.73)                     | ND(0.73)                     |
| 1-Naphthylamine                                                   | ND(0.77)                     | ND(0.75) [ND(0.76)]          | ND(0.78)                     | ND(0.73)                     | ND(0.73)                     |
| 2,3,4,6-Tetrachlorophenol                                         | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39) J                   | ND(0.36) J                   | ND(0.36) J                   |
| 2,4,5-Trichlorophenol                                             | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| 2,4,6-Trichlorophenol                                             | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| 2,4-Dichlorophenol                                                | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| 2,4-Dimethylphenol                                                | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| 2,4-Dinitrophenol                                                 | ND(2.0) J                    | ND(1.9) J [ND(1.9) J]        | ND(2.0) J                    | ND(1.8) J                    | ND(1.8) J                    |
| 2,4-Dinitrotoluene                                                | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| 2,6-Dichlorophenol                                                | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| 2,6-Dinitrotoluene                                                | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| 2-Acetylaminofluorene                                             | ND(0.77)                     | ND(0.75) [ND(0.76)]          | ND(0.78)                     | ND(0.73)                     | ND(0.73)                     |
| 2-Chloronaphthalene                                               | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| 2-Chlorophenol                                                    | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| 2-Methylnaphthalene                                               | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | 0.083 J                      |
| 2-Methylphenol                                                    | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| 2-Naphthylamine                                                   | ND(0.77)                     | ND(0.75) [ND(0.76)]          | ND(0.78)                     | ND(0.73)                     | ND(0.73)                     |
| 2-Nitroaniline                                                    | ND(2.0)                      | ND(1.9) [ND(1.9)]            | ND(2.0)                      | ND(1.8)                      | ND(1.8)                      |
| 2-Nitrophenol                                                     | ND(0.77)                     | ND(0.75) [ND(0.76)]          | ND(0.78)                     | ND(0.73)                     | ND(0.73)                     |
| 2-Picoline                                                        | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| 3&4-Methylphenol                                                  | ND(0.77)                     | ND(0.75) [ND(0.76)]          | ND(0.78)                     | ND(0.73)                     | ND(0.73)                     |
| 3,3'-Dichlorobenzidine                                            | ND(0.77)                     | ND(0.75) [ND(0.76)]          | ND(0.78)                     | ND(0.73)                     | ND(0.73)                     |
| 3,3'-Dimethylbenzidine                                            | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39) J                   | ND(0.36) J                   | ND(0.36) J                   |
| 3-Methylcholanthrene                                              | ND(0.77)                     | ND(0.75) [ND(0.76)]          | ND(0.78)                     | ND(0.73)                     | ND(0.73)                     |
| 3-Nitroaniline                                                    | ND(2.0)                      | ND(1.9) [ND(1.9)]            | ND(2.0)                      | ND(1.8)                      | ND(1.8)                      |
| 4,6-Dinitro-2-methylphenol                                        | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| 4-Aminobiphenyl                                                   | ND(0.77)                     | ND(0.75) [ND(0.76)]          | ND(0.78)                     | ND(0.73)                     | ND(0.73)                     |
| 4-Bromophenyl-phenylether                                         | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| 4-Chloro-3-Methylphenol                                           | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| 4-Chloroaniline                                                   | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| 4-Chlorobenzilate                                                 | ND(0.77)                     | ND(0.75) [ND(0.76)]          | ND(0.78)                     | ND(0.73)                     | ND(0.73)                     |
| 4-Chlorophenyl-phenylether                                        | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| 4-Nitroaniline                                                    | ND(2.0)                      | ND(1.9) [ND(1.9)]            | ND(2.0)                      | ND(1.8)                      | ND(1.8)                      |
| 4-Nitrophenol                                                     | ND(2.0) J                    | ND(1.9) J [ND(1.9) J]        | ND(2.0) J                    | ND(1.8) J                    | ND(1.8) J                    |
| 4-Nitroquinoline-1-oxide                                          | ND(0.77)                     | ND(0.75) [ND(0.76)]          | ND(0.78) J                   | ND(0.73) J                   | ND(0.73) J                   |
| 4-Phenylenediamine                                                | ND(0.77)                     | ND(0.75) [ND(0.76)]          | ND(0.78)                     | ND(0.73)                     | ND(0.73)                     |
| 5-Nitro-o-toluidine                                               | ND(0.77)                     | ND(0.75) [ND(0.76)]          | ND(0.78)                     | ND(0.73)                     | ND(0.73)                     |
| 7,12-Dimethylbenz(a)anthracene                                    | ND(0.77)                     | ND(0.75) [ND(0.76)]          | ND(0.78)                     | ND(0.73)                     | ND(0.73)                     |
| a,a'-Dimethylphenethylamine                                       | ND(0.77)                     | ND(0.75) [ND(0.76)]          | ND(0.78) J                   | ND(0.73) J                   | ND(0.73) J                   |
| Acenaphthene                                                      | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| Acenaphthylene                                                    | 0.079 J                      | 0.40 [0.14 J]                | 0.15 J                       | 0.70                         | 1.2                          |
| Acetophenone                                                      | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| Aniline                                                           | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| Anthracene                                                        | 0.13 J                       | 0.48 [0.16 J]                | 0.25 J                       | 1.1                          | 0.60                         |
| Aramite                                                           | ND(0.77)                     | ND(0.75) [ND(0.76)]          | ND(0.78)                     | ND(0.73)                     | ND(0.73)                     |
| Benzidine                                                         | ND(0.77)                     | ND(0.75) [ND(0.76)]          | ND(0.78)                     | ND(0.73)                     | ND(0.73)                     |
| Benzo(a)anthracene                                                | 0.44                         | 1.3 J [0.45 J]               | 0.93                         | 4.6                          | 1.7                          |
| Benzo(a)pyrene                                                    | 0.36 J                       | 0.40 J [0.40 J]              | 0.77                         | 4.4                          | 2.6                          |
| Benzo(b)fluoranthene                                              | 0.40                         | 1.5 J [0.58 J]               | 1.1                          | 5.2                          | 3.2                          |
| Benzo(g,h,i)perylene                                              | 0.32 J                       | 1.2 J [0.36 J]               | 0.54                         | 3.2                          | 2.7                          |
| Benzo(k)fluoranthene                                              | 0.19 J                       | 0.52 J [0.19 J]              | 0.39 J                       | 1.9                          | 1.1                          |
| Benzyl Alcohol                                                    | ND(0.77) J                   | ND(0.75) J [ND(0.76) J]      | ND(0.78) J                   | ND(0.73) J                   | ND(0.73) J                   |
| bis(2-Chloroethoxy)methane                                        | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| bis(2-Chloroethyl)ether                                           | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| bis(2-Chloroisopropyl)ether                                       | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| bis(2-Ethylhexyl)phthalate                                        | 0.18 J                       | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Parameter<br>Date Collected: | RA-1-SB-3<br>0-1<br>06/09/03 | RA-1-SB-3<br>1-3<br>06/09/03 | RA-1-SB-6<br>0-1<br>06/10/03 | RA-1-SB-6<br>1-3<br>06/10/03 | RA-2-SB-3<br>0-1<br>06/10/03 |
|-------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| <b>Semivolatile Organics (continued)</b>                          |                              |                              |                              |                              |                              |
| Butylbenzylphthalate                                              | ND(0.38)                     | ND(0.37) [ND(0.38)]          | 0.29 J                       | ND(0.36)                     | 0.29 J                       |
| Chrysene                                                          | 0.52                         | 1.3 J [0.45 J]               | 1.0                          | 4.1                          | 1.6                          |
| Diallate                                                          | ND(0.77)                     | ND(0.75) [ND(0.76)]          | ND(0.78)                     | ND(0.73)                     | ND(0.73)                     |
| Dibenzo(a,h)anthracene                                            | ND(0.38)                     | 0.30 J [ND(0.38)]            | ND(0.39)                     | 0.75                         | 0.66                         |
| Dibenzofuran                                                      | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | 0.26 J                       | ND(0.36)                     |
| Diethylphthalate                                                  | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| Dimethylphthalate                                                 | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| Di-n-Butylphthalate                                               | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| Di-n-Octylphthalate                                               | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| Diphenylamine                                                     | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| Ethyl Methanesulfonate                                            | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| Fluoranthene                                                      | 1.1                          | 2.4 J [0.90 J]               | 2.5                          | 11                           | 2.9                          |
| Fluorene                                                          | ND(0.38)                     | 0.094 J [ND(0.38)]           | ND(0.39)                     | 0.13 J                       | 0.12 J                       |
| Hexachlorobenzene                                                 | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| Hexachlorobutadiene                                               | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| Hexachlorocyclopentadiene                                         | ND(0.38) J                   | ND(0.37) J [ND(0.38) J]      | ND(0.39) J                   | ND(0.36) J                   | ND(0.36) J                   |
| Hexachloroethane                                                  | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| Hexachlorophene                                                   | ND(0.77) J                   | ND(0.75) J [ND(0.76) J]      | ND(0.78) J                   | ND(0.73) J                   | ND(0.73) J                   |
| Hexachloropropene                                                 | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39) J                   | ND(0.36) J                   | ND(0.36) J                   |
| Indeno(1,2,3-cd)pyrene                                            | 0.30 J                       | 0.89 [0.31 J]                | 0.48                         | 2.8                          | 2.1                          |
| Isodrin                                                           | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| Isophorone                                                        | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| Isosafrole                                                        | ND(0.77)                     | ND(0.75) [ND(0.76)]          | ND(0.78)                     | ND(0.73)                     | ND(0.73)                     |
| Methapyrilene                                                     | ND(0.77)                     | ND(0.75) [ND(0.76)]          | ND(0.78)                     | ND(0.73)                     | ND(0.73)                     |
| Methyl Methanesulfonate                                           | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| Naphthalene                                                       | ND(0.38)                     | ND(0.37) [ND(0.38)]          | 0.098 J                      | 0.23 J                       | 0.14 J                       |
| Nitrobenzene                                                      | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| N-Nitrosodiethylamine                                             | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| N-Nitrosodimethylamine                                            | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| N-Nitroso-di-n-butylamine                                         | ND(0.77)                     | ND(0.75) [ND(0.76)]          | ND(0.78)                     | ND(0.73)                     | ND(0.73)                     |
| N-Nitroso-di-n-propylamine                                        | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| N-Nitrosodiphenylamine                                            | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| N-Nitrosomethylethylamine                                         | ND(0.77)                     | ND(0.75) [ND(0.76)]          | ND(0.78)                     | ND(0.73)                     | ND(0.73)                     |
| N-Nitrosomorpholine                                               | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| N-Nitrosopiperidine                                               | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| N-Nitrosopyrrolidine                                              | ND(0.77)                     | ND(0.75) [ND(0.76)]          | ND(0.78)                     | ND(0.73)                     | ND(0.73)                     |
| o,o,o-Triethylphosphorothioate                                    | ND(0.38) J                   | ND(0.37) J [ND(0.38) J]      | ND(0.39) J                   | ND(0.36) J                   | ND(0.36) J                   |
| o-Toluidine                                                       | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| p-Dimethylaminoazobenzene                                         | ND(0.77)                     | ND(0.75) [ND(0.76)]          | ND(0.78)                     | ND(0.73)                     | ND(0.73)                     |
| Pentachlorobenzene                                                | ND(0.38) J                   | ND(0.37) J [ND(0.38) J]      | ND(0.39) J                   | ND(0.36) J                   | ND(0.36) J                   |
| Pentachloroethane                                                 | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| Pentachloronitrobenzene                                           | ND(0.77)                     | ND(0.75) [ND(0.76)]          | ND(0.78) J                   | ND(0.73) J                   | ND(0.73) J                   |
| Pentachlorophenol                                                 | ND(2.0)                      | ND(1.9) [ND(1.9)]            | ND(2.0)                      | ND(1.8)                      | ND(1.8)                      |
| Phenacetin                                                        | ND(0.77)                     | ND(0.75) [ND(0.76)]          | ND(0.78)                     | ND(0.73)                     | ND(0.73)                     |
| Phenanthrene                                                      | 0.56                         | 1.5 J [0.51 J]               | 1.1                          | 3.9                          | 0.89                         |
| Phenol                                                            | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| Pronamide                                                         | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| Pyrene                                                            | 0.92                         | 2.1 J [0.75 J]               | 2.0                          | 11                           | 2.6                          |
| Pyridine                                                          | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| Safrole                                                           | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |
| Thionazin                                                         | ND(0.38)                     | ND(0.37) [ND(0.38)]          | ND(0.39)                     | ND(0.36)                     | ND(0.36)                     |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | RA-1-SB-3<br>0-1<br>06/09/03 | RA-1-SB-3<br>1-3<br>06/09/03        | RA-1-SB-6<br>0-1<br>06/10/03 | RA-1-SB-6<br>1-3<br>06/10/03 | RA-2-SB-3<br>0-1<br>06/10/03 |
|------------------------------------------------------|------------------------------|-------------------------------------|------------------------------|------------------------------|------------------------------|
| <b>Furans</b>                                        |                              |                                     |                              |                              |                              |
| 2,3,7,8-TCDF                                         | 0.000040 Y                   | 0.000010 Y [0.000014 Y]             | 0.000019 Y                   | 0.000022 Y                   | ND(0.0000012)                |
| TCDFs (total)                                        | 0.000061 I                   | 0.00012 I [0.00019 I]               | 0.00027 I                    | 0.00026 I                    | ND(0.0000012) J              |
| 1,2,3,7,8-PeCDF                                      | 0.0000015                    | 0.0000036 [0.0000048]               | 0.0000047                    | 0.000017                     | ND(0.0000018)                |
| 2,3,4,7,8-PeCDF                                      | 0.0000024                    | 0.0000040 [0.0000056]               | 0.0000062                    | 0.000012                     | ND(0.0000014)                |
| PeCDFs (total)                                       | 0.00010 I                    | 0.00015 I [0.00021 I]               | 0.00022 I                    | 0.00015                      | 0.000043                     |
| 1,2,3,4,7,8-HxCDF                                    | 0.0000032                    | 0.0000053 [0.0000072]               | 0.0000090                    | 0.000011                     | ND(0.0000011)                |
| 1,2,3,6,7,8-HxCDF                                    | 0.0000026                    | 0.0000036 [0.0000044]               | 0.0000050                    | 0.0000068                    | 0.0000061                    |
| 1,2,3,7,8,9-HxCDF                                    | ND(0.000000040)              | ND(0.000000060) [ND(0.000000080)]   | 0.0000070 J                  | ND(0.00000026)               | ND(0.0000013)                |
| 2,3,4,6,7,8-HxCDF                                    | 0.0000023                    | 0.0000024 [0.0000037]               | 0.0000041                    | 0.0000049                    | ND(0.0000012)                |
| HxCDFs (total)                                       | 0.000069 I                   | 0.000080 I [0.000098 I]             | 0.00010 I                    | 0.00010                      | 0.000044                     |
| 1,2,3,4,6,7,8-HpCDF                                  | 0.000015                     | 0.000011 [0.000018]                 | ND(0.000017) X               | 0.000028 J                   | ND(0.000013) X               |
| 1,2,3,4,7,8,9-HpCDF                                  | 0.0000010                    | 0.00000095 [0.0000014]              | ND(0.00000099) X             | 0.0000026                    | ND(0.0000021)                |
| HpCDFs (total)                                       | 0.000017                     | 0.000023 [0.000036]                 | 0.000023                     | 0.000063                     | 0.000022                     |
| OCDF                                                 | 0.000016                     | 0.0000082 [0.000012]                | 0.000025                     | 0.000025                     | 0.000029                     |
| <b>Dioxins</b>                                       |                              |                                     |                              |                              |                              |
| 2,3,7,8-TCDD                                         | ND(0.000000080)              | ND(0.00000010) [ND(0.00000012)]     | ND(0.00000059)               | ND(0.00000033)               | ND(0.0000012)                |
| TCDDs (total)                                        | 0.0000011                    | 0.0000020 J [0.0000036 J]           | 0.0000026                    | 0.0000026                    | ND(0.00000075)               |
| 1,2,3,7,8-PeCDD                                      | ND(0.00000020)               | ND(0.000000050) [ND(0.000000070)]   | ND(0.00000030)               | ND(0.00000019)               | ND(0.0000010)                |
| PeCDDs (total)                                       | ND(0.0000031)                | ND(0.0000038) [ND(0.0000059)]       | ND(0.0000081)                | ND(0.0000032)                | ND(0.0000044)                |
| 1,2,3,4,7,8-HxCDD                                    | 0.0000020                    | ND(0.0000014) X [ND(0.0000014) X]   | ND(0.00000039)               | ND(0.00000031)               | ND(0.0000015)                |
| 1,2,3,6,7,8-HxCDD                                    | 0.0000019                    | 0.00000070 [0.00000072]             | ND(0.00000039)               | 0.0000021                    | ND(0.0000016)                |
| 1,2,3,7,8,9-HxCDD                                    | 0.0000017                    | ND(0.00000040) X [ND(0.00000044) X] | ND(0.00000042)               | ND(0.0000014) X              | ND(0.0000016)                |
| HxCDDs (total)                                       | 0.000012                     | 0.0000026 [0.0000039]               | 0.0000062                    | 0.000012                     | ND(0.00000085)               |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.000036                     | 0.000012 [0.000013]                 | 0.000042                     | 0.000043                     | 0.000044                     |
| HpCDDs (total)                                       | 0.000074                     | 0.000024 [0.000025]                 | 0.000097                     | 0.000095                     | 0.000084                     |
| OCDD                                                 | 0.00028                      | 0.000079 [0.000073]                 | 0.00030                      | 0.00032                      | 0.00032                      |
| Total TEQs (WHO TEFs)                                | 0.0000037                    | 0.0000048 [0.0000066]               | 0.0000082                    | 0.000013                     | 0.0000031                    |
| <b>Inorganics</b>                                    |                              |                                     |                              |                              |                              |
| Antimony                                             | 1.20 B                       | 0.820 B [1.20 B]                    | 1.40 B                       | ND(6.00)                     | 0.780 B                      |
| Arsenic                                              | 3.30                         | 7.40 [7.30]                         | 10.0                         | 9.00                         | 4.80                         |
| Barium                                               | 32.0 J                       | 34.0 J [74.0 J]                     | 44.0                         | 38.0                         | 61.0                         |
| Beryllium                                            | ND(0.500)                    | ND(0.500) [ND(0.500)]               | 0.240 B                      | 0.240 B                      | 0.120 B                      |
| Cadmium                                              | 0.610                        | 0.440 B [0.450 B]                   | 0.480 B                      | ND(0.500)                    | 0.170 B                      |
| Chromium                                             | 13.0                         | 7.80 [7.70]                         | 11.0                         | 8.40                         | 7.90                         |
| Cobalt                                               | 6.40                         | 7.30 [6.90]                         | 7.50                         | 9.40                         | 6.30                         |
| Copper                                               | 31.0                         | 32.0 [28.0]                         | 48.0                         | 42.0                         | 22.0                         |
| Cyanide                                              | 0.540                        | 0.180 [0.120]                       | 0.580 J                      | 0.220 J                      | 0.0640 J                     |
| Lead                                                 | 80.0                         | 64.0 [65.0]                         | 210                          | 76.0                         | 57.0                         |
| Mercury                                              | 0.0490 B                     | 0.100 B [0.0700 B]                  | 0.220                        | 0.0740 B                     | 0.0490 B                     |
| Nickel                                               | 12.0                         | 11.0 [11.0]                         | 17.0                         | 16.0                         | 13.0                         |
| Selenium                                             | ND(1.00) J                   | ND(1.00) J [ND(1.00) J]             | 1.30 J                       | 0.530 J                      | 0.600 J                      |
| Silver                                               | ND(1.00)                     | ND(1.00) [ND(1.00)]                 | 0.300 B                      | 0.550 B                      | 0.130 B                      |
| Sulfide                                              | 440                          | 7.10 [7.30]                         | 11.0                         | ND(5.40)                     | ND(5.40)                     |
| Thallium                                             | ND(1.20)                     | ND(2.20) [ND(1.10)]                 | ND(1.20) J                   | ND(1.10) J                   | ND(1.10) J                   |
| Tin                                                  | ND(13.0)                     | ND(10.0) [ND(10.0)]                 | ND(10.0)                     | ND(10.0)                     | ND(10.0)                     |
| Vanadium                                             | 10.0                         | 7.60 [7.50]                         | 14.0                         | 8.90                         | 11.0                         |
| Zinc                                                 | 150                          | 72.0 [71.0]                         | 260                          | 78.0                         | 72.0                         |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | RA-2-SB-3<br>1-3<br>06/10/03 | RA-2-SB-6<br>0-1<br>06/10/03 | RA-2-SB-6<br>1-3<br>06/10/03 | RA-2-SB-9<br>0-1<br>06/10/03 | RA-2-SB-9<br>1-3<br>06/10/03 | RA-2-SB-11<br>0-1<br>06/10/03 | RA-2-SB-11<br>1-3<br>06/10/03 |
|------------------------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|
| <b>Volatile Organics</b>                             |                              |                              |                              |                              |                              |                               |                               |
| 1,1,1,2-Tetrachloroethane                            | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| 1,1,1-Trichloroethane                                | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| 1,1,2,2-Tetrachloroethane                            | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| 1,1,2-Trichloroethane                                | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| 1,1-Dichloroethane                                   | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| 1,1-Dichloroethene                                   | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| 1,2,3-Trichloropropane                               | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| 1,2-Dibromo-3-chloropropane                          | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| 1,2-Dibromoethane                                    | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| 1,2-Dichloroethane                                   | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| 1,2-Dichloropropane                                  | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| 1,4-Dioxane                                          | ND(0.11) J                   | ND(0.11) J                   | ND(0.11) J                   | ND(0.11) J                   | ND(0.11) J                   | ND(0.11) J                    | ND(0.11) J                    |
| 2-Butanone                                           | ND(0.011)                    | ND(0.011) J                  | ND(0.011)                    | ND(0.011)                    | ND(0.011)                    | ND(0.011)                     | ND(0.011)                     |
| 2-Chloro-1,3-butadiene                               | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| 2-Chloroethylvinylether                              | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| 2-Hexanone                                           | ND(0.011)                    | ND(0.011) J                  | ND(0.011)                    | ND(0.011)                    | ND(0.011)                    | ND(0.011)                     | ND(0.011)                     |
| 3-Chloropropene                                      | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| 4-Methyl-2-pentanone                                 | ND(0.011)                    | ND(0.011) J                  | ND(0.011)                    | ND(0.011)                    | ND(0.011)                    | ND(0.011)                     | ND(0.011)                     |
| Acetone                                              | ND(0.021)                    | ND(0.022) J                  | ND(0.021)                    | ND(0.021)                    | ND(0.022)                    | ND(0.022)                     | ND(0.022)                     |
| Acetonitrile                                         | ND(0.11) J                   | ND(0.11) J                   | ND(0.11) J                   | ND(0.11) J                   | ND(0.11) J                   | ND(0.11) J                    | ND(0.11) J                    |
| Acrolein                                             | ND(0.11) J                   | ND(0.11) J                   | ND(0.11) J                   | ND(0.11) J                   | ND(0.11) J                   | ND(0.11) J                    | ND(0.11) J                    |
| Acrylonitrile                                        | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| Benzene                                              | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| Bromodichloromethane                                 | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| Bromoform                                            | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| Bromomethane                                         | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| Carbon Disulfide                                     | ND(0.0053) J                 | ND(0.0054) J                 | ND(0.0053) J                 | ND(0.0053) J                 | ND(0.0055) J                 | ND(0.0054) J                  | ND(0.0055) J                  |
| Carbon Tetrachloride                                 | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| Chlorobenzene                                        | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| Chloroethane                                         | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| Chloroform                                           | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| Chloromethane                                        | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| cis-1,3-Dichloropropene                              | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| Dibromochloromethane                                 | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| Dibromomethane                                       | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| Dichlorodifluoromethane                              | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| Ethyl Methacrylate                                   | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| Ethylbenzene                                         | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| Iodomethane                                          | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| Isobutanol                                           | ND(0.11) J                   | ND(0.11) J                   | ND(0.11) J                   | ND(0.11) J                   | ND(0.11) J                   | ND(0.11) J                    | ND(0.11) J                    |
| Methacrylonitrile                                    | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| Methyl Methacrylate                                  | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| Methylene Chloride                                   | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| Propionitrile                                        | ND(0.011)                    | ND(0.011) J                  | ND(0.011)                    | ND(0.011)                    | ND(0.011)                    | ND(0.011)                     | ND(0.011)                     |
| Styrene                                              | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| Tetrachloroethene                                    | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| Toluene                                              | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| trans-1,2-Dichloroethene                             | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| trans-1,3-Dichloropropene                            | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| trans-1,4-Dichloro-2-butene                          | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| Trichloroethene                                      | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| Trichlorofluoromethane                               | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| Vinyl Acetate                                        | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| Vinyl Chloride                                       | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| Xylenes (total)                                      | ND(0.0053)                   | ND(0.0054) J                 | ND(0.0053)                   | ND(0.0053)                   | ND(0.0055)                   | ND(0.0054)                    | ND(0.0055)                    |
| <b>Semivolatile Organics</b>                         |                              |                              |                              |                              |                              |                               |                               |
| 1,2,4,5-Tetrachlorobenzene                           | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| 1,2,4-Trichlorobenzene                               | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| 1,2-Dichlorobenzene                                  | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| 1,2-Diphenylhydrazine                                | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | RA-2-SB-3<br>1-3<br>06/10/03 | RA-2-SB-6<br>0-1<br>06/10/03 | RA-2-SB-6<br>1-3<br>06/10/03 | RA-2-SB-9<br>0-1<br>06/10/03 | RA-2-SB-9<br>1-3<br>06/10/03 | RA-2-SB-11<br>0-1<br>06/10/03 | RA-2-SB-11<br>1-3<br>06/10/03 |
|------------------------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                              |                              |                              |                              |                              |                               |                               |
| 1,3,5-Trinitrobenzene                                | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| 1,3-Dichlorobenzene                                  | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| 1,3-Dinitrobenzene                                   | ND(0.71)                     | ND(0.73)                     | ND(0.72)                     | ND(0.71)                     | ND(0.74)                     | ND(0.73)                      | ND(0.73)                      |
| 1,4-Dichlorobenzene                                  | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| 1,4-Naphthoquinone                                   | ND(0.71) J                   | ND(0.73)                     | ND(0.72)                     | ND(0.71)                     | ND(0.74)                     | ND(0.73) J                    | ND(0.73) J                    |
| 1-Naphthylamine                                      | ND(0.71)                     | ND(0.73)                     | ND(0.72)                     | ND(0.71)                     | ND(0.74)                     | ND(0.73)                      | ND(0.73)                      |
| 2,3,4,6-Tetrachlorophenol                            | ND(0.36) J                   | ND(0.36) J                   | ND(0.36) J                   | ND(0.35) J                   | ND(0.37) J                   | ND(0.36) J                    | ND(0.36) J                    |
| 2,4,5-Trichlorophenol                                | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| 2,4,6-Trichlorophenol                                | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| 2,4-Dichlorophenol                                   | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| 2,4-Dimethylphenol                                   | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| 2,4-Dinitrophenol                                    | ND(1.8) J                    | ND(1.8) J                    | ND(1.8) J                    | ND(1.8) J                    | ND(1.9) J                    | ND(1.8) J                     | ND(1.9) J                     |
| 2,4-Dinitrotoluene                                   | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| 2,6-Dichlorophenol                                   | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| 2,6-Dinitrotoluene                                   | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| 2-Acetylaminofluorene                                | ND(0.71)                     | ND(0.73)                     | ND(0.72)                     | ND(0.71)                     | ND(0.74)                     | ND(0.73)                      | ND(0.73)                      |
| 2-Chloronaphthalene                                  | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| 2-Chlorophenol                                       | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| 2-Methylnaphthalene                                  | ND(0.36)                     | ND(0.36)                     | 0.12 J                       | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| 2-Methylphenol                                       | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| 2-Naphthylamine                                      | ND(0.71)                     | ND(0.73)                     | ND(0.72)                     | ND(0.71)                     | ND(0.74)                     | ND(0.73)                      | ND(0.73)                      |
| 2-Nitroaniline                                       | ND(1.8)                      | ND(1.8)                      | ND(1.8)                      | ND(1.8)                      | ND(1.9)                      | ND(1.8)                       | ND(1.9)                       |
| 2-Nitrophenol                                        | ND(0.71)                     | ND(0.73)                     | ND(0.72)                     | ND(0.71)                     | ND(0.74)                     | ND(0.73)                      | ND(0.73)                      |
| 2-Picoline                                           | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| 3&4-Methylphenol                                     | ND(0.71)                     | ND(0.73)                     | ND(0.72)                     | ND(0.71)                     | ND(0.74)                     | ND(0.73)                      | ND(0.73)                      |
| 3,3'-Dichlorobenzidine                               | ND(0.71)                     | ND(0.73)                     | ND(0.72)                     | ND(0.71)                     | ND(0.74)                     | ND(0.73)                      | ND(0.73)                      |
| 3,3'-Dimethylbenzidine                               | ND(0.36)                     | ND(0.36) J                   | ND(0.36) J                   | ND(0.35) J                   | ND(0.37) J                   | ND(0.36)                      | ND(0.36)                      |
| 3-Methylcholanthrene                                 | ND(0.71)                     | ND(0.73)                     | ND(0.72)                     | ND(0.71)                     | ND(0.74)                     | ND(0.73)                      | ND(0.73)                      |
| 3-Nitroaniline                                       | ND(1.8)                      | ND(1.8)                      | ND(1.8)                      | ND(1.8)                      | ND(1.9)                      | ND(1.8)                       | ND(1.9)                       |
| 4,6-Dinitro-2-methylphenol                           | ND(0.36) J                   | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36) J                    | ND(0.36) J                    |
| 4-Aminobiphenyl                                      | ND(0.71)                     | ND(0.73)                     | ND(0.72)                     | ND(0.71)                     | ND(0.74)                     | ND(0.73)                      | ND(0.73)                      |
| 4-Bromophenyl-phenylether                            | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| 4-Chloro-3-Methylphenol                              | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| 4-Chloroaniline                                      | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| 4-Chlorobenzilate                                    | ND(0.71)                     | ND(0.73)                     | ND(0.72)                     | ND(0.71)                     | ND(0.74)                     | ND(0.73)                      | ND(0.73)                      |
| 4-Chlorophenyl-phenylether                           | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| 4-Nitroaniline                                       | ND(1.8)                      | ND(1.8)                      | ND(1.8)                      | ND(1.8)                      | ND(1.9)                      | ND(1.8)                       | ND(1.9)                       |
| 4-Nitrophenol                                        | ND(1.8) J                    | ND(1.8) J                    | ND(1.8) J                    | ND(1.8) J                    | ND(1.9) J                    | ND(1.8) J                     | ND(1.9) J                     |
| 4-Nitroquinoline-1-oxide                             | ND(0.71) J                   | ND(0.73) J                   | ND(0.72) J                   | ND(0.71) J                   | ND(0.74) J                   | ND(0.73) J                    | ND(0.73) J                    |
| 4-Phenylenediamine                                   | ND(0.71)                     | ND(0.73)                     | ND(0.72)                     | ND(0.71)                     | ND(0.74)                     | ND(0.73)                      | ND(0.73)                      |
| 5-Nitro-o-toluidine                                  | ND(0.71)                     | ND(0.73)                     | ND(0.72)                     | ND(0.71)                     | ND(0.74)                     | ND(0.73)                      | ND(0.73)                      |
| 7,12-Dimethylbenz(a)anthracene                       | ND(0.71)                     | ND(0.73)                     | ND(0.72)                     | ND(0.71)                     | ND(0.74)                     | ND(0.73)                      | ND(0.73)                      |
| a,a'-Dimethylphenethylamine                          | ND(0.71)                     | ND(0.73) J                   | ND(0.72) J                   | ND(0.71) J                   | ND(0.74) J                   | ND(0.73)                      | ND(0.73)                      |
| Acenaphthene                                         | ND(0.36)                     | ND(0.36)                     | 0.17 J                       | ND(0.35)                     | 0.74                         | ND(0.36)                      | ND(0.36)                      |
| Acenaphthylene                                       | 0.20 J                       | 0.48                         | 0.46                         | 0.19 J                       | 0.23 J                       | 0.33 J                        | ND(0.36)                      |
| Acetophenone                                         | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| Aniline                                              | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| Anthracene                                           | 0.14 J                       | 0.45                         | 0.51                         | 0.088 J                      | 0.095 J                      | 0.17 J                        | ND(0.36)                      |
| Aramite                                              | ND(0.71)                     | ND(0.73)                     | ND(0.72)                     | ND(0.71)                     | ND(0.74)                     | ND(0.73)                      | ND(0.73)                      |
| Benzidine                                            | ND(0.71)                     | ND(0.73)                     | ND(0.72)                     | ND(0.71)                     | ND(0.74)                     | ND(0.73)                      | ND(0.73)                      |
| Benzo(a)anthracene                                   | 0.45                         | 1.3                          | 1.2                          | 0.42                         | 0.36 J                       | 0.47                          | ND(0.36)                      |
| Benzo(a)pyrene                                       | 0.56                         | 1.3                          | 1.2                          | 0.49                         | 0.51                         | 0.59                          | ND(0.36)                      |
| Benzo(b)fluoranthene                                 | 0.65                         | 1.5                          | 1.4                          | 0.59                         | 0.68                         | 0.78                          | ND(0.36)                      |
| Benzo(g,h,i)perylene                                 | 0.49                         | 1.1                          | 1.0                          | 0.48                         | 0.47                         | 0.58                          | ND(0.36)                      |
| Benzo(k)fluoranthene                                 | 0.22 J                       | 0.59                         | 0.45                         | 0.32 J                       | 0.20 J                       | 0.30 J                        | ND(0.36)                      |
| Benzyl Alcohol                                       | ND(0.71) J                   | ND(0.73) J                   | ND(0.72) J                   | ND(0.71) J                   | ND(0.74) J                   | ND(0.73) J                    | ND(0.73) J                    |
| bis(2-Chloroethoxy)methane                           | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| bis(2-Chloroethyl)ether                              | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| bis(2-Chloroisopropyl)ether                          | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| bis(2-Ethylhexyl)phthalate                           | ND(0.35)                     | 0.34 J                       | ND(0.35)                     | ND(0.35)                     | ND(0.36)                     | ND(0.36)                      | ND(0.36)                      |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | RA-2-SB-3<br>1-3<br>06/10/03 | RA-2-SB-6<br>0-1<br>06/10/03 | RA-2-SB-6<br>1-3<br>06/10/03 | RA-2-SB-9<br>0-1<br>06/10/03 | RA-2-SB-9<br>1-3<br>06/10/03 | RA-2-SB-11<br>0-1<br>06/10/03 | RA-2-SB-11<br>1-3<br>06/10/03 |
|------------------------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                              |                              |                              |                              |                              |                               |                               |
| Butylbenzylphthalate                                 | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| Chrysene                                             | 0.48                         | 1.4                          | 1.2                          | 0.42                         | 0.45                         | 0.65                          | 0.091 J                       |
| Diallate                                             | ND(0.71)                     | ND(0.73)                     | ND(0.72)                     | ND(0.71)                     | ND(0.74)                     | ND(0.73)                      | ND(0.73)                      |
| Dibenzo(a,h)anthracene                               | ND(0.36)                     | 0.26 J                       | 0.28 J                       | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| Dibenzofuran                                         | ND(0.36)                     | ND(0.36)                     | 0.13 J                       | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| Diethylphthalate                                     | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| Dimethylphthalate                                    | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| Di-n-Butylphthalate                                  | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| Di-n-Octylphthalate                                  | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| Diphenylamine                                        | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| Ethyl Methanesulfonate                               | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| Fluoranthene                                         | 0.91                         | 2.6                          | 3.3                          | 0.70                         | 0.71                         | 0.97                          | 0.13 J                        |
| Fluorene                                             | ND(0.36)                     | 0.13 J                       | 0.37                         | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| Hexachlorobenzene                                    | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| Hexachlorobutadiene                                  | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| Hexachlorocyclopentadiene                            | ND(0.36) J                   | ND(0.36) J                   | ND(0.36) J                   | ND(0.35) J                   | ND(0.37) J                   | ND(0.36) J                    | ND(0.36) J                    |
| Hexachloroethane                                     | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| Hexachlorophene                                      | ND(0.71) J                   | ND(0.73) J                   | ND(0.72) J                   | ND(0.71) J                   | ND(0.74) J                   | ND(0.73) J                    | ND(0.73) J                    |
| Hexachloropropene                                    | ND(0.36) J                   | ND(0.36) J                   | ND(0.36) J                   | ND(0.35) J                   | ND(0.37) J                   | ND(0.36) J                    | ND(0.36) J                    |
| Indeno(1,2,3-cd)pyrene                               | 0.40                         | 0.89                         | 0.77                         | 0.37                         | 0.40                         | 0.46                          | ND(0.36)                      |
| Isodrin                                              | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| Isophorone                                           | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| Isosafrole                                           | ND(0.71)                     | ND(0.73)                     | ND(0.72)                     | ND(0.71)                     | ND(0.74)                     | ND(0.73)                      | ND(0.73)                      |
| Methapyrilene                                        | ND(0.71)                     | ND(0.73)                     | ND(0.72)                     | ND(0.71)                     | ND(0.74)                     | ND(0.73)                      | ND(0.73)                      |
| Methyl Methanesulfonate                              | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| Naphthalene                                          | ND(0.36)                     | ND(0.36)                     | 0.12 J                       | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| Nitrobenzene                                         | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| N-Nitrosodiethylamine                                | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| N-Nitrosodimethylamine                               | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| N-Nitroso-di-n-butylamine                            | ND(0.71)                     | ND(0.73)                     | ND(0.72)                     | ND(0.71)                     | ND(0.74)                     | ND(0.73)                      | ND(0.73)                      |
| N-Nitroso-di-n-propylamine                           | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| N-Nitrosodiphenylamine                               | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| N-Nitrosomethylethylamine                            | ND(0.71)                     | ND(0.73)                     | ND(0.72)                     | ND(0.71)                     | ND(0.74)                     | ND(0.73)                      | ND(0.73)                      |
| N-Nitrosomorpholine                                  | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| N-Nitrosopiperidine                                  | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| N-Nitrosopyrrolidine                                 | ND(0.71)                     | ND(0.73)                     | ND(0.72)                     | ND(0.71)                     | ND(0.74)                     | ND(0.73)                      | ND(0.73)                      |
| o,o,o-Triethylphosphorothioate                       | ND(0.36)                     | ND(0.36) J                   | ND(0.36) J                   | ND(0.35) J                   | ND(0.37) J                   | ND(0.36)                      | ND(0.36)                      |
| o-Toluidine                                          | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| p-Dimethylaminoazobenzene                            | ND(0.71)                     | ND(0.73)                     | ND(0.72)                     | ND(0.71)                     | ND(0.74)                     | ND(0.73)                      | ND(0.73)                      |
| Pentachlorobenzene                                   | ND(0.36) J                   | ND(0.36) J                   | ND(0.36) J                   | ND(0.35) J                   | ND(0.37) J                   | ND(0.36) J                    | ND(0.36) J                    |
| Pentachloroethane                                    | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| Pentachloronitrobenzene                              | ND(0.71) J                   | ND(0.73) J                   | ND(0.72) J                   | ND(0.71) J                   | ND(0.74) J                   | ND(0.73) J                    | ND(0.73) J                    |
| Pentachlorophenol                                    | ND(1.8)                      | ND(1.8)                      | ND(1.8)                      | ND(1.8)                      | ND(1.9)                      | ND(1.8)                       | ND(1.9)                       |
| Phenacetin                                           | ND(0.71)                     | ND(0.73)                     | ND(0.72)                     | ND(0.71)                     | ND(0.74)                     | ND(0.73)                      | ND(0.73)                      |
| Phenanthrene                                         | 0.28 J                       | 1.1                          | 2.0                          | ND(0.35)                     | 0.19 J                       | 0.35 J                        | ND(0.36)                      |
| Phenol                                               | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| Pronamide                                            | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| Pyrene                                               | 0.92                         | 2.7                          | 2.9                          | 0.73                         | 0.71                         | 0.88                          | 0.13 J                        |
| Pyridine                                             | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| Safrole                                              | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |
| Thionazin                                            | ND(0.36)                     | ND(0.36)                     | ND(0.36)                     | ND(0.35)                     | ND(0.37)                     | ND(0.36)                      | ND(0.36)                      |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | RA-2-SB-3<br>1-3<br>06/10/03 | RA-2-SB-6<br>0-1<br>06/10/03 | RA-2-SB-6<br>1-3<br>06/10/03 | RA-2-SB-9<br>0-1<br>06/10/03 | RA-2-SB-9<br>1-3<br>06/10/03 | RA-2-SB-11<br>0-1<br>06/10/03 | RA-2-SB-11<br>1-3<br>06/10/03 |
|------------------------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|
| <b>Furans</b>                                        |                              |                              |                              |                              |                              |                               |                               |
| 2,3,7,8-TCDF                                         | 0.0000041 Y                  | 0.0000031 Y                  | 0.0000051 Y                  | 0.0000030 Y                  | 0.0000022 Y                  | 0.000012 Y                    | 0.0000033 Y                   |
| TCDFs (total)                                        | 0.000074 IJ                  | 0.000078 IJ                  | 0.000020 J                   | 0.000025 IJ                  | 0.000022 IJ                  | 0.00013 IJ                    | 0.000023 IJ                   |
| 1,2,3,7,8-PeCDF                                      | 0.000017                     | 0.000021                     | ND(0.000076) X               | 0.0000040                    | 0.0000087                    | 0.0000097                     | 0.0000034                     |
| 2,3,4,7,8-PeCDF                                      | 0.000014                     | 0.000017                     | 0.0000092                    | 0.0000034                    | 0.0000013                    | 0.0000077                     | 0.0000034                     |
| PeCDFs (total)                                       | 0.00014 I                    | 0.00016 I                    | 0.000088                     | 0.000076 I                   | 0.000035 I                   | 0.00017 I                     | 0.000032 I                    |
| 1,2,3,4,7,8-HxCDF                                    | 0.000028                     | 0.000034                     | 0.000012                     | 0.0000077                    | 0.0000017                    | 0.000013                      | 0.0000056                     |
| 1,2,3,6,7,8-HxCDF                                    | 0.000020                     | 0.000026                     | 0.0000083                    | 0.0000090                    | 0.0000014                    | 0.000010                      | 0.0000041                     |
| 1,2,3,4,7,8,9-HxCDF                                  | 0.000012                     | 0.000016                     | ND(0.000010)                 | ND(0.0000033)                | ND(0.00000090)               | 0.0000028                     | 0.0000022                     |
| 2,3,4,6,7,8-HxCDF                                    | 0.000012                     | 0.000014                     | 0.0000091                    | 0.0000048                    | 0.0000072                    | 0.0000054                     | 0.0000026                     |
| HxCDFs (total)                                       | 0.00015 I                    | 0.00016 I                    | 0.000098                     | 0.00015 I                    | 0.000024 I                   | 0.00014 I                     | 0.000028                      |
| 1,2,3,4,6,7,8-HpCDF                                  | 0.000044 J                   | 0.000054                     | 0.000033                     | 0.000082                     | ND(0.0000031) X              | ND(0.000027) X                | ND(0.0000018)                 |
| 1,2,3,4,7,8,9-HpCDF                                  | 0.000022                     | 0.000027                     | 0.000012                     | 0.0000052                    | 0.0000065                    | 0.0000070                     | 0.0000046                     |
| HpCDFs (total)                                       | 0.000083                     | 0.00010                      | 0.000079                     | 0.000088                     | 0.0000068                    | 0.000050                      | 0.0000091                     |
| OCDF                                                 | 0.000043                     | 0.000056                     | 0.000039                     | 0.000059                     | 0.0000061                    | 0.000040                      | 0.0000099                     |
| <b>Dioxins</b>                                       |                              |                              |                              |                              |                              |                               |                               |
| 2,3,7,8-TCDD                                         | 0.0000027                    | 0.0000035                    | ND(0.0000086)                | ND(0.0000016)                | ND(0.00000080)               | ND(0.00000019)                | ND(0.00000012)                |
| TCDDs (total)                                        | 0.0000049                    | 0.0000060                    | ND(0.0000059)                | ND(0.0000045)                | ND(0.0000019)                | 0.00000075                    | ND(0.00000012)                |
| 1,2,3,7,8-PeCDD                                      | 0.000014                     | 0.000017                     | ND(0.0000032)                | 0.0000080                    | ND(0.00000040)               | 0.0000052                     | 0.0000030                     |
| PeCDDs (total)                                       | 0.000014                     | 0.000017                     | ND(0.000028)                 | 0.000013                     | ND(0.0000038)                | 0.0000052                     | 0.0000030                     |
| 1,2,3,4,7,8-HxCDD                                    | 0.000015                     | 0.000019                     | ND(0.0000013)                | 0.000011                     | ND(0.00000072) X             | 0.0000065                     | 0.0000043                     |
| 1,2,3,6,7,8-HxCDD                                    | 0.000016                     | 0.000020                     | 0.0000078                    | 0.000036                     | ND(0.00000090)               | 0.000012                      | 0.0000034                     |
| 1,2,3,7,8,9-HxCDD                                    | 0.000016                     | 0.000018                     | 0.0000065                    | 0.000027                     | ND(0.00000090)               | 0.0000092                     | 0.0000031                     |
| HxCDDs (total)                                       | 0.000060                     | 0.000076                     | 0.000019                     | 0.00017                      | 0.0000012                    | 0.000045                      | 0.000014                      |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.000040                     | 0.000047                     | 0.000051                     | 0.00047                      | 0.0000049                    | 0.00012                       | 0.000012                      |
| HpCDDs (total)                                       | 0.000068                     | 0.000084                     | 0.000088                     | 0.00078                      | 0.0000082                    | 0.00020                       | 0.000020                      |
| OCDD                                                 | 0.000020                     | 0.000026                     | 0.000034                     | 0.0028                       | 0.000036                     | 0.00070                       | 0.000074                      |
| Total TEQs (WHO TEFs)                                | 0.000038                     | 0.000046                     | 0.000013                     | 0.000026                     | 0.0000015                    | 0.000018                      | 0.0000080                     |
| <b>Inorganics</b>                                    |                              |                              |                              |                              |                              |                               |                               |
| Antimony                                             | ND(6.00)                     | 0.880 B                      | ND(6.00)                     | ND(6.00)                     | 0.820 B                      | 0.950 B                       | ND(6.00)                      |
| Arsenic                                              | 6.50                         | 2.90 J                       | 4.00                         | 8.50                         | 7.40                         | 8.40                          | 6.80                          |
| Barium                                               | ND(20.0)                     | 22.0                         | 43.0                         | ND(20.0)                     | ND(20.0)                     | 39.0                          | 21.0                          |
| Beryllium                                            | 0.140 B                      | 0.160 B                      | 0.150 B                      | 0.120 B                      | 0.190 B                      | 0.210 B                       | 0.210 B                       |
| Cadmium                                              | ND(0.500)                    | 0.170 B                      | 0.180 B                      | ND(0.500)                    | ND(0.500)                    | ND(0.500)                     | ND(0.500)                     |
| Chromium                                             | 6.20                         | 7.80                         | 10.0                         | 8.30                         | 6.70                         | 9.80                          | 6.80                          |
| Cobalt                                               | 7.60                         | 5.30                         | 5.90                         | 9.70                         | 7.70                         | 10.0                          | 7.20                          |
| Copper                                               | 26.0                         | 21.0                         | 62.0                         | 27.0                         | 18.0                         | 36.0                          | 16.0                          |
| Cyanide                                              | 0.0480 J                     | 0.280 J                      | 0.700 J                      | 0.0470 J                     | ND(0.550) J                  | 0.0710 J                      | ND(0.220) J                   |
| Lead                                                 | 47.0                         | 130                          | 200                          | 38.0                         | 22.0                         | 120                           | 39.0                          |
| Mercury                                              | 0.0190 B                     | 0.0320 B                     | 0.0450 B                     | ND(0.110)                    | 0.130                        | 0.0960 B                      | 0.0210 B                      |
| Nickel                                               | 13.0                         | 10.0                         | 12.0                         | 17.0                         | 14.0                         | 20.0                          | 14.0                          |
| Selenium                                             | 0.530 J                      | 0.530 J                      | ND(1.00) J                   | ND(1.00) J                   | ND(1.00) J                   | 0.540 J                       | ND(1.00) J                    |
| Silver                                               | 0.120 B                      | ND(1.00)                     | ND(1.00)                     | ND(1.00)                     | ND(1.00)                     | ND(1.00)                      | ND(1.00)                      |
| Sulfide                                              | ND(5.30)                     | ND(5.40)                     | ND(5.30)                     | 14.0                         | 10.0                         | 7.00                          | 24.0                          |
| Thallium                                             | ND(1.10) J                   | ND(1.10) J                   | ND(1.10) J                   | ND(1.10) J                   | ND(1.10) J                   | ND(1.10) J                    | ND(1.10) J                    |
| Tin                                                  | ND(10.0)                     | ND(10.0)                     | ND(10.0)                     | ND(10.0)                     | ND(10.0)                     | ND(10.0)                      | ND(10.0)                      |
| Vanadium                                             | 6.60                         | 13.0                         | 11.0                         | 9.50                         | 6.80                         | 10.0                          | 6.60                          |
| Zinc                                                 | 44.0                         | 80.0                         | 92.0                         | 60.0                         | 44.0                         | 76.0                          | 43.0                          |



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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | RA-3-SB-1<br>0-1<br>06/10/03 | RA-3-SB-1<br>1-3<br>06/10/03 | RA-3-SB-4<br>0-1<br>06/10/03 | RA-3-SB-4<br>1-3<br>06/10/03 | RA-3-SB-8<br>0-1<br>06/11/03 | RA-3-SB-8<br>1-3<br>06/11/03 | RA-3-SB-9<br>0-1<br>06/11/03 |
|------------------------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| <b>Volatile Organics</b>                             |                              |                              |                              |                              |                              |                              |                              |
| 1,1,1,2-Tetrachloroethane                            | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| 1,1,1-Trichloroethane                                | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| 1,1,2,2-Tetrachloroethane                            | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| 1,1,2-Trichloroethane                                | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| 1,1-Dichloroethane                                   | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| 1,1-Dichloroethene                                   | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| 1,2,3-Trichloropropane                               | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| 1,2-Dibromo-3-chloropropane                          | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| 1,2-Dibromoethane                                    | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| 1,2-Dichloroethane                                   | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| 1,2-Dichloropropane                                  | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| 1,4-Dioxane                                          | ND(0.15) J                   | ND(0.16) J                   | ND(0.11) J                   | ND(0.11) J                   | ND(0.12) J                   | ND(0.12) J                   | ND(0.20) J                   |
| 2-Butanone                                           | ND(0.015)                    | ND(0.016)                    | ND(0.011)                    | ND(0.011)                    | ND(0.012)                    | ND(0.012)                    | ND(0.020)                    |
| 2-Chloro-1,3-butadiene                               | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| 2-Chloroethylvinylether                              | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| 2-Hexanone                                           | ND(0.015)                    | ND(0.016)                    | ND(0.011)                    | ND(0.011)                    | ND(0.012)                    | ND(0.012)                    | ND(0.020)                    |
| 3-Chloropropene                                      | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| 4-Methyl-2-pentanone                                 | ND(0.015)                    | ND(0.016)                    | ND(0.011)                    | ND(0.011)                    | ND(0.012)                    | ND(0.012)                    | ND(0.020)                    |
| Acetone                                              | ND(0.029)                    | ND(0.031)                    | ND(0.023)                    | ND(0.022)                    | ND(0.023)                    | ND(0.023)                    | 0.044                        |
| Acetonitrile                                         | ND(0.15) J                   | ND(0.16) J                   | ND(0.11) J                   | ND(0.11) J                   | ND(0.12) J                   | ND(0.12) J                   | ND(0.20) J                   |
| Acrolein                                             | ND(0.15) J                   | ND(0.16) J                   | ND(0.11) J                   | ND(0.11) J                   | ND(0.12) J                   | ND(0.12) J                   | ND(0.20) J                   |
| Acrylonitrile                                        | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| Benzene                                              | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| Bromodichloromethane                                 | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| Bromoform                                            | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| Bromomethane                                         | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| Carbon Disulfide                                     | ND(0.0073) J                 | ND(0.0078) J                 | ND(0.0057) J                 | ND(0.0055) J                 | ND(0.0058) J                 | ND(0.0058) J                 | ND(0.010) J                  |
| Carbon Tetrachloride                                 | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| Chlorobenzene                                        | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | 0.0085                       | ND(0.0058)                   | ND(0.010)                    |
| Chloroethane                                         | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| Chloroform                                           | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| Chloromethane                                        | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| cis-1,3-Dichloropropene                              | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| Dibromochloromethane                                 | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| Dibromomethane                                       | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| Dichlorodifluoromethane                              | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| Ethyl Methacrylate                                   | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| Ethylbenzene                                         | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | 0.0040 J                     | ND(0.0058)                   | ND(0.010)                    |
| Iodomethane                                          | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058) J                 | ND(0.0058) J                 | ND(0.010) J                  |
| Isobutanol                                           | ND(0.15) J                   | ND(0.16) J                   | ND(0.11) J                   | ND(0.11) J                   | ND(0.12) J                   | ND(0.12) J                   | ND(0.20) J                   |
| Methacrylonitrile                                    | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| Methyl Methacrylate                                  | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| Methylene Chloride                                   | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| Propionitrile                                        | ND(0.015)                    | ND(0.016)                    | ND(0.011)                    | ND(0.011)                    | ND(0.012)                    | ND(0.012)                    | ND(0.020)                    |
| Styrene                                              | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| Tetrachloroethene                                    | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| Toluene                                              | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| trans-1,2-Dichloroethene                             | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| trans-1,3-Dichloropropene                            | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| trans-1,4-Dichloro-2-butene                          | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| Trichloroethene                                      | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| Trichlorofluoromethane                               | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| Vinyl Acetate                                        | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| Vinyl Chloride                                       | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| Xylenes (total)                                      | ND(0.0073)                   | ND(0.0078)                   | ND(0.0057)                   | ND(0.0055)                   | ND(0.0058)                   | ND(0.0058)                   | ND(0.010)                    |
| <b>Semivolatile Organics</b>                         |                              |                              |                              |                              |                              |                              |                              |
| 1,2,4,5-Tetrachlorobenzene                           | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| 1,2,4-Trichlorobenzene                               | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| 1,2-Dichlorobenzene                                  | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| 1,2-Diphenylhydrazine                                | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | RA-3-SB-1<br>0-1<br>06/10/03 | RA-3-SB-1<br>1-3<br>06/10/03 | RA-3-SB-4<br>0-1<br>06/10/03 | RA-3-SB-4<br>1-3<br>06/10/03 | RA-3-SB-8<br>0-1<br>06/11/03 | RA-3-SB-8<br>1-3<br>06/11/03 | RA-3-SB-9<br>0-1<br>06/11/03 |
|------------------------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                              |                              |                              |                              |                              |                              |                              |
| 1,3,5-Trinitrobenzene                                | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| 1,3-Dichlorobenzene                                  | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| 1,3-Dinitrobenzene                                   | ND(0.98)                     | ND(5.2)                      | ND(0.76)                     | ND(0.74)                     | ND(0.78)                     | ND(0.78)                     | ND(1.4)                      |
| 1,4-Dichlorobenzene                                  | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| 1,4-Naphthoquinone                                   | ND(0.98) J                   | ND(5.2) J                    | ND(0.76)                     | ND(0.74) J                   | ND(0.78) J                   | ND(0.78) J                   | ND(1.4) J                    |
| 1-Naphthylamine                                      | ND(0.98)                     | ND(5.2)                      | ND(0.76)                     | ND(0.74)                     | ND(0.78)                     | ND(0.78)                     | ND(1.4)                      |
| 2,3,4,6-Tetrachlorophenol                            | ND(0.49) J                   | ND(5.2) J                    | ND(0.38) J                   | ND(0.37)                     | ND(0.39) J                   | ND(0.39) J                   | ND(0.68) J                   |
| 2,4,5-Trichlorophenol                                | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| 2,4,6-Trichlorophenol                                | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| 2,4-Dichlorophenol                                   | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| 2,4-Dimethylphenol                                   | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| 2,4-Dinitrophenol                                    | ND(2.5) J                    | ND(26) J                     | ND(1.9) J                    | ND(1.9) J                    | ND(2.0) J                    | ND(2.0) J                    | ND(3.4) J                    |
| 2,4-Dinitrotoluene                                   | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| 2,6-Dichlorophenol                                   | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| 2,6-Dinitrotoluene                                   | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| 2-Acetylaminofluorene                                | ND(0.98)                     | ND(5.2)                      | ND(0.76)                     | ND(0.74)                     | ND(0.78)                     | ND(0.78)                     | ND(1.4)                      |
| 2-Chloronaphthalene                                  | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| 2-Chlorophenol                                       | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| 2-Methylnaphthalene                                  | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | 0.31 J                       |
| 2-Methylphenol                                       | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| 2-Naphthylamine                                      | ND(0.98)                     | ND(5.2)                      | ND(0.76)                     | ND(0.74)                     | ND(0.78)                     | ND(0.78)                     | ND(1.4)                      |
| 2-Nitroaniline                                       | ND(2.5)                      | ND(26)                       | ND(1.9)                      | ND(1.9)                      | ND(2.0)                      | ND(2.0)                      | ND(3.4)                      |
| 2-Nitrophenol                                        | ND(0.98)                     | ND(5.2)                      | ND(0.76)                     | ND(0.74)                     | ND(0.78)                     | ND(0.78)                     | ND(1.4)                      |
| 2-Picoline                                           | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| 3&4-Methylphenol                                     | ND(0.98)                     | ND(5.2)                      | ND(0.76)                     | ND(0.74)                     | ND(0.78)                     | ND(0.78)                     | ND(1.4)                      |
| 3,3'-Dichlorobenzidine                               | ND(0.98)                     | ND(10)                       | ND(0.76)                     | ND(0.74)                     | ND(0.78)                     | ND(0.78)                     | ND(1.4)                      |
| 3,3'-Dimethylbenzidine                               | ND(0.49)                     | ND(5.2)                      | ND(0.38) J                   | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| 3-Methylcholanthrene                                 | ND(0.98)                     | ND(5.2)                      | ND(0.76)                     | ND(0.74)                     | ND(0.78)                     | ND(0.78)                     | ND(1.4)                      |
| 3-Nitroaniline                                       | ND(2.5)                      | ND(26)                       | ND(1.9)                      | ND(1.9)                      | ND(2.0)                      | ND(2.0)                      | ND(3.4)                      |
| 4,6-Dinitro-2-methylphenol                           | ND(0.49) J                   | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| 4-Aminobiphenyl                                      | ND(0.98)                     | ND(5.2)                      | ND(0.76)                     | ND(0.74)                     | ND(0.78)                     | ND(0.78)                     | ND(1.4)                      |
| 4-Bromophenyl-phenylether                            | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| 4-Chloro-3-Methylphenol                              | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| 4-Chloroaniline                                      | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| 4-Chlorobenzilate                                    | ND(0.98)                     | ND(5.2)                      | ND(0.76)                     | ND(0.74)                     | ND(0.78)                     | ND(0.78)                     | ND(1.4)                      |
| 4-Chlorophenyl-phenylether                           | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| 4-Nitroaniline                                       | ND(2.5)                      | ND(26)                       | ND(1.9)                      | ND(1.9)                      | ND(2.0)                      | ND(2.0)                      | ND(3.4)                      |
| 4-Nitrophenol                                        | ND(2.5) J                    | ND(26) J                     | ND(1.9) J                    | ND(1.9) J                    | ND(2.0) J                    | ND(2.0) J                    | ND(3.4) J                    |
| 4-Nitroquinoline-1-oxide                             | ND(0.98) J                   | ND(5.2) J                    | ND(0.76) J                   | ND(0.74) J                   | ND(0.78) J                   | ND(0.78) J                   | ND(1.4) J                    |
| 4-Phenylenediamine                                   | ND(0.98)                     | ND(5.2)                      | ND(0.76)                     | ND(0.74)                     | ND(0.78)                     | ND(0.78)                     | ND(1.4)                      |
| 5-Nitro-o-toluidine                                  | ND(0.98)                     | ND(5.2)                      | ND(0.76)                     | ND(0.74)                     | ND(0.78)                     | ND(0.78)                     | ND(1.4)                      |
| 7,12-Dimethylbenz(a)anthracene                       | ND(0.98)                     | ND(5.2)                      | ND(0.76)                     | ND(0.74)                     | ND(0.78)                     | ND(0.78)                     | ND(1.4)                      |
| a,a'-Dimethylphenethylamine                          | ND(0.98)                     | ND(5.2)                      | ND(0.76) J                   | ND(0.74)                     | ND(0.78)                     | ND(0.78)                     | ND(1.4)                      |
| Acenaphthene                                         | ND(0.49)                     | 38                           | ND(0.38)                     | 0.46                         | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| Acenaphthylene                                       | 0.43 J                       | 2.5 J                        | 0.76                         | 0.14 J                       | 0.16 J                       | ND(0.39)                     | 0.60 J                       |
| Acetophenone                                         | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| Aniline                                              | ND(0.49)                     | 9.5                          | ND(0.38)                     | ND(0.37)                     | 0.16 J                       | ND(0.39)                     | 3.3                          |
| Anthracene                                           | 0.41 J                       | 1.3 J                        | 0.47                         | ND(0.37)                     | 0.23 J                       | ND(0.39)                     | 1.7                          |
| Aramite                                              | ND(0.98)                     | ND(5.2)                      | ND(0.76)                     | ND(0.74)                     | ND(0.78)                     | ND(0.78)                     | ND(1.4)                      |
| Benzidine                                            | ND(0.98)                     | ND(10) J                     | ND(0.76)                     | ND(0.74)                     | ND(0.78) J                   | ND(0.78) J                   | ND(1.4) J                    |
| Benzo(a)anthracene                                   | 1.4                          | 4.4 J                        | 1.5                          | 0.15 J                       | 0.62                         | ND(0.39)                     | 3.6                          |
| Benzo(a)pyrene                                       | 1.5                          | 5.6                          | 1.6                          | 0.15 J                       | 0.57                         | ND(0.39)                     | 3.0                          |
| Benzo(b)fluoranthene                                 | 1.9                          | 8.4                          | 2.0                          | 0.20 J                       | 0.78                         | ND(0.39)                     | 4.3                          |
| Benzo(g,h,i)perylene                                 | 1.6                          | 5.5                          | 1.4                          | ND(0.37)                     | 0.53                         | ND(0.39)                     | 2.6                          |
| Benzo(k)fluoranthene                                 | 0.72                         | 3.2 J                        | 0.73                         | ND(0.37)                     | 0.25 J                       | ND(0.39)                     | 1.6                          |
| Benzyl Alcohol                                       | ND(0.98) J                   | ND(10)                       | ND(0.76) J                   | ND(0.74)                     | ND(0.78)                     | ND(0.78)                     | ND(1.4)                      |
| bis(2-Chloroethoxy)methane                           | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| bis(2-Chloroethyl)ether                              | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| bis(2-Chloroisopropyl)ether                          | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| bis(2-Ethylhexyl)phthalate                           | 0.29 J                       | ND(2.6)                      | ND(0.37)                     | ND(0.37)                     | ND(0.38)                     | ND(0.38)                     | 1.4                          |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | RA-3-SB-1<br>0-1<br>06/10/03 | RA-3-SB-1<br>1-3<br>06/10/03 | RA-3-SB-4<br>0-1<br>06/10/03 | RA-3-SB-4<br>1-3<br>06/10/03 | RA-3-SB-8<br>0-1<br>06/11/03 | RA-3-SB-8<br>1-3<br>06/11/03 | RA-3-SB-9<br>0-1<br>06/11/03 |
|------------------------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                              |                              |                              |                              |                              |                              |                              |
| Butylbenzylphthalate                                 | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| Chrysene                                             | 1.5                          | 4.8 J                        | 1.6                          | ND(0.37)                     | 0.70                         | ND(0.39)                     | 5.5                          |
| Diallate                                             | ND(0.98)                     | ND(5.2)                      | ND(0.76)                     | ND(0.74)                     | ND(0.78)                     | ND(0.78)                     | ND(1.4)                      |
| Dibenzo(a,h)anthracene                               | 0.40 J                       | ND(5.2)                      | 0.40                         | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | 0.39 J                       |
| Dibenzofuran                                         | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| Diethylphthalate                                     | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| Dimethylphthalate                                    | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| Di-n-Butylphthalate                                  | 0.22 J                       | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| Di-n-Octylphthalate                                  | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| Diphenylamine                                        | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| Ethyl Methanesulfonate                               | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| Fluoranthene                                         | 3.0                          | 6.7                          | 2.8                          | 0.29 J                       | 1.2                          | ND(0.39)                     | 9.6                          |
| Fluorene                                             | 0.13 J                       | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | 0.085 J                      | ND(0.39)                     | 0.86                         |
| Hexachlorobenzene                                    | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| Hexachlorobutadiene                                  | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| Hexachlorocyclopentadiene                            | ND(0.49) J                   | ND(5.2) J                    | ND(0.38) J                   | ND(0.37) J                   | ND(0.39) J                   | ND(0.39) J                   | ND(0.68) J                   |
| Hexachloroethane                                     | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| Hexachlorophene                                      | ND(0.98) J                   | ND(10) J                     | ND(0.76) J                   | ND(0.74) J                   | ND(0.78) J                   | ND(0.78) J                   | ND(1.4) J                    |
| Hexachloropropene                                    | ND(0.49) J                   | ND(5.2) J                    | ND(0.38) J                   | ND(0.37) J                   | ND(0.39) J                   | ND(0.39) J                   | ND(0.68) J                   |
| Indeno(1,2,3-cd)pyrene                               | 1.2                          | 4.4 J                        | 1.1                          | ND(0.37)                     | 0.40                         | ND(0.39)                     | 2.1                          |
| Isodrin                                              | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| Isophorone                                           | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| Isosafrole                                           | ND(0.98)                     | ND(5.2)                      | ND(0.76)                     | ND(0.74)                     | ND(0.78)                     | ND(0.78)                     | ND(1.4)                      |
| Methapyrilene                                        | ND(0.98)                     | ND(5.2)                      | ND(0.76)                     | ND(0.74)                     | ND(0.78)                     | ND(0.78)                     | ND(1.4)                      |
| Methyl Methanesulfonate                              | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| Naphthalene                                          | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | 0.74                         |
| Nitrobenzene                                         | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| N-Nitrosodiethylamine                                | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| N-Nitrosodimethylamine                               | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| N-Nitroso-di-n-butylamine                            | ND(0.98)                     | ND(5.2)                      | ND(0.76)                     | ND(0.74)                     | ND(0.78)                     | ND(0.78)                     | ND(1.4)                      |
| N-Nitroso-di-n-propylamine                           | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| N-Nitrosodiphenylamine                               | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| N-Nitrosomethylethylamine                            | ND(0.98)                     | ND(5.2)                      | ND(0.76)                     | ND(0.74)                     | ND(0.78)                     | ND(0.78)                     | ND(1.4)                      |
| N-Nitrosomorpholine                                  | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| N-Nitrosopiperidine                                  | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37) J                   | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| N-Nitrosopyrrolidine                                 | ND(0.98)                     | ND(5.2)                      | ND(0.76)                     | ND(0.74)                     | ND(0.78)                     | ND(0.78)                     | ND(1.4)                      |
| o,o,o-Triethylphosphorothioate                       | ND(0.49)                     | ND(5.2)                      | ND(0.38) J                   | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| o-Toluidine                                          | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| p-Dimethylaminoazobenzene                            | ND(0.98)                     | ND(5.2)                      | ND(0.76)                     | ND(0.74)                     | ND(0.78)                     | ND(0.78)                     | ND(1.4)                      |
| Pentachlorobenzene                                   | ND(0.49) J                   | ND(5.2) J                    | ND(0.38) J                   | ND(0.37)                     | ND(0.39) J                   | ND(0.39) J                   | ND(0.68) J                   |
| Pentachloroethane                                    | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| Pentachloronitrobenzene                              | ND(0.98) J                   | ND(5.2) J                    | ND(0.76) J                   | ND(0.74) J                   | ND(0.78) J                   | ND(0.78) J                   | ND(1.4) J                    |
| Pentachlorophenol                                    | ND(2.5)                      | ND(26)                       | ND(1.9)                      | ND(1.9)                      | ND(2.0)                      | ND(2.0)                      | ND(3.4)                      |
| Phenacetin                                           | ND(0.98)                     | ND(5.2)                      | ND(0.76)                     | ND(0.74)                     | ND(0.78)                     | ND(0.78)                     | ND(1.4)                      |
| Phenanthrene                                         | 1.3                          | 2.1 J                        | 0.86                         | 0.14 J                       | 0.76                         | ND(0.39)                     | 3.8                          |
| Phenol                                               | 0.40 J                       | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| Pronamide                                            | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| Pyrene                                               | 2.8                          | 12                           | 2.5                          | 0.27 J                       | 1.1                          | ND(0.39)                     | 11                           |
| Pyridine                                             | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| Safrole                                              | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37)                     | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |
| Thionazin                                            | ND(0.49)                     | ND(5.2)                      | ND(0.38)                     | ND(0.37) J                   | ND(0.39)                     | ND(0.39)                     | ND(0.68)                     |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | RA-3-SB-1<br>0-1<br>06/10/03 | RA-3-SB-1<br>1-3<br>06/10/03 | RA-3-SB-4<br>0-1<br>06/10/03 | RA-3-SB-4<br>1-3<br>06/10/03 | RA-3-SB-8<br>0-1<br>06/11/03 | RA-3-SB-8<br>1-3<br>06/11/03 | RA-3-SB-9<br>0-1<br>06/11/03 |
|------------------------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| <b>Furans</b>                                        |                              |                              |                              |                              |                              |                              |                              |
| 2,3,7,8-TCDF                                         | 0.000013 Y                   | 0.0014 Y                     | 0.000033 Y                   | 0.0000078 Y                  | 0.000011 Y                   | 0.0000065 Y                  | 0.00028 Y                    |
| TCDFs (total)                                        | 0.00012 J                    | 0.031 IJ                     | 0.000038 IJ                  | 0.000022 IJ                  | 0.000070 J                   | 0.000065                     | 0.0035 I                     |
| 1,2,3,7,8-PeCDF                                      | 0.0000094                    | 0.00025                      | 0.0000043                    | 0.0000028                    | 0.0000060                    | 0.0000058                    | 0.000081                     |
| 2,3,4,7,8-PeCDF                                      | 0.000011                     | 0.00036                      | 0.0000042                    | 0.0000026                    | 0.0000067                    | 0.0000095                    | 0.00017                      |
| PeCDFs (total)                                       | 0.00021                      | 0.028 I                      | 0.000070 I                   | 0.000027 I                   | 0.000086                     | 0.000078                     | 0.0032 I                     |
| 1,2,3,4,7,8-HxCDF                                    | 0.000022                     | 0.0040                       | 0.0000095                    | 0.0000060                    | 0.000014                     | 0.000018                     | 0.00041                      |
| 1,2,3,6,7,8-HxCDF                                    | 0.000018                     | 0.00089                      | 0.0000073                    | 0.0000035                    | 0.0000080                    | 0.0000080                    | 0.00023                      |
| 1,2,3,7,8,9-HxCDF                                    | 0.0000038                    | 0.000058                     | ND(0.0000038)                | 0.0000013                    | ND(0.0000033)                | ND(0.0000026)                | ND(0.000010)                 |
| 2,3,4,6,7,8-HxCDF                                    | 0.000012                     | 0.00036                      | 0.0000052                    | 0.0000021                    | 0.0000057                    | 0.0000072                    | 0.00013                      |
| HxCDFs (total)                                       | 0.00030                      | 0.030 I                      | 0.00017 I                    | 0.000022                     | 0.00011                      | 0.000056                     | 0.0043 I                     |
| 1,2,3,4,6,7,8-HpCDF                                  | 0.00013                      | 0.0032                       | 0.00010                      | ND(0.000020) X               | 0.000069 J                   | 0.000051 J                   | 0.00098 J                    |
| 1,2,3,4,7,8,9-HpCDF                                  | 0.000015                     | 0.00092                      | 0.000010                     | ND(0.0000039) X              | 0.0000047                    | 0.0000044                    | 0.00018                      |
| HpCDFs (total)                                       | 0.00036                      | 0.0080                       | 0.00039                      | 0.0000030                    | 0.00019 J                    | 0.000066 J                   | 0.0029 J                     |
| OCDF                                                 | 0.00020                      | 0.0016                       | 0.00028                      | 0.0000096                    | 0.000090                     | 0.000012                     | 0.0011                       |
| <b>Dioxins</b>                                       |                              |                              |                              |                              |                              |                              |                              |
| 2,3,7,8-TCDD                                         | 0.0000012                    | ND(0.0000046)                | ND(0.0000018)                | ND(0.0000026)                | ND(0.0000030)                | ND(0.0000025)                | ND(0.0000058)                |
| TCDDs (total)                                        | 0.0000040                    | 0.0012                       | ND(0.0000046)                | 0.000014                     | ND(0.0000077)                | 0.000014                     | ND(0.00011)                  |
| 1,2,3,7,8-PeCDD                                      | 0.0000068                    | ND(0.0000046)                | 0.0000048                    | 0.0000024                    | ND(0.0000054)                | ND(0.0000051)                | ND(0.0000041)                |
| PeCDDs (total)                                       | ND(0.0000082)                | ND(0.0016)                   | 0.0000075                    | 0.000013                     | ND(0.0000061)                | 0.000023                     | ND(0.00026)                  |
| 1,2,3,4,7,8-HxCDD                                    | 0.000015                     | 0.00019                      | 0.0000084                    | 0.0000037                    | 0.0000085                    | 0.0000035                    | 0.000032                     |
| 1,2,3,6,7,8-HxCDD                                    | 0.000029                     | 0.00034                      | 0.000038                     | 0.0000033                    | 0.000027                     | 0.0000052                    | 0.000089                     |
| 1,2,3,7,8,9-HxCDD                                    | 0.000024                     | 0.00027                      | 0.000016                     | 0.0000037                    | 0.000016                     | 0.0000071                    | 0.000089                     |
| HxCDDs (total)                                       | 0.00014                      | 0.0016                       | 0.00012                      | 0.000039                     | 0.00012                      | 0.000075                     | 0.00060                      |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.00039                      | 0.0016                       | 0.00095                      | 0.000013                     | 0.00038                      | 0.000038                     | 0.0013                       |
| HpCDDs (total)                                       | 0.00064                      | 0.0029                       | 0.0014                       | 0.000027                     | 0.00062 J                    | 0.000083                     | 0.0022                       |
| OCDD                                                 | 0.0022                       | 0.0038                       | 0.012                        | 0.00010                      | 0.0031                       | 0.00066                      | 0.0068                       |
| Total TEQs (WHO TEFs)                                | 0.000033                     | 0.0010                       | 0.000031                     | 0.0000074                    | 0.000018                     | 0.000012                     | 0.00025                      |
| <b>Inorganics</b>                                    |                              |                              |                              |                              |                              |                              |                              |
| Antimony                                             | 1.60 B                       | 5.20 B                       | ND(6.00)                     | ND(6.00)                     | 1.40 B                       | 1.60 B                       | 3.60 B                       |
| Arsenic                                              | 4.60                         | 8.50                         | 4.10                         | 8.90                         | 8.50                         | 8.40                         | 31.0                         |
| Barium                                               | ND(20.0)                     | 42.0                         | 42.0                         | 48.0                         | 38.0                         | 60.0                         | 150                          |
| Beryllium                                            | 0.160 B                      | 0.300 B                      | 0.280 B                      | 0.280 B                      | 0.170 B                      | 0.150 B                      | 0.270 B                      |
| Cadmium                                              | 0.660                        | 6.00                         | ND(0.500)                    | 0.0780 B                     | 0.640                        | 0.330 B                      | 13.0                         |
| Chromium                                             | 12.0                         | 29.0                         | 8.20                         | 9.50                         | 14.0                         | 19.0                         | 94.0                         |
| Cobalt                                               | 9.40                         | 5.80                         | 6.90                         | 6.30                         | 3.90 B                       | 4.00 B                       | 6.00                         |
| Copper                                               | 48.0                         | 370                          | 19.0                         | 120                          | 160                          | 150                          | 590                          |
| Cyanide                                              | 1.80 J                       | 0.860 J                      | 0.0440 J                     | 0.0790 J                     | 0.320 J                      | 0.160 J                      | 1.10 J                       |
| Lead                                                 | 130                          | 580                          | 31.0                         | 92.0                         | 170 J                        | 160 J                        | 400 J                        |
| Mercury                                              | 0.220                        | 2.00 J                       | 0.0590 B                     | 0.0930 B                     | 0.0800 B                     | 0.0180 B                     | 2.10                         |
| Nickel                                               | 26.0                         | 28.0                         | 14.0                         | 30.0                         | 28.0 J                       | 36.0 J                       | 32.0 J                       |
| Selenium                                             | ND(1.10) J                   | 0.940 J                      | 0.620 J                      | 0.730 J                      | 0.670 J                      | 1.40 J                       | 1.40 J                       |
| Silver                                               | 0.320 B                      | 5.00 J                       | ND(1.00)                     | ND(1.00)                     | ND(1.00)                     | ND(1.00)                     | 17.0                         |
| Sulfide                                              | 9.40                         | 200                          | 38.0                         | 14.0                         | 15.0                         | ND(5.80)                     | 880                          |
| Thallium                                             | ND(1.50) J                   | ND(1.60) J                   | ND(1.10) J                   | ND(1.10) J                   | 1.70 J                       | 2.00 J                       | ND(2.00) J                   |
| Tin                                                  | ND(10.0)                     | 52.0 J                       | ND(10.0)                     | ND(11.0)                     | ND(18.0)                     | ND(14.0)                     | 78.0                         |
| Vanadium                                             | 19.0                         | 19.0                         | 12.0                         | 12.0                         | 16.0                         | 14.0                         | 55.0                         |
| Zinc                                                 | 240                          | 300                          | 54.0                         | 120                          | 250                          | 190                          | 2400                         |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
 (Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | RA-3-SB-9<br>1-3<br>06/11/03 | RA-3-SB-11<br>0-1<br>06/11/03 | RA-3-SB-11<br>1-3<br>06/11/03 | RA-3-SB-15<br>0-1<br>06/11/03 | RA-3-SB-15<br>1-3<br>06/11/03 | RA-4-SB-3<br>0-1<br>06/11/03 |
|------------------------------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| <b>Volatile Organics</b>                             |                              |                               |                               |                               |                               |                              |
| 1,1,1,2-Tetrachloroethane                            | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| 1,1,1-Trichloroethane                                | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| 1,1,2,2-Tetrachloroethane                            | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| 1,1,2-Trichloroethane                                | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| 1,1-Dichloroethane                                   | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| 1,1-Dichloroethene                                   | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| 1,2,3-Trichloropropane                               | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| 1,2-Dibromo-3-chloropropane                          | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| 1,2-Dibromoethane                                    | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| 1,2-Dichloroethane                                   | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| 1,2-Dichloropropane                                  | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| 1,4-Dioxane                                          | ND(0.14) J                   | ND(0.12) J                    | ND(0.11) J [ND(0.11) J]       | ND(0.11) J                    | ND(0.11) J                    | ND(0.11) J                   |
| 2-Butanone                                           | ND(0.014)                    | ND(0.012)                     | ND(0.011) [ND(0.011)]         | ND(0.011)                     | ND(0.011)                     | ND(0.011)                    |
| 2-Chloro-1,3-butadiene                               | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| 2-Chloroethylvinylether                              | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| 2-Hexanone                                           | ND(0.014)                    | ND(0.012)                     | ND(0.011) [ND(0.011)]         | ND(0.011)                     | ND(0.011)                     | ND(0.011)                    |
| 3-Chloropropene                                      | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| 4-Methyl-2-pentanone                                 | ND(0.014)                    | ND(0.012)                     | ND(0.011) [ND(0.011)]         | ND(0.011)                     | ND(0.011)                     | ND(0.011)                    |
| Acetone                                              | 0.024 J                      | ND(0.024)                     | ND(0.022) [ND(0.022)]         | ND(0.022)                     | ND(0.022)                     | ND(0.022)                    |
| Acetonitrile                                         | ND(0.14) J                   | ND(0.12) J                    | ND(0.11) J [ND(0.11) J]       | ND(0.11) J                    | ND(0.11) J                    | ND(0.11) J                   |
| Acrolein                                             | ND(0.14) J                   | ND(0.12) J                    | ND(0.11) J [ND(0.11) J]       | ND(0.11) J                    | ND(0.11) J                    | ND(0.11) J                   |
| Acrylonitrile                                        | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| Benzene                                              | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| Bromodichloromethane                                 | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| Bromoform                                            | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| Bromomethane                                         | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| Carbon Disulfide                                     | ND(0.0070) J                 | ND(0.0060) J                  | ND(0.0056) J [ND(0.0056) J]   | ND(0.0054) J                  | ND(0.0055) J                  | ND(0.0055) J                 |
| Carbon Tetrachloride                                 | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| Chlorobenzene                                        | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| Chloroethane                                         | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| Chloroform                                           | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| Chloromethane                                        | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| cis-1,3-Dichloropropene                              | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| Dibromochloromethane                                 | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| Dibromomethane                                       | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| Dichlorodifluoromethane                              | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| Ethyl Methacrylate                                   | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| Ethylbenzene                                         | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| Iodomethane                                          | ND(0.0070) J                 | ND(0.0060) J                  | ND(0.0056) J [ND(0.0056) J]   | ND(0.0054) J                  | ND(0.0055) J                  | ND(0.0055) J                 |
| Isobutanol                                           | ND(0.14) J                   | ND(0.12) J                    | ND(0.11) J [ND(0.11) J]       | ND(0.11) J                    | ND(0.11) J                    | ND(0.11) J                   |
| Methacrylonitrile                                    | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| Methyl Methacrylate                                  | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| Methylene Chloride                                   | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| Propionitrile                                        | ND(0.014)                    | ND(0.012)                     | ND(0.011) [ND(0.011)]         | ND(0.011)                     | ND(0.011)                     | ND(0.011)                    |
| Styrene                                              | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| Tetrachloroethene                                    | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| Toluene                                              | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| trans-1,2-Dichloroethene                             | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| trans-1,3-Dichloropropene                            | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| trans-1,4-Dichloro-2-butene                          | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| Trichloroethene                                      | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| Trichlorofluoromethane                               | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| Vinyl Acetate                                        | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| Vinyl Chloride                                       | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| Xylenes (total)                                      | ND(0.0070)                   | ND(0.0060)                    | ND(0.0056) [ND(0.0056)]       | ND(0.0054)                    | ND(0.0055)                    | ND(0.0055)                   |
| <b>Semivolatile Organics</b>                         |                              |                               |                               |                               |                               |                              |
| 1,2,4,5-Tetrachlorobenzene                           | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| 1,2,4-Trichlorobenzene                               | 0.52 J                       | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| 1,2-Dichlorobenzene                                  | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| 1,2-Diphenylhydrazine                                | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | RA-3-SB-9<br>1-3<br>06/11/03 | RA-3-SB-11<br>0-1<br>06/11/03 | RA-3-SB-11<br>1-3<br>06/11/03 | RA-3-SB-15<br>0-1<br>06/11/03 | RA-3-SB-15<br>1-3<br>06/11/03 | RA-4-SB-3<br>0-1<br>06/11/03 |
|------------------------------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                              |                               |                               |                               |                               |                              |
| 1,3,5-Trinitrobenzene                                | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| 1,3-Dichlorobenzene                                  | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| 1,3-Dinitrobenzene                                   | ND(0.94)                     | ND(0.81)                      | ND(0.74) [ND(0.75)]           | ND(0.73)                      | ND(0.73)                      | ND(0.74)                     |
| 1,4-Dichlorobenzene                                  | 0.53 J                       | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| 1,4-Naphthoquinone                                   | ND(0.94) J                   | ND(0.81) J                    | ND(0.74) J [ND(0.75) J]       | ND(0.73) J                    | ND(0.73) J                    | ND(0.74) J                   |
| 1-Naphthylamine                                      | ND(0.94)                     | ND(0.81)                      | ND(0.74) [ND(0.75)]           | ND(0.73)                      | ND(0.73)                      | ND(0.74)                     |
| 2,3,4,6-Tetrachlorophenol                            | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| 2,4,5-Trichlorophenol                                | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| 2,4,6-Trichlorophenol                                | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| 2,4-Dichlorophenol                                   | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| 2,4-Dimethylphenol                                   | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | 1.8                           | 2.3                           | ND(0.37)                     |
| 2,4-Dinitrophenol                                    | ND(3.0) J                    | ND(2.4) J                     | ND(1.9) J [ND(1.9) J]         | ND(1.8) J                     | ND(1.8) J                     | ND(1.9) J                    |
| 2,4-Dinitrotoluene                                   | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| 2,6-Dichlorophenol                                   | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| 2,6-Dinitrotoluene                                   | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| 2-Acetylaminofluorene                                | ND(0.94)                     | ND(0.81)                      | ND(0.74) [ND(0.75)]           | ND(0.73)                      | ND(0.73)                      | ND(0.74)                     |
| 2-Chloronaphthalene                                  | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | 0.39                          | ND(0.36)                      | ND(0.37)                     |
| 2-Chlorophenol                                       | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| 2-Methylnaphthalene                                  | 0.58 J                       | 0.46 J                        | 1.9 [1.8]                     | 48                            | 51                            | 0.28 J                       |
| 2-Methylphenol                                       | 1.8                          | ND(0.47)                      | ND(0.37) [ND(0.37)]           | 1.2                           | 1.6                           | ND(0.37)                     |
| 2-Naphthylamine                                      | ND(0.94)                     | ND(0.81)                      | ND(0.74) [ND(0.75)]           | ND(0.73)                      | ND(0.73)                      | ND(0.74)                     |
| 2-Nitroaniline                                       | ND(3.0)                      | ND(2.4)                       | ND(1.9) [ND(1.9)]             | ND(1.8)                       | ND(1.8)                       | ND(1.9)                      |
| 2-Nitrophenol                                        | ND(0.94)                     | ND(0.81)                      | ND(0.74) [ND(0.75)]           | ND(0.73)                      | ND(0.73)                      | ND(0.74)                     |
| 2-Picoline                                           | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| 3&4-Methylphenol                                     | ND(0.94)                     | ND(0.81)                      | ND(0.74) [ND(0.75)]           | 3.1                           | 4.1                           | ND(0.74)                     |
| 3,3'-Dichlorobenzidine                               | ND(1.2)                      | ND(0.94)                      | ND(0.74) [ND(0.75)]           | ND(0.73)                      | ND(0.73)                      | ND(0.74)                     |
| 3,3'-Dimethylbenzidine                               | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| 3-Methylcholanthrene                                 | ND(0.94)                     | ND(0.81)                      | ND(0.74) [ND(0.75)]           | ND(0.73)                      | ND(0.73)                      | ND(0.74)                     |
| 3-Nitroaniline                                       | ND(3.0)                      | ND(2.4)                       | ND(1.9) [ND(1.9)]             | ND(1.8)                       | ND(1.8)                       | ND(1.9)                      |
| 4,6-Dinitro-2-methylphenol                           | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| 4-Aminobiphenyl                                      | ND(0.94)                     | ND(0.81)                      | ND(0.74) [ND(0.75)]           | ND(0.73)                      | ND(0.73)                      | ND(0.74)                     |
| 4-Bromophenyl-phenylether                            | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| 4-Chloro-3-Methylphenol                              | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| 4-Chloroaniline                                      | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| 4-Chlorobenzilate                                    | ND(0.94)                     | ND(0.81)                      | ND(0.74) [ND(0.75)]           | ND(0.73)                      | ND(0.73)                      | ND(0.74)                     |
| 4-Chlorophenyl-phenylether                           | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| 4-Nitroaniline                                       | ND(2.4)                      | ND(2.1)                       | ND(1.9) [ND(1.9)]             | ND(1.8)                       | ND(1.8)                       | ND(1.9)                      |
| 4-Nitrophenol                                        | ND(3.0) J                    | ND(2.4) J                     | ND(1.9) J [ND(1.9) J]         | ND(1.8) J                     | ND(1.8) J                     | ND(1.9) J                    |
| 4-Nitroquinoline-1-oxide                             | ND(0.94) J                   | ND(0.81) J                    | ND(0.74) J [ND(0.75) J]       | ND(0.73) J                    | ND(0.73) J                    | ND(0.74) J                   |
| 4-Phenylenediamine                                   | ND(0.94)                     | ND(0.81)                      | ND(0.74) [ND(0.75)]           | ND(0.73)                      | ND(0.73)                      | ND(0.74)                     |
| 5-Nitro-o-toluidine                                  | ND(0.94)                     | ND(0.81)                      | ND(0.74) [ND(0.75)]           | ND(0.73)                      | ND(0.73)                      | ND(0.74)                     |
| 7,12-Dimethylbenz(a)anthracene                       | ND(0.94)                     | ND(0.81)                      | ND(0.74) [ND(0.75)]           | ND(0.73)                      | ND(0.73)                      | ND(0.74)                     |
| a,a'-Dimethylphenethylamine                          | ND(0.94)                     | ND(0.81)                      | ND(0.74) [ND(0.75)]           | ND(0.73)                      | ND(0.73)                      | ND(0.74)                     |
| Acenaphthene                                         | ND(0.60)                     | 0.71                          | 2.1 [2.9]                     | 98                            | 92                            | 1.0                          |
| Acenaphthylene                                       | 1.1                          | 1.3                           | 2.6 [2.7]                     | ND(0.36)                      | ND(0.36)                      | 1.3                          |
| Acetophenone                                         | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| Aniline                                              | 33                           | ND(0.47)                      | 0.18 J [0.19 J]               | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| Anthracene                                           | ND(0.60)                     | 2.3                           | 6.9 [8.1]                     | 150                           | 130                           | 1.8                          |
| Aramite                                              | ND(0.94)                     | ND(0.81)                      | ND(0.74) [ND(0.75)]           | ND(0.73)                      | ND(0.73)                      | ND(0.74)                     |
| Benzidine                                            | ND(1.2)                      | ND(0.94)                      | ND(0.74) [ND(0.75)]           | ND(0.73)                      | ND(0.73)                      | ND(0.74)                     |
| Benzo(a)anthracene                                   | 2.4                          | 7.4                           | 16 [21]                       | 190                           | 150                           | 4.5                          |
| Benzo(a)pyrene                                       | 2.6                          | 6.1                           | 3.3 [4.5]                     | 140                           | 120                           | 3.8                          |
| Benzo(b)fluoranthene                                 | 4.1                          | 7.8                           | 17 [21]                       | 160                           | 92                            | 4.4                          |
| Benzo(g,h,i)perylene                                 | 2.0                          | 4.3                           | 9.4 [10]                      | 86                            | 79                            | 3.0                          |
| Benzo(k)fluoranthene                                 | 1.6                          | 2.9                           | 5.9 [8.0]                     | 65                            | 59                            | 1.8                          |
| Benzyl Alcohol                                       | ND(1.2)                      | ND(0.94)                      | ND(0.74) [ND(0.75)]           | ND(0.73)                      | ND(0.73)                      | ND(0.74)                     |
| bis(2-Chloroethoxy)methane                           | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| bis(2-Chloroethyl)ether                              | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| bis(2-Chloroisopropyl)ether                          | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| bis(2-Ethylhexyl)phthalate                           | 2.6                          | ND(0.40)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.36)                     |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | RA-3-SB-9<br>1-3<br>06/11/03 | RA-3-SB-11<br>0-1<br>06/11/03 | RA-3-SB-11<br>1-3<br>06/11/03 | RA-3-SB-15<br>0-1<br>06/11/03 | RA-3-SB-15<br>1-3<br>06/11/03 | RA-4-SB-3<br>0-1<br>06/11/03 |
|------------------------------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                              |                               |                               |                               |                               |                              |
| Butylbenzylphthalate                                 | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| Chrysene                                             | 3.7                          | 8.0                           | 17 [21]                       | 170                           | 140                           | 4.3                          |
| Diallate                                             | ND(0.94)                     | ND(0.81)                      | ND(0.74) [ND(0.75)]           | ND(0.73)                      | ND(0.73)                      | ND(0.74)                     |
| Dibenzof(a,h)anthracene                              | ND(0.60)                     | 1.1                           | 0.81 [0.96]                   | 36                            | 23 J                          | 0.80                         |
| Dibenzofuran                                         | ND(0.60)                     | 0.44 J                        | 2.0 [2.2]                     | 58                            | 53                            | 0.41                         |
| Diethylphthalate                                     | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| Dimethylphthalate                                    | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| Di-n-Butylphthalate                                  | ND(0.60)                     | 0.24 J                        | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | 0.51                         |
| Di-n-Octylphthalate                                  | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| Diphenylamine                                        | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| Ethyl Methanesulfonate                               | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| Fluoranthene                                         | 1.7                          | 22                            | 38 [45]                       | 490                           | 390                           | 9.7                          |
| Fluorene                                             | ND(0.60)                     | 0.71                          | 3.2 [3.8]                     | 100                           | 90                            | 0.89                         |
| Hexachlorobenzene                                    | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| Hexachlorobutadiene                                  | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| Hexachlorocyclopentadiene                            | ND(0.60) J                   | ND(0.47) J                    | ND(0.37) J [ND(0.37) J]       | ND(0.36) J                    | ND(0.36) J                    | ND(0.37) J                   |
| Hexachloroethane                                     | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| Hexachlorophene                                      | ND(1.2) J                    | ND(0.94) J                    | ND(0.74) J [ND(0.75) J]       | ND(0.73) J                    | ND(0.73) J                    | ND(0.74) J                   |
| Hexachloropropene                                    | ND(0.60) J                   | ND(0.47) J                    | ND(0.37) J [ND(0.37) J]       | ND(0.36) J                    | ND(0.36) J                    | ND(0.37) J                   |
| Indeno(1,2,3-cd)pyrene                               | 1.7                          | 3.7                           | 8.4 [8.9]                     | 78                            | 64                            | 2.5                          |
| Isodrin                                              | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| Isophorone                                           | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| Isosafrole                                           | ND(0.94)                     | ND(0.81)                      | ND(0.74) [ND(0.75)]           | ND(0.73)                      | ND(0.73)                      | ND(0.74)                     |
| Methapyrilene                                        | ND(0.94)                     | ND(0.81)                      | ND(0.74) [ND(0.75)]           | ND(0.73)                      | ND(0.73)                      | ND(0.74)                     |
| Methyl Methanesulfonate                              | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| Naphthalene                                          | 0.62                         | 0.90                          | 2.4 [1.7]                     | 130                           | 160                           | 0.50                         |
| Nitrobenzene                                         | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| N-Nitrosodiethylamine                                | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| N-Nitrosodimethylamine                               | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| N-Nitroso-di-n-butylamine                            | ND(0.94)                     | ND(0.81)                      | ND(0.74) [ND(0.75)]           | ND(0.73)                      | ND(0.73)                      | ND(0.74)                     |
| N-Nitroso-di-n-propylamine                           | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| N-Nitrosodiphenylamine                               | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| N-Nitrosomethylethylamine                            | ND(0.94)                     | ND(0.81)                      | ND(0.74) [ND(0.75)]           | ND(0.73)                      | ND(0.73)                      | ND(0.74)                     |
| N-Nitrosomorpholine                                  | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| N-Nitrosopiperidine                                  | ND(0.60) J                   | ND(0.47) J                    | ND(0.37) J [ND(0.37) J]       | ND(0.36) J                    | ND(0.36) J                    | ND(0.37) J                   |
| N-Nitrosopyrrolidine                                 | ND(0.94)                     | ND(0.81)                      | ND(0.74) [ND(0.75)]           | ND(0.73)                      | ND(0.73)                      | ND(0.74)                     |
| o,o,o-Triethylphosphorothioate                       | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| o-Toluidine                                          | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| p-Dimethylaminoazobenzene                            | ND(0.94)                     | ND(0.81)                      | ND(0.74) [ND(0.75)]           | ND(0.73)                      | ND(0.73)                      | ND(0.74)                     |
| Pentachlorobenzene                                   | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| Pentachloroethane                                    | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| Pentachloronitrobenzene                              | ND(0.94) J                   | ND(0.81) J                    | ND(0.74) J [ND(0.75) J]       | ND(0.73) J                    | ND(0.73) J                    | ND(0.74) J                   |
| Pentachlorophenol                                    | ND(3.0)                      | ND(2.4)                       | ND(1.9) [ND(1.9)]             | ND(1.8)                       | ND(1.8)                       | ND(1.9)                      |
| Phenacetin                                           | ND(0.94)                     | ND(0.81)                      | ND(0.74) [ND(0.75)]           | ND(0.73)                      | ND(0.73)                      | ND(0.74)                     |
| Phenanthrene                                         | ND(0.60)                     | 9.4                           | 30 [33]                       | 570                           | 470                           | 5.8                          |
| Phenol                                               | 1.8                          | 0.83                          | 0.44 [0.42]                   | 2.1                           | 2.9                           | ND(0.37)                     |
| Pronamide                                            | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| Pyrene                                               | 7.6                          | 20                            | 33 [42]                       | 400                           | 290                           | 8.4                          |
| Pyridine                                             | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| Safrole                                              | ND(0.60)                     | ND(0.47)                      | ND(0.37) [ND(0.37)]           | ND(0.36)                      | ND(0.36)                      | ND(0.37)                     |
| Thionazin                                            | ND(0.60) J                   | ND(0.47) J                    | ND(0.37) J [ND(0.37) J]       | ND(0.36) J                    | ND(0.36) J                    | ND(0.37) J                   |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | RA-3-SB-9<br>1-3<br>06/11/03 | RA-3-SB-11<br>0-1<br>06/11/03 | RA-3-SB-11<br>1-3<br>06/11/03 | RA-3-SB-15<br>0-1<br>06/11/03 | RA-3-SB-15<br>1-3<br>06/11/03 | RA-4-SB-3<br>0-1<br>06/11/03 |
|------------------------------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| <b>Furans</b>                                        |                              |                               |                               |                               |                               |                              |
| 2,3,7,8-TCDF                                         | 0.0022 Y                     | 0.000035 Y                    | 0.000010 Y [0.0000081 Y]      | 0.0000018 Y                   | 0.0000026 Y                   | 0.000053 Y                   |
| TCDFs (total)                                        | 0.044 I                      | 0.00045 I                     | 0.000041 J [0.000070 IJ]      | 0.000014 I                    | 0.000011 I                    | 0.00049 I                    |
| 1,2,3,7,8-PeCDF                                      | 0.00074                      | 0.000014                      | 0.0000042 [0.0000064]         | 0.0000088                     | ND(0.00000021)                | 0.000022                     |
| 2,3,4,7,8-PeCDF                                      | 0.00048                      | 0.000020                      | 0.0000043 [0.0000068]         | 0.0000011                     | 0.0000011                     | 0.000023                     |
| PeCDFs (total)                                       | 0.032 I                      | 0.00039 I                     | 0.000047 J [0.000084 IJ]      | 0.000018 I                    | 0.000014 I                    | 0.00038 I                    |
| 1,2,3,4,7,8-HxCDF                                    | 0.0089 I                     | 0.000026                      | 0.000010 [0.000011]           | 0.0000024                     | 0.0000021                     | 0.000041                     |
| 1,2,3,6,7,8-HxCDF                                    | 0.0023                       | 0.000021                      | 0.0000068 [0.0000079]         | 0.0000021                     | 0.0000012                     | 0.000027                     |
| 1,2,3,7,8,9-HxCDF                                    | 0.00024                      | 0.0000016                     | ND(0.00000038) [0.0000022]    | ND(0.00000016)                | ND(0.00000014)                | ND(0.00000032)               |
| 2,3,4,6,7,8-HxCDF                                    | 0.00054                      | 0.000017                      | 0.0000037 [0.0000047]         | 0.0000012                     | 0.00000099                    | 0.000014                     |
| HxCDFs (total)                                       | 0.048 I                      | 0.00044 I                     | 0.000069 [0.00010 I]          | 0.000029 I                    | 0.000023                      | 0.00040 I                    |
| 1,2,3,4,6,7,8-HpCDF                                  | 0.0072 J                     | ND(0.000080) X                | 0.000030 J [0.000024 J]       | 0.000015 J                    | 0.0000070 J                   | 0.000089 J                   |
| 1,2,3,4,7,8,9-HpCDF                                  | 0.0038                       | 0.000011                      | 0.0000077 [0.0000057]         | 0.0000032                     | ND(0.00000023)                | 0.000012                     |
| HpCDFs (total)                                       | 0.020 IJ                     | 0.00016 J                     | 0.000073 J [0.000053 J]       | 0.000031 J                    | 0.000015 J                    | 0.00020 J                    |
| OCDF                                                 | 0.0046                       | 0.00010                       | 0.000024 [0.000021]           | 0.0000084                     | 0.0000059                     | 0.000054                     |
| <b>Dioxins</b>                                       |                              |                               |                               |                               |                               |                              |
| 2,3,7,8-TCDD                                         | 0.000090                     | 0.000023                      | ND(0.00000038) [0.0000030]    | ND(0.00000014)                | ND(0.00000060)                | ND(0.00000039)               |
| TCDDs (total)                                        | 0.0014                       | 0.000031                      | 0.0000021 J [0.0000042 J]     | 0.0000028                     | ND(0.00000020)                | 0.000010                     |
| 1,2,3,7,8-PeCDD                                      | ND(0.000043)                 | 0.000013                      | ND(0.00000058) [0.0000036]    | ND(0.00000045)                | ND(0.00000033)                | ND(0.00000020)               |
| PeCDDs (total)                                       | ND(0.00053)                  | 0.000013                      | 0.0000013 J [0.0000037 J]     | ND(0.000012)                  | ND(0.0000068)                 | ND(0.000058)                 |
| 1,2,3,4,7,8-HxCDD                                    | 0.00023                      | 0.000015                      | ND(0.00000040) [0.0000047]    | 0.0000034                     | 0.0000019                     | 0.000013                     |
| 1,2,3,6,7,8-HxCDD                                    | 0.00041                      | 0.000037                      | 0.0000037 [0.0000052]         | 0.0000054                     | 0.00000083                    | 0.000027                     |
| 1,2,3,7,8,9-HxCDD                                    | 0.00033                      | 0.000036                      | 0.0000035 [0.0000043]         | 0.0000049                     | ND(0.00000018)                | 0.000024                     |
| HxCDDs (total)                                       | 0.0040                       | 0.00020                       | 0.000027 [0.000022]           | 0.000022                      | 0.0000043                     | 0.00012                      |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.0035                       | 0.00041                       | 0.000049 [0.000034]           | 0.000068                      | 0.0000090                     | 0.00030                      |
| HpCDDs (total)                                       | 0.0064                       | 0.00069                       | 0.000093 [0.000062]           | 0.00011                       | 0.000017                      | 0.00050                      |
| OCDD                                                 | 0.0091                       | 0.0022                        | 0.000025 [0.000022]           | 0.00037                       | 0.000052                      | 0.0016                       |
| Total TEQs (WHO TEFs)                                | 0.0020                       | 0.000070                      | 0.0000075 [0.000016]          | 0.0000039                     | 0.0000019                     | 0.000038                     |
| <b>Inorganics</b>                                    |                              |                               |                               |                               |                               |                              |
| Antimony                                             | 1.10 B                       | 1.10 B                        | 1.20 B [ND(6.00)]             | ND(6.00)                      | ND(6.00)                      | ND(6.00)                     |
| Arsenic                                              | 10.0                         | 6.60                          | 9.90 [8.20]                   | 6.50                          | 8.10                          | 7.50                         |
| Barium                                               | 16.0 B                       | 38.0                          | 58.0 [48.0]                   | 56.0                          | 50.0                          | 46.0                         |
| Beryllium                                            | 0.150 B                      | 0.120 B                       | 0.200 B [0.180 B]             | 0.200 B                       | 0.170 B                       | 0.250 B                      |
| Cadmium                                              | 1.30                         | 0.450 B                       | 0.240 B [0.100 B]             | 0.0820 B                      | ND(0.500)                     | 0.0840 B                     |
| Chromium                                             | 12.0                         | 10.0                          | 9.60 [8.00]                   | 6.00                          | 6.70                          | 7.40                         |
| Cobalt                                               | 8.60                         | 4.70 B                        | 8.40 [8.20]                   | 4.60 B                        | 6.90                          | 7.20                         |
| Copper                                               | 130                          | 54.0                          | 100 [89.0]                    | 46.0                          | 32.0                          | 34.0                         |
| Cyanide                                              | 0.540 J                      | 0.320 J                       | 3.80 J [3.30 J]               | 0.210 J                       | 0.0790 J                      | 0.200 J                      |
| Lead                                                 | 380 J                        | 160 J                         | 150 J [95.0 J]                | 110 J                         | 76.0 J                        | 61.0 J                       |
| Mercury                                              | 5.50                         | 1.00                          | 2.80 [1.70]                   | 0.370                         | 0.150                         | 0.280                        |
| Nickel                                               | 19.0 J                       | 19.0 J                        | 59.0 J [27.0 J]               | 10.0 J                        | 14.0 J                        | 15.0 J                       |
| Selenium                                             | 1.00 J                       | ND(1.00) J                    | ND(1.00) J [ND(1.00) J]       | ND(1.00) J                    | ND(1.00) J                    | 0.690 J                      |
| Silver                                               | 1.40                         | ND(1.00)                      | ND(1.00) [ND(1.00)]           | ND(1.00)                      | 0.150 B                       | ND(1.00)                     |
| Sulfide                                              | 1300                         | 42.0                          | 8.90 [ND(5.60)]               | 14.0                          | 63.0                          | 19.0                         |
| Thallium                                             | ND(1.40) J                   | 1.00 J                        | ND(1.10) J [ND(1.10) J]       | ND(1.10) J                    | ND(1.10) J                    | ND(1.10) J                   |
| Tin                                                  | 22.0                         | ND(13.0)                      | 150 [99.0]                    | ND(10.0)                      | ND(10.0)                      | ND(10.0)                     |
| Vanadium                                             | 5.50                         | 25.0                          | 16.0 [13.0]                   | 8.80                          | 7.50                          | 16.0                         |
| Zinc                                                 | 99.0                         | 140                           | 170 [120]                     | 120                           | 88.0                          | 87.0                         |



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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | RA-4-SB-3<br>1-3<br>06/11/03 | RA-4-SB-7<br>0-1<br>06/11/03 | RA-4-SB-7<br>1-3<br>06/11/03 | RA-4-SB-10<br>0-1<br>06/11/03 | RA-4-SB-10<br>1-3<br>06/11/03 | RA-4-SB-13<br>0-1<br>06/12/03 | RA-4-SB-13<br>1-3<br>06/12/03 |
|------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| <b>Volatile Organics</b>                             |                              |                              |                              |                               |                               |                               |                               |
| 1,1,1,2-Tetrachloroethane                            | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| 1,1,1-Trichloroethane                                | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| 1,1,2,2-Tetrachloroethane                            | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| 1,1,2-Trichloroethane                                | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| 1,1-Dichloroethane                                   | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| 1,1-Dichloroethene                                   | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| 1,2,3-Trichloropropane                               | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| 1,2-Dibromo-3-chloropropane                          | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| 1,2-Dibromoethane                                    | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| 1,2-Dichloroethane                                   | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| 1,2-Dichloropropane                                  | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| 1,4-Dioxane                                          | ND(0.11) J                   | ND(0.12) J                   | ND(0.11) J                   | ND(0.12) J                    | ND(0.12) J                    | ND(0.12) J                    | ND(0.12) J                    |
| 2-Butanone                                           | ND(0.011)                    | ND(0.012)                    | ND(0.011)                    | ND(0.012)                     | ND(0.012)                     | ND(0.012)                     | ND(0.012)                     |
| 2-Chloro-1,3-butadiene                               | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| 2-Chloroethylvinylether                              | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| 2-Hexanone                                           | ND(0.011)                    | ND(0.012)                    | ND(0.011)                    | ND(0.012)                     | ND(0.012)                     | ND(0.012)                     | ND(0.012)                     |
| 3-Chloropropene                                      | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| 4-Methyl-2-pentanone                                 | ND(0.011)                    | ND(0.012)                    | ND(0.011)                    | ND(0.012)                     | ND(0.012)                     | ND(0.012)                     | ND(0.012)                     |
| Acetone                                              | ND(0.023)                    | ND(0.024)                    | ND(0.022)                    | ND(0.025)                     | ND(0.023)                     | ND(0.024)                     | ND(0.023)                     |
| Acetonitrile                                         | ND(0.11) J                   | ND(0.12) J                   | ND(0.11) J                   | ND(0.12) J                    | ND(0.12) J                    | ND(0.12) J                    | ND(0.12) J                    |
| Acrolein                                             | ND(0.11) J                   | ND(0.12) J                   | ND(0.11) J                   | ND(0.12) J                    | ND(0.12) J                    | ND(0.12) J                    | ND(0.12) J                    |
| Acrylonitrile                                        | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| Benzene                                              | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| Bromodichloromethane                                 | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| Bromoform                                            | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| Bromomethane                                         | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| Carbon Disulfide                                     | ND(0.0057) J                 | ND(0.0061) J                 | ND(0.0054) J                 | ND(0.0062) J                  | ND(0.0058) J                  | ND(0.0060) J                  | ND(0.0058) J                  |
| Carbon Tetrachloride                                 | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| Chlorobenzene                                        | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| Chloroethane                                         | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| Chloroform                                           | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| Chloromethane                                        | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| cis-1,3-Dichloropropene                              | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| Dibromochloromethane                                 | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| Dibromomethane                                       | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| Dichlorodifluoromethane                              | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| Ethyl Methacrylate                                   | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| Ethylbenzene                                         | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| Iodomethane                                          | ND(0.0057) J                 | ND(0.0061) J                 | ND(0.0054) J                 | ND(0.0062) J                  | ND(0.0058) J                  | ND(0.0060) J                  | ND(0.0058) J                  |
| Isobutanol                                           | ND(0.11) J                   | ND(0.12) J                   | ND(0.11) J                   | ND(0.12) J                    | ND(0.12) J                    | ND(0.12) J                    | ND(0.12) J                    |
| Methacrylonitrile                                    | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| Methyl Methacrylate                                  | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| Methylene Chloride                                   | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| Propionitrile                                        | ND(0.011)                    | ND(0.012)                    | ND(0.011)                    | ND(0.012)                     | ND(0.012)                     | ND(0.012)                     | ND(0.012)                     |
| Styrene                                              | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| Tetrachloroethene                                    | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| Toluene                                              | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| trans-1,2-Dichloroethene                             | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| trans-1,3-Dichloropropene                            | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| trans-1,4-Dichloro-2-butene                          | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| Trichloroethene                                      | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| Trichlorofluoromethane                               | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| Vinyl Acetate                                        | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| Vinyl Chloride                                       | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| Xylenes (total)                                      | ND(0.0057)                   | ND(0.0061)                   | ND(0.0054)                   | ND(0.0062)                    | ND(0.0058)                    | ND(0.0060)                    | ND(0.0058)                    |
| <b>Semivolatile Organics</b>                         |                              |                              |                              |                               |                               |                               |                               |
| 1,2,4,5-Tetrachlorobenzene                           | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| 1,2,4-Trichlorobenzene                               | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| 1,2-Dichlorobenzene                                  | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| 1,2-Diphenylhydrazine                                | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Parameter<br>Date Collected: | RA-4-SB-3<br>1-3<br>06/11/03 | RA-4-SB-7<br>0-1<br>06/11/03 | RA-4-SB-7<br>1-3<br>06/11/03 | RA-4-SB-10<br>0-1<br>06/11/03 | RA-4-SB-10<br>1-3<br>06/11/03 | RA-4-SB-13<br>0-1<br>06/12/03 | RA-4-SB-13<br>1-3<br>06/12/03 |
|-------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| <b>Semivolatile Organics (continued)</b>                          |                              |                              |                              |                               |                               |                               |                               |
| 1,3,5-Trinitrobenzene                                             | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| 1,3-Dichlorobenzene                                               | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| 1,3-Dinitrobenzene                                                | ND(0.77)                     | ND(0.82)                     | ND(0.73)                     | ND(0.84)                      | ND(0.77)                      | ND(0.80)                      | ND(0.78)                      |
| 1,4-Dichlorobenzene                                               | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| 1,4-Naphthoquinone                                                | ND(0.77) J                   | ND(0.82) J                   | ND(0.73) J                   | ND(0.84) J                    | ND(0.77) J                    | ND(0.80)                      | ND(0.78)                      |
| 1-Naphthylamine                                                   | ND(0.77)                     | ND(0.82)                     | ND(0.73)                     | ND(0.84)                      | ND(0.77)                      | ND(0.80)                      | ND(0.78)                      |
| 2,3,4,6-Tetrachlorophenol                                         | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| 2,4,5-Trichlorophenol                                             | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| 2,4,6-Trichlorophenol                                             | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| 2,4-Dichlorophenol                                                | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| 2,4-Dimethylphenol                                                | 0.28 J                       | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| 2,4-Dinitrophenol                                                 | ND(2.2) J                    | ND(2.1) J                    | ND(1.8) J                    | ND(2.3) J                     | ND(2.0) J                     | ND(2.2) J                     | ND(2.0) J                     |
| 2,4-Dinitrotoluene                                                | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| 2,6-Dichlorophenol                                                | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| 2,6-Dinitrotoluene                                                | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| 2-Acetylaminofluorene                                             | ND(0.77)                     | ND(0.82)                     | ND(0.73)                     | ND(0.84)                      | ND(0.77)                      | ND(0.80)                      | ND(0.78)                      |
| 2-Chloronaphthalene                                               | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| 2-Chlorophenol                                                    | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| 2-Methylnaphthalene                                               | 0.12 J                       | ND(0.41)                     | ND(0.36)                     | 0.27 J                        | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| 2-Methylphenol                                                    | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | 0.21 J                        | ND(0.45)                      | ND(0.39)                      |
| 2-Naphthylamine                                                   | ND(0.77)                     | ND(0.82)                     | ND(0.73)                     | ND(0.84)                      | ND(0.77)                      | ND(0.80)                      | ND(0.78)                      |
| 2-Nitroaniline                                                    | ND(2.2)                      | ND(2.1)                      | ND(1.8)                      | ND(2.3)                       | ND(2.0)                       | ND(2.2)                       | ND(2.0)                       |
| 2-Nitrophenol                                                     | ND(0.77)                     | ND(0.82)                     | ND(0.73)                     | ND(0.84)                      | ND(0.77)                      | ND(0.80)                      | ND(0.78)                      |
| 2-Picoline                                                        | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| 3&4-Methylphenol                                                  | ND(0.77)                     | ND(0.82)                     | ND(0.73)                     | ND(0.84)                      | ND(0.77)                      | ND(0.80)                      | ND(0.78)                      |
| 3,3'-Dichlorobenzidine                                            | ND(0.88)                     | ND(0.82)                     | ND(0.73)                     | ND(0.92)                      | ND(0.77)                      | ND(0.90)                      | ND(0.78)                      |
| 3,3'-Dimethylbenzidine                                            | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| 3-Methylcholanthrene                                              | ND(0.77)                     | ND(0.82)                     | ND(0.73)                     | ND(0.84)                      | ND(0.77)                      | ND(0.80)                      | ND(0.78)                      |
| 3-Nitroaniline                                                    | ND(2.2)                      | ND(2.1)                      | ND(1.8)                      | ND(2.3)                       | ND(2.0)                       | ND(2.2)                       | ND(2.0)                       |
| 4,6-Dinitro-2-methylphenol                                        | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| 4-Aminobiphenyl                                                   | ND(0.77)                     | ND(0.82)                     | ND(0.73)                     | ND(0.84)                      | ND(0.77)                      | ND(0.80)                      | ND(0.78)                      |
| 4-Bromophenyl-phenylether                                         | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| 4-Chloro-3-Methylphenol                                           | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| 4-Chloroaniline                                                   | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| 4-Chlorobenzilate                                                 | ND(0.77)                     | ND(0.82)                     | ND(0.73)                     | ND(0.84)                      | ND(0.77)                      | ND(0.80)                      | ND(0.78)                      |
| 4-Chlorophenyl-phenylether                                        | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| 4-Nitroaniline                                                    | ND(1.9)                      | ND(2.1)                      | ND(1.8)                      | ND(2.1)                       | ND(2.0)                       | ND(2.0)                       | ND(2.0)                       |
| 4-Nitrophenol                                                     | ND(2.2) J                    | ND(2.1) J                    | ND(1.8) J                    | ND(2.3) J                     | ND(2.0) J                     | ND(2.2) J                     | ND(2.0) J                     |
| 4-Nitroquinoline-1-oxide                                          | ND(0.77) J                   | ND(0.82) J                   | ND(0.73) J                   | ND(0.84) J                    | ND(0.77) J                    | ND(0.80)                      | ND(0.78)                      |
| 4-Phenylenediamine                                                | ND(0.77)                     | ND(0.82)                     | ND(0.73)                     | ND(0.84)                      | ND(0.77)                      | ND(0.80)                      | ND(0.78)                      |
| 5-Nitro-o-toluidine                                               | ND(0.77)                     | ND(0.82)                     | ND(0.73)                     | ND(0.84)                      | ND(0.77)                      | ND(0.80)                      | ND(0.78)                      |
| 7,12-Dimethylbenz(a)anthracene                                    | ND(0.77)                     | ND(0.82)                     | ND(0.73)                     | ND(0.84)                      | ND(0.77)                      | ND(0.80)                      | ND(0.78)                      |
| a,a'-Dimethylphenethylamine                                       | ND(0.77)                     | ND(0.82)                     | ND(0.73)                     | ND(0.84)                      | ND(0.77)                      | ND(0.80)                      | ND(0.78)                      |
| Acenaphthene                                                      | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| Acenaphthylene                                                    | 1.1                          | 0.17 J                       | 0.91                         | 2.0                           | 0.31 J                        | 0.11 J                        | 0.098 J                       |
| Acetophenone                                                      | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| Aniline                                                           | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | 1.1                           | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| Anthracene                                                        | 0.59                         | ND(0.41)                     | 0.52                         | 1.5                           | 0.12 J                        | ND(0.45)                      | ND(0.39)                      |
| Aramite                                                           | ND(0.77)                     | ND(0.82)                     | ND(0.73)                     | ND(0.84)                      | ND(0.77)                      | ND(0.80)                      | ND(0.78)                      |
| Benzidine                                                         | ND(0.88)                     | ND(0.82)                     | ND(0.73)                     | ND(0.92)                      | ND(0.77)                      | ND(0.90)                      | ND(0.78) J                    |
| Benzo(a)anthracene                                                | 1.7                          | ND(0.41)                     | 1.4                          | 3.6                           | 0.22 J                        | 0.34 J                        | 0.12 J                        |
| Benzo(a)pyrene                                                    | 1.6                          | ND(0.41)                     | 1.6                          | 4.0                           | 0.30 J                        | 0.33 J                        | ND(0.39)                      |
| Benzo(b)fluoranthene                                              | 2.2                          | ND(0.41)                     | 2.1                          | 5.3                           | 0.35 J                        | 0.27 J                        | 0.15 J                        |
| Benzo(g,h,i)perylene                                              | 1.2                          | ND(0.41)                     | 1.5                          | 4.4                           | 0.33 J                        | ND(0.45)                      | ND(0.39)                      |
| Benzo(k)fluoranthene                                              | 0.79                         | ND(0.41)                     | 0.87                         | 2.0                           | 0.13 J                        | 0.18 J                        | ND(0.39)                      |
| Benzyl Alcohol                                                    | ND(0.88)                     | ND(0.82)                     | ND(0.73)                     | ND(0.92)                      | ND(0.77)                      | ND(0.90)                      | ND(0.78)                      |
| bis(2-Chloroethoxy)methane                                        | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| bis(2-Chloroethyl)ether                                           | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45) J                    | ND(0.39)                      |
| bis(2-Chloroisopropyl)ether                                       | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45) J                    | ND(0.39)                      |
| bis(2-Ethylhexyl)phthalate                                        | ND(0.38)                     | ND(0.40)                     | ND(0.36)                     | ND(0.41)                      | ND(0.38)                      | ND(0.40)                      | ND(0.39)                      |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | RA-4-SB-3<br>1-3<br>06/11/03 | RA-4-SB-7<br>0-1<br>06/11/03 | RA-4-SB-7<br>1-3<br>06/11/03 | RA-4-SB-10<br>0-1<br>06/11/03 | RA-4-SB-10<br>1-3<br>06/11/03 | RA-4-SB-13<br>0-1<br>06/12/03 | RA-4-SB-13<br>1-3<br>06/12/03 |
|------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                              |                              |                              |                               |                               |                               |                               |
| Butylbenzylphthalate                                 | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| Chrysene                                             | 2.0                          | ND(0.41)                     | 1.5                          | 4.3                           | 0.25 J                        | 0.45 J                        | 0.15 J                        |
| Diallate                                             | ND(0.77)                     | ND(0.82)                     | ND(0.73)                     | ND(0.84)                      | ND(0.77)                      | ND(0.80)                      | ND(0.78)                      |
| Dibenzo(a,h)anthracene                               | ND(0.44)                     | ND(0.41)                     | 0.43                         | 0.99                          | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| Dibenzofuran                                         | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| Diethylphthalate                                     | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| Dimethylphthalate                                    | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| Di-n-Butylphthalate                                  | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | 0.68                          | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| Di-n-Octylphthalate                                  | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| Diphenylamine                                        | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| Ethyl Methanesulfonate                               | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| Fluoranthene                                         | 3.4                          | 0.11 J                       | 2.4                          | 8.3                           | 0.44                          | 0.89                          | 0.30 J                        |
| Fluorene                                             | 0.26 J                       | ND(0.41)                     | 0.11 J                       | 0.30 J                        | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| Hexachlorobenzene                                    | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| Hexachlorobutadiene                                  | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| Hexachlorocyclopentadiene                            | ND(0.44) J                   | ND(0.41) J                   | ND(0.36) J                   | ND(0.46) J                    | ND(0.38) J                    | ND(0.45) J                    | ND(0.39) J                    |
| Hexachloroethane                                     | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| Hexachlorophene                                      | ND(0.88) J                   | ND(0.82) J                   | ND(0.73) J                   | ND(0.92) J                    | ND(0.77) J                    | ND(0.90) J                    | ND(0.78) J                    |
| Hexachloropropene                                    | ND(0.44) J                   | ND(0.41) J                   | ND(0.36) J                   | ND(0.46) J                    | ND(0.38) J                    | ND(0.45) J                    | ND(0.39) J                    |
| Indeno(1,2,3-cd)pyrene                               | 1.1                          | ND(0.41)                     | 1.2                          | 3.3                           | 0.22 J                        | ND(0.45)                      | 0.12 J                        |
| Isodrin                                              | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| Isophorone                                           | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| Isosafrole                                           | ND(0.77)                     | ND(0.82)                     | ND(0.73)                     | ND(0.84)                      | ND(0.77)                      | ND(0.80)                      | ND(0.78)                      |
| Methapyrilene                                        | ND(0.77)                     | ND(0.82)                     | ND(0.73)                     | ND(0.84)                      | ND(0.77)                      | ND(0.80)                      | ND(0.78)                      |
| Methyl Methanesulfonate                              | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| Naphthalene                                          | 0.13 J                       | ND(0.41)                     | 0.075 J                      | 0.31 J                        | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| Nitrobenzene                                         | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| N-Nitrosodiethylamine                                | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| N-Nitrosodimethylamine                               | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| N-Nitroso-di-n-butylamine                            | ND(0.77)                     | ND(0.82)                     | ND(0.73)                     | ND(0.84)                      | ND(0.77)                      | ND(0.80)                      | ND(0.78)                      |
| N-Nitroso-di-n-propylamine                           | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| N-Nitrosodiphenylamine                               | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| N-Nitrosomethylethylamine                            | ND(0.77)                     | ND(0.82)                     | ND(0.73)                     | ND(0.84)                      | ND(0.77)                      | ND(0.80)                      | ND(0.78)                      |
| N-Nitrosomorpholine                                  | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| N-Nitrosopiperidine                                  | ND(0.44) J                   | ND(0.41) J                   | ND(0.36) J                   | ND(0.46) J                    | ND(0.38) J                    | ND(0.45) J                    | ND(0.39) J                    |
| N-Nitrosopyrrolidine                                 | ND(0.77)                     | ND(0.82)                     | ND(0.73)                     | ND(0.84)                      | ND(0.77)                      | ND(0.80)                      | ND(0.78)                      |
| o,o,o-Triethylphosphorothioate                       | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| o-Toluidine                                          | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| p-Dimethylaminoazobenzene                            | ND(0.77)                     | ND(0.82)                     | ND(0.73)                     | ND(0.84)                      | ND(0.77)                      | ND(0.80)                      | ND(0.78)                      |
| Pentachlorobenzene                                   | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| Pentachloroethane                                    | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| Pentachloronitrobenzene                              | ND(0.77) J                   | ND(0.82) J                   | ND(0.73) J                   | ND(0.84) J                    | ND(0.77) J                    | ND(0.80) J                    | ND(0.78) J                    |
| Pentachlorophenol                                    | ND(2.2)                      | ND(2.1)                      | ND(1.8)                      | ND(2.3)                       | ND(2.0)                       | ND(2.2)                       | ND(2.0)                       |
| Phenacetin                                           | ND(0.77)                     | ND(0.82)                     | ND(0.73)                     | ND(0.84)                      | ND(0.77)                      | ND(0.80)                      | ND(0.78)                      |
| Phenanthrene                                         | 1.8                          | 0.090 J                      | 0.65                         | 2.8                           | 0.18 J                        | 0.45                          | 0.14 J                        |
| Phenol                                               | 0.67                         | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | 0.75                          | ND(0.45)                      | ND(0.39)                      |
| Pronamide                                            | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| Pyrene                                               | 3.3                          | 0.10 J                       | 2.4                          | 7.5                           | 0.46                          | 0.86                          | 0.28 J                        |
| Pyridine                                             | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| Safrole                                              | ND(0.44)                     | ND(0.41)                     | ND(0.36)                     | ND(0.46)                      | ND(0.38)                      | ND(0.45)                      | ND(0.39)                      |
| Thionazin                                            | ND(0.44) J                   | ND(0.41) J                   | ND(0.36) J                   | ND(0.46) J                    | ND(0.38) J                    | ND(0.45) J                    | ND(0.39) J                    |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | RA-4-SB-3<br>1-3<br>06/11/03 | RA-4-SB-7<br>0-1<br>06/11/03 | RA-4-SB-7<br>1-3<br>06/11/03 | RA-4-SB-10<br>0-1<br>06/11/03 | RA-4-SB-10<br>1-3<br>06/11/03 | RA-4-SB-13<br>0-1<br>06/12/03 | RA-4-SB-13<br>1-3<br>06/12/03 |
|------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| <b>Furans</b>                                        |                              |                              |                              |                               |                               |                               |                               |
| 2,3,7,8-TCDF                                         | 0.000073 Y                   | ND(0.0000012)                | 0.0000050 Y                  | 0.00019 Y                     | 0.000025 Y                    | ND(0.000021) Y                | ND(0.000020) Y                |
| TCDFs (total)                                        | 0.00081 I                    | ND(0.0000012)                | 0.000036                     | 0.0017 I                      | 0.00028 I                     | 0.00045                       | 0.00014                       |
| 1,2,3,7,8-PeCDF                                      | 0.000039                     | ND(0.0000047)                | 0.0000076                    | 0.000098                      | 0.000020                      | 0.000015                      | ND(0.0000063) X               |
| 2,3,4,7,8-PeCDF                                      | 0.000035                     | ND(0.0000028)                | 0.0000078                    | 0.000096                      | 0.000018                      | 0.000011                      | ND(0.0000048) X               |
| PeCDFs (total)                                       | 0.00090 I                    | ND(0.0000032)                | 0.000056                     | 0.0020 I                      | 0.00041 I                     | 0.00024                       | 0.000035                      |
| 1,2,3,4,7,8-HxCDF                                    | 0.000065                     | ND(0.0000050)                | 0.000014                     | 0.00016                       | 0.000033                      | 0.00021 I                     | 0.000086 I                    |
| 1,2,3,6,7,8-HxCDF                                    | 0.000047                     | 0.0000026                    | 0.0000093                    | 0.00010                       | 0.000031                      | 0.0000078                     | 0.0000054                     |
| 1,2,3,7,8,9-HxCDF                                    | 0.000023                     | ND(0.0000011)                | 0.0000053                    | ND(0.0000021)                 | 0.0000088                     | ND(0.0000016)                 | ND(0.0000011)                 |
| 2,3,4,6,7,8-HxCDF                                    | 0.000019                     | 0.00000097                   | ND(0.00000063)               | 0.000064                      | 0.000014                      | ND(0.0000080) X               | ND(0.0000092)                 |
| HxCDFs (total)                                       | 0.00073 I                    | 0.000034                     | 0.000076                     | 0.0021 I                      | 0.00035 I                     | 0.00047                       | 0.00014                       |
| 1,2,3,4,6,7,8-HpCDF                                  | 0.00010 J                    | 0.000023 J                   | 0.000026 J                   | 0.00035 J                     | 0.000062 J                    | 0.000046                      | 0.000045                      |
| 1,2,3,4,7,8,9-HpCDF                                  | 0.000019                     | ND(0.00000085)               | 0.000010                     | 0.000045                      | 0.000020                      | 0.0000052                     | ND(0.0000013)                 |
| HpCDFs (total)                                       | 0.00023 J                    | 0.000040 J                   | 0.000056 J                   | 0.00085 J                     | 0.00013 J                     | 0.000052                      | 0.000045                      |
| OCDF                                                 | 0.000055                     | 0.000014                     | 0.000032                     | 0.00030                       | 0.000062                      | 0.000053                      | 0.00020                       |
| <b>Dioxins</b>                                       |                              |                              |                              |                               |                               |                               |                               |
| 2,3,7,8-TCDD                                         | ND(0.00000064)               | ND(0.0000026)                | ND(0.0000056)                | 0.0000042                     | 0.0000019                     | ND(0.0000012)                 | ND(0.0000011)                 |
| TCDDs (total)                                        | 0.0000042                    | ND(0.0000013)                | ND(0.0000047)                | 0.000030                      | 0.0000067                     | ND(0.0000012)                 | ND(0.0000011)                 |
| 1,2,3,7,8-PeCDD                                      | ND(0.00000042)               | ND(0.0000011)                | ND(0.0000018)                | ND(0.00000028)                | 0.0000096                     | ND(0.0000040)                 | ND(0.0000039)                 |
| PeCDDs (total)                                       | ND(0.0000040)                | ND(0.0000010)                | ND(0.000016)                 | ND(0.000010)                  | 0.0000096                     | ND(0.0000040)                 | ND(0.0000039)                 |
| 1,2,3,4,7,8-HxCDD                                    | 0.0000030                    | 0.0000055                    | 0.0000076                    | 0.0000099                     | 0.000012                      | ND(0.0000030)                 | ND(0.0000024)                 |
| 1,2,3,6,7,8-HxCDD                                    | ND(0.0000010)                | 0.000011                     | 0.0000072                    | 0.000022                      | 0.000012                      | ND(0.0000027)                 | 0.0000087                     |
| 1,2,3,7,8,9-HxCDD                                    | ND(0.0000010)                | 0.0000091                    | ND(0.00000075)               | 0.000020                      | 0.000011                      | ND(0.0000027)                 | 0.0000066                     |
| HxCDDs (total)                                       | 0.000017                     | 0.000057                     | 0.000014                     | 0.00020                       | 0.000043                      | ND(0.0000027)                 | 0.000015                      |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.000013                     | 0.00013                      | 0.000031                     | 0.00053                       | 0.000041                      | 0.000076                      | 0.000018                      |
| HpCDDs (total)                                       | 0.000025                     | 0.00021                      | 0.000055                     | 0.0011                        | 0.000075                      | 0.00016                       | 0.00030                       |
| OCDD                                                 | 0.000052                     | 0.00058                      | 0.00022                      | 0.0029                        | 0.00021                       | 0.00045                       | 0.0011                        |
| Total TEQs (WHO TEFs)                                | 0.000042                     | 0.0000066                    | 0.000011                     | 0.00012                       | 0.000037                      | 0.000034                      | 0.000018                      |
| <b>Inorganics</b>                                    |                              |                              |                              |                               |                               |                               |                               |
| Antimony                                             | 1.10 B                       | ND(6.00)                     | ND(6.00)                     | 1.80 B                        | ND(6.00)                      | 1.70 B                        | 1.10 B                        |
| Arsenic                                              | 7.00                         | 3.30                         | 5.50                         | 8.80                          | 9.60                          | 5.20                          | 8.90                          |
| Barium                                               | 82.0                         | 38.0                         | 26.0                         | 67.0                          | 51.0                          | 39.0                          | 36.0                          |
| Beryllium                                            | 0.270 B                      | 0.330 B                      | 0.220 B                      | 0.300 B                       | 0.440 B                       | 0.210 B                       | 0.430 B                       |
| Cadmium                                              | 0.260 B                      | ND(0.500)                    | 0.100 B                      | 1.30                          | ND(0.500)                     | 0.220 B                       | ND(0.500)                     |
| Chromium                                             | 6.90                         | 9.20                         | 7.10                         | 12.0                          | 10.0                          | 8.10                          | 9.40                          |
| Cobalt                                               | 12.0                         | 8.00                         | 6.30                         | 30.0                          | 14.0                          | 6.80                          | 13.0                          |
| Copper                                               | 39.0                         | 14.0                         | 31.0                         | 120                           | 29.0                          | 28.0                          | 26.0                          |
| Cyanide                                              | 0.210 J                      | 0.0660 J                     | 0.0700 J                     | 0.400 J                       | 0.0550 J                      | 0.480                         | 0.470                         |
| Lead                                                 | 65.0 J                       | 5.80 J                       | 58.0 J                       | 370 J                         | 24.0 J                        | 82.0                          | 28.0                          |
| Mercury                                              | 0.570                        | ND(0.120)                    | 0.0560 B                     | 0.550                         | 0.0640 B                      | 0.730                         | 0.0590 B                      |
| Nickel                                               | 13.0 J                       | 13.0 J                       | 14.0 J                       | 52.0 J                        | 26.0 J                        | 12.0                          | 24.0                          |
| Selenium                                             | ND(1.00) J                   | ND(1.00) J                   | ND(1.00) J                   | 1.10 J                        | 0.780 J                       | ND(1.20) J                    | ND(1.20) J                    |
| Silver                                               | 0.500 B                      | ND(1.00)                     | ND(1.00)                     | 0.320 B                       | ND(1.00)                      | ND(1.00)                      | ND(1.00)                      |
| Sulfide                                              | 26.0                         | 670                          | 16.0                         | 560                           | 28.0                          | 7.70                          | ND(5.80)                      |
| Thallium                                             | ND(1.10) J                   | ND(1.20) J                   | ND(1.10) J                   | ND(1.20) J                    | ND(1.20) J                    | 6.20 J                        | 6.60 J                        |
| Tin                                                  | ND(10.0)                     | ND(10.0)                     | ND(10.0)                     | ND(10.0)                      | ND(10.0)                      | ND(10.0)                      | ND(10.0)                      |
| Vanadium                                             | 8.50                         | 12.0                         | 9.90                         | 25.0                          | 10.0                          | 11.0                          | 9.50                          |
| Zinc                                                 | 62.0                         | 41.0                         | 72.0                         | 310                           | 150                           | 84.0                          | 76.0                          |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | RA-5-SB-2<br>0-1<br>06/12/03 | RA-5-SB-2<br>1-3<br>06/12/03 | RA-5-SB-5<br>0-1<br>06/12/03 | RA-5-SB-5<br>1-3<br>06/12/03 |
|------------------------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| <b>Volatile Organics</b>                             |                              |                              |                              |                              |
| 1,1,1,2-Tetrachloroethane                            | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| 1,1,1-Trichloroethane                                | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| 1,1,2,2-Tetrachloroethane                            | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| 1,1,2-Trichloroethane                                | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| 1,1-Dichloroethane                                   | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| 1,1-Dichloroethene                                   | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| 1,2,3-Trichloropropane                               | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| 1,2-Dibromo-3-chloropropane                          | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| 1,2-Dibromoethane                                    | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| 1,2-Dichloroethane                                   | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| 1,2-Dichloropropane                                  | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| 1,4-Dioxane                                          | ND(0.13) J                   | ND(0.12) J                   | ND(0.13) J                   | ND(0.14) J                   |
| 2-Butanone                                           | ND(0.013)                    | ND(0.012)                    | ND(0.013)                    | ND(0.014)                    |
| 2-Chloro-1,3-butadiene                               | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| 2-Chloroethylvinylether                              | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| 2-Hexanone                                           | ND(0.013)                    | ND(0.012)                    | ND(0.013)                    | ND(0.014)                    |
| 3-Chloropropene                                      | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| 4-Methyl-2-pentanone                                 | ND(0.013)                    | ND(0.012)                    | ND(0.013)                    | ND(0.014)                    |
| Acetone                                              | ND(0.025)                    | ND(0.024)                    | ND(0.025)                    | ND(0.029)                    |
| Acetonitrile                                         | ND(0.13) J                   | ND(0.12) J                   | ND(0.13) J                   | ND(0.14) J                   |
| Acrolein                                             | ND(0.13) J                   | ND(0.12) J                   | ND(0.13) J                   | ND(0.14) J                   |
| Acrylonitrile                                        | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| Benzene                                              | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| Bromodichloromethane                                 | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| Bromoform                                            | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| Bromomethane                                         | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| Carbon Disulfide                                     | ND(0.0064) J                 | ND(0.0061) J                 | ND(0.0064) J                 | ND(0.0073) J                 |
| Carbon Tetrachloride                                 | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| Chlorobenzene                                        | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| Chloroethane                                         | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| Chloroform                                           | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| Chloromethane                                        | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| cis-1,3-Dichloropropene                              | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| Dibromochloromethane                                 | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| Dibromomethane                                       | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| Dichlorodifluoromethane                              | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| Ethyl Methacrylate                                   | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| Ethylbenzene                                         | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| Iodomethane                                          | ND(0.0064) J                 | ND(0.0061) J                 | ND(0.0064) J                 | ND(0.0073) J                 |
| Isobutanol                                           | ND(0.13) J                   | ND(0.12) J                   | ND(0.13) J                   | ND(0.14) J                   |
| Methacrylonitrile                                    | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| Methyl Methacrylate                                  | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| Methylene Chloride                                   | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| Propionitrile                                        | ND(0.013)                    | ND(0.012)                    | ND(0.013)                    | ND(0.014)                    |
| Styrene                                              | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| Tetrachloroethene                                    | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| Toluene                                              | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| trans-1,2-Dichloroethene                             | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| trans-1,3-Dichloropropene                            | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| trans-1,4-Dichloro-2-butene                          | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| Trichloroethene                                      | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| Trichlorofluoromethane                               | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| Vinyl Acetate                                        | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| Vinyl Chloride                                       | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| Xylenes (total)                                      | ND(0.0064)                   | ND(0.0061)                   | ND(0.0064)                   | ND(0.0073)                   |
| <b>Semivolatile Organics</b>                         |                              |                              |                              |                              |
| 1,2,4,5-Tetrachlorobenzene                           | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| 1,2,4-Trichlorobenzene                               | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| 1,2-Dichlorobenzene                                  | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| 1,2-Diphenylhydrazine                                | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | RA-5-SB-2<br>0-1<br>06/12/03 | RA-5-SB-2<br>1-3<br>06/12/03 | RA-5-SB-5<br>0-1<br>06/12/03 | RA-5-SB-5<br>1-3<br>06/12/03 |
|------------------------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                              |                              |                              |                              |
| 1,3,5-Trinitrobenzene                                | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| 1,3-Dichlorobenzene                                  | 0.31 J                       | 0.14 J                       | ND(0.89)                     | ND(0.48)                     |
| 1,3-Dinitrobenzene                                   | ND(1.2)                      | ND(0.82)                     | ND(0.89)                     | ND(0.97)                     |
| 1,4-Dichlorobenzene                                  | 0.69 J                       | 0.17 J                       | ND(0.89)                     | ND(0.48)                     |
| 1,4-Naphthoquinone                                   | ND(1.2)                      | ND(0.82)                     | ND(0.89)                     | ND(0.97)                     |
| 1-Naphthylamine                                      | ND(1.2)                      | ND(0.82)                     | ND(0.89)                     | ND(0.97)                     |
| 2,3,4,6-Tetrachlorophenol                            | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| 2,4,5-Trichlorophenol                                | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| 2,4,6-Trichlorophenol                                | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| 2,4-Dichlorophenol                                   | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| 2,4-Dimethylphenol                                   | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| 2,4-Dinitrophenol                                    | ND(5.9) J                    | ND(3.3) J                    | ND(4.4) J                    | ND(2.5) J                    |
| 2,4-Dinitrotoluene                                   | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| 2,6-Dichlorophenol                                   | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| 2,6-Dinitrotoluene                                   | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| 2-Acetylaminofluorene                                | ND(1.2)                      | ND(0.82)                     | ND(0.89)                     | ND(0.97)                     |
| 2-Chloronaphthalene                                  | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| 2-Chlorophenol                                       | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| 2-Methylnaphthalene                                  | 1.1 J                        | 0.72                         | ND(0.89)                     | ND(0.48)                     |
| 2-Methylphenol                                       | 5.6                          | 0.15 J                       | 0.94                         | 0.37 J                       |
| 2-Naphthylamine                                      | ND(1.2)                      | ND(0.82)                     | ND(0.89)                     | ND(0.97)                     |
| 2-Nitroaniline                                       | ND(5.9)                      | ND(3.3)                      | ND(4.4)                      | ND(2.5)                      |
| 2-Nitrophenol                                        | ND(1.2)                      | ND(0.82)                     | ND(0.89)                     | ND(0.97)                     |
| 2-Picoline                                           | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| 3&4-Methylphenol                                     | 12                           | ND(0.82)                     | 1.5                          | 0.46 J                       |
| 3,3'-Dichlorobenzidine                               | ND(2.4)                      | ND(1.3)                      | ND(1.8)                      | ND(0.97)                     |
| 3,3'-Dimethylbenzidine                               | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| 3-Methylcholanthrene                                 | ND(1.2)                      | ND(0.82)                     | ND(0.89)                     | ND(0.97)                     |
| 3-Nitroaniline                                       | ND(5.9)                      | ND(3.3)                      | ND(4.4)                      | ND(2.5)                      |
| 4,6-Dinitro-2-methylphenol                           | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| 4-Aminobiphenyl                                      | ND(1.2)                      | ND(0.82)                     | ND(0.89)                     | ND(0.97)                     |
| 4-Bromophenyl-phenylether                            | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| 4-Chloro-3-Methylphenol                              | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| 4-Chloroaniline                                      | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| 4-Chlorobenzilate                                    | ND(1.2)                      | ND(0.82)                     | ND(0.89)                     | ND(0.97)                     |
| 4-Chlorophenyl-phenylether                           | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| 4-Nitroaniline                                       | ND(2.2)                      | ND(2.1)                      | ND(2.2)                      | ND(2.5)                      |
| 4-Nitrophenol                                        | ND(5.9) J                    | ND(3.3) J                    | ND(4.4) J                    | ND(2.5) J                    |
| 4-Nitroquinoline-1-oxide                             | ND(1.2)                      | ND(0.82)                     | ND(0.89)                     | ND(0.97)                     |
| 4-Phenylenediamine                                   | ND(1.2)                      | ND(0.82)                     | ND(0.89)                     | ND(0.97)                     |
| 5-Nitro-o-toluidine                                  | ND(1.2)                      | ND(0.82)                     | ND(0.89)                     | ND(0.97)                     |
| 7,12-Dimethylbenz(a)anthracene                       | ND(1.2)                      | ND(0.82)                     | ND(0.89)                     | ND(0.97)                     |
| a,a'-Dimethylphenethylamine                          | ND(1.2)                      | ND(0.82)                     | ND(0.89)                     | ND(0.97)                     |
| Acenaphthene                                         | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| Acenaphthylene                                       | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| Acetophenone                                         | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| Aniline                                              | 180                          | 1.7                          | 0.45 J                       | 0.34 J                       |
| Anthracene                                           | 1.5                          | 0.59 J                       | ND(0.89)                     | 0.22 J                       |
| Aramite                                              | ND(1.2)                      | ND(0.82)                     | ND(0.89)                     | ND(0.97)                     |
| Benzidine                                            | ND(2.4) J                    | ND(1.3)                      | ND(1.8) J                    | ND(0.97) J                   |
| Benzo(a)anthracene                                   | 1.2                          | 1.5                          | 0.60 J                       | 0.43 J                       |
| Benzo(a)pyrene                                       | 0.82 J                       | 1.4                          | 0.59 J                       | 0.36 J                       |
| Benzo(b)fluoranthene                                 | 1.5                          | 1.4                          | 0.99                         | 0.49                         |
| Benzo(g,h,i)perylene                                 | 0.71 J                       | ND(0.65)                     | 0.65 J                       | 0.33 J                       |
| Benzo(k)fluoranthene                                 | 0.52 J                       | 1.5                          | 0.38 J                       | 0.18 J                       |
| Benzyl Alcohol                                       | ND(2.4)                      | ND(1.3)                      | ND(1.8)                      | ND(0.97)                     |
| bis(2-Chloroethoxy)methane                           | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| bis(2-Chloroethyl)ether                              | ND(1.2)                      | ND(0.65) J                   | ND(0.89)                     | ND(0.48)                     |
| bis(2-Chloroisopropyl)ether                          | ND(1.2)                      | ND(0.65) J                   | ND(0.89)                     | ND(0.48)                     |
| bis(2-Ethylhexyl)phthalate                           | ND(0.59)                     | ND(0.40)                     | 1.1                          | 0.36 J                       |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | RA-5-SB-2<br>0-1<br>06/12/03 | RA-5-SB-2<br>1-3<br>06/12/03 | RA-5-SB-5<br>0-1<br>06/12/03 | RA-5-SB-5<br>1-3<br>06/12/03 |
|------------------------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                              |                              |                              |                              |
| Butylbenzylphthalate                                 | ND(1.2)                      | ND(0.65)                     | 1.5                          | ND(0.48)                     |
| Chrysene                                             | 1.6                          | 2.5                          | 0.69 J                       | 0.44 J                       |
| Diallate                                             | ND(1.2)                      | ND(0.82)                     | ND(0.89)                     | ND(0.97)                     |
| Dibenzof(a,h)anthracene                              | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| Dibenzofuran                                         | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| Diethylphthalate                                     | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| Dimethylphthalate                                    | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| Di-n-Butylphthalate                                  | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| Di-n-Octylphthalate                                  | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| Diphenylamine                                        | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| Ethyl Methanesulfonate                               | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| Fluoranthene                                         | 3.4                          | 3.3                          | 1.5                          | 1.1                          |
| Fluorene                                             | 2.3                          | 0.91                         | ND(0.89)                     | 0.13 J                       |
| Hexachlorobenzene                                    | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| Hexachlorobutadiene                                  | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| Hexachlorocyclopentadiene                            | ND(1.2) J                    | ND(0.65) J                   | ND(0.89) J                   | ND(0.48) J                   |
| Hexachloroethane                                     | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| Hexachlorophene                                      | ND(2.4) J                    | ND(1.3) J                    | ND(1.8) J                    | ND(0.97) J                   |
| Hexachloropropene                                    | ND(1.2)                      | ND(0.65) J                   | ND(0.89)                     | ND(0.48)                     |
| Indeno(1,2,3-cd)pyrene                               | 0.57 J                       | 0.77                         | 0.50 J                       | 0.24 J                       |
| Isodrin                                              | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| Isophorone                                           | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| Isosafrole                                           | ND(1.2)                      | ND(0.82)                     | ND(0.89)                     | ND(0.97)                     |
| Methapyrene                                          | ND(1.2)                      | ND(0.82)                     | ND(0.89)                     | ND(0.97)                     |
| Methyl Methanesulfonate                              | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| Naphthalene                                          | 1.0 J                        | 0.56 J                       | ND(0.89)                     | ND(0.48)                     |
| Nitrobenzene                                         | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| N-Nitrosodiethylamine                                | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| N-Nitrosodimethylamine                               | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| N-Nitroso-di-n-butylamine                            | ND(1.2)                      | ND(0.82)                     | ND(0.89)                     | ND(0.97)                     |
| N-Nitroso-di-n-propylamine                           | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| N-Nitrosodiphenylamine                               | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| N-Nitrosomethylethylamine                            | ND(1.2)                      | ND(0.82)                     | ND(0.89)                     | ND(0.97)                     |
| N-Nitrosomorpholine                                  | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| N-Nitrosopiperidine                                  | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| N-Nitrosopyrrolidine                                 | ND(1.2)                      | ND(0.82)                     | ND(0.89)                     | ND(0.97)                     |
| o,o,o-Triethylphosphorothioate                       | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| o-Toluidine                                          | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| p-Dimethylaminoazobenzene                            | ND(1.2)                      | ND(0.82)                     | ND(0.89)                     | ND(0.97)                     |
| Pentachlorobenzene                                   | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| Pentachloroethane                                    | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| Pentachloronitrobenzene                              | ND(1.2) J                    | ND(0.82) J                   | ND(0.89) J                   | ND(0.97) J                   |
| Pentachlorophenol                                    | ND(5.9)                      | ND(3.3)                      | ND(4.4)                      | ND(2.5)                      |
| Phenacetin                                           | ND(1.2)                      | ND(0.82)                     | ND(0.89)                     | ND(0.97)                     |
| Phenanthrene                                         | 4.6                          | 2.8                          | 0.68 J                       | 0.71                         |
| Phenol                                               | 8.4                          | ND(0.65)                     | 4.3                          | 1.5                          |
| Pronamide                                            | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| Pyrene                                               | 5.8                          | 5.1                          | 1.2                          | 1.0                          |
| Pyridine                                             | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| Safrole                                              | ND(1.2)                      | ND(0.65)                     | ND(0.89)                     | ND(0.48)                     |
| Thionazin                                            | ND(1.2) J                    | ND(0.65)                     | ND(0.89) J                   | ND(0.48) J                   |

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

PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
 (Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | RA-5-SB-2<br>0-1<br>06/12/03 | RA-5-SB-2<br>1-3<br>06/12/03 | RA-5-SB-5<br>0-1<br>06/12/03 | RA-5-SB-5<br>1-3<br>06/12/03 |
|------------------------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| <b>Furans</b>                                        |                              |                              |                              |                              |
| 2,3,7,8-TCDF                                         | 0.0013 Y                     | 0.00016 Y                    | 0.000022 Y                   | 0.000034 Y                   |
| TCDFs (total)                                        | 0.011                        | 0.0037                       | 0.00019                      | 0.00057                      |
| 1,2,3,7,8-PeCDF                                      | 0.0018 I                     | 0.00046 I                    | 0.000029 I                   | 0.000054 I                   |
| 2,3,4,7,8-PeCDF                                      | 0.00076                      | 0.00013                      | 0.000024                     | 0.000032                     |
| PeCDFs (total)                                       | 0.0034                       | 0.00067                      | 0.00060                      | 0.00038                      |
| 1,2,3,4,7,8-HxCDF                                    | 0.030 I                      | 0.0058 I                     | 0.00060 I                    | ND(0.0000088)                |
| 1,2,3,6,7,8-HxCDF                                    | 0.0011                       | 0.00015                      | 0.000028                     | 0.000026                     |
| 1,2,3,7,8,9-HxCDF                                    | ND(0.000075)                 | ND(0.000025)                 | ND(0.0000020)                | ND(0.000011)                 |
| 2,3,4,6,7,8-HxCDF                                    | ND(0.00043) X                | 0.000078                     | 0.000051                     | 0.000044                     |
| HxCDFs (total)                                       | 0.044                        | 0.0086                       | 0.0023                       | 0.0014                       |
| 1,2,3,4,6,7,8-HpCDF                                  | 0.0024                       | 0.00044                      | 0.00057                      | 0.00034                      |
| 1,2,3,4,7,8,9-HpCDF                                  | 0.00078                      | 0.00018                      | ND(0.000028) X               | ND(0.000033) X               |
| HpCDFs (total)                                       | 0.0033                       | 0.00066                      | 0.00057                      | 0.00034                      |
| OCDF                                                 | 0.0019                       | 0.00033                      | 0.0013                       | 0.00068                      |
| <b>Dioxins</b>                                       |                              |                              |                              |                              |
| 2,3,7,8-TCDD                                         | ND(0.000036)                 | ND(0.00039) X                | ND(0.000015)                 | ND(0.0000092)                |
| TCDDs (total)                                        | 0.0018                       | 0.00043                      | ND(0.000015)                 | ND(0.0000092)                |
| 1,2,3,7,8-PeCDD                                      | ND(0.00021)                  | ND(0.000062)                 | ND(0.000010)                 | ND(0.000030)                 |
| PeCDDs (total)                                       | ND(0.00021)                  | ND(0.000062)                 | ND(0.000010)                 | ND(0.000030)                 |
| 1,2,3,4,7,8-HxCDD                                    | 0.00066                      | 0.00011                      | 0.000029                     | ND(0.000019)                 |
| 1,2,3,6,7,8-HxCDD                                    | 0.00054                      | 0.00011                      | 0.000088                     | 0.000054                     |
| 1,2,3,7,8,9-HxCDD                                    | 0.00052                      | 0.00010                      | 0.000058                     | ND(0.000017)                 |
| HxCDDs (total)                                       | 0.0017                       | 0.00033                      | 0.00018                      | 0.000054                     |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.0031                       | ND(0.00046) X                | 0.0018                       | 0.00092                      |
| HpCDDs (total)                                       | 0.0055                       | 0.00039                      | 0.0029                       | 0.0015                       |
| OCDD                                                 | 0.0060                       | 0.00077                      | 0.0097                       | 0.0046                       |
| Total TEQs (WHO TEFs)                                | 0.0041                       | 0.00097                      | 0.00013                      | 0.000070                     |
| <b>Inorganics</b>                                    |                              |                              |                              |                              |
| Antimony                                             | 1.50 B                       | ND(6.00)                     | 4.30 B                       | ND(6.00)                     |
| Arsenic                                              | 7.10                         | 7.00                         | 5.90                         | 1.90                         |
| Barium                                               | 48.0                         | 140                          | 54.0                         | 1600                         |
| Beryllium                                            | 0.300 B                      | 0.340 B                      | 0.240 B                      | 0.710                        |
| Cadmium                                              | 5.10                         | 1.60                         | 1.00                         | 0.450 B                      |
| Chromium                                             | 25.0                         | 11.0                         | 34.0                         | 26.0                         |
| Cobalt                                               | 8.90                         | 13.0                         | 11.0                         | 8.10                         |
| Copper                                               | 220                          | 120                          | 89.0                         | 37.0                         |
| Cyanide                                              | 0.980                        | 0.180 B                      | 0.0780 B                     | 0.540 B                      |
| Lead                                                 | 260                          | 370                          | 190                          | 8.20                         |
| Mercury                                              | 4.80                         | 0.350                        | 0.0910 B                     | 0.230                        |
| Nickel                                               | 27.0                         | 28.0                         | 26.0                         | 19.0                         |
| Selenium                                             | 1.00 J                       | 1.10 J                       | ND(1.30) J                   | ND(1.40) J                   |
| Silver                                               | 4.70                         | 0.500 B                      | 0.190 B                      | 0.400 B                      |
| Sulfide                                              | 290                          | 150                          | 14.0                         | 77.0                         |
| Thallium                                             | 1.10 J                       | ND(1.20) J                   | 7.70 J                       | 4.80 J                       |
| Tin                                                  | 27.0                         | 23.0                         | ND(10.0)                     | ND(11.0)                     |
| Vanadium                                             | 16.0                         | 7.80                         | 22.0                         | 25.0                         |
| Zinc                                                 | 230                          | 150                          | 330                          | 65.0                         |



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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Notes:

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

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

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

Inorganics

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

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 0-1<br>06/24/99 | 1-2<br>11/27/00 | 2-4<br>11/27/00 | 6-8<br>11/27/00 | 0-1<br>06/24/99 | 2-4<br>09/21/99 |
|------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <b>Volatile Organics</b>                             |                 |                 |                 |                 |                 |                 |
| 1,1,1,2-Tetrachloroethane                            | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| 1,1,1-Trichloroethane                                | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| 1,1,2,2-Tetrachloroethane                            | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| 1,1,2-Trichloroethane                                | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| 1,1-Dichloroethane                                   | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| 1,1-Dichloroethene                                   | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| 1,2,3-Trichloropropane                               | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| 1,2-Dibromo-3-chloropropane                          | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| 1,2-Dibromoethane                                    | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| 1,2-Dichloroethane                                   | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| 1,2-Dichloropropane                                  | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| 1,4-Dioxane                                          | ND(0.20)        | ND(0.20)        | ND(0.20)        | ND(0.20)        | ND(0.20)        | NA              |
| 2-Butanone                                           | ND(0.10)        | ND(0.10)        | ND(0.10)        | ND(0.10)        | ND(0.10)        | NA              |
| 2-Chloro-1,3-butadiene                               | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| 2-Chloroethylvinylether                              | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| 2-Hexanone                                           | ND(0.010)       | ND(0.018)       | ND(0.014)       | ND(0.013)       | ND(0.010)       | NA              |
| 3-Chloropropene                                      | ND(0.010)       | ND(0.018)       | ND(0.014)       | ND(0.013)       | ND(0.010)       | NA              |
| 4-Methyl-2-pentanone                                 | ND(0.010)       | ND(0.018)       | ND(0.014)       | ND(0.013)       | ND(0.010)       | NA              |
| Acetone                                              | ND(0.10)        | ND(0.10)        | ND(0.10)        | ND(0.10)        | ND(0.10)        | NA              |
| Acetonitrile                                         | ND(0.10)        | ND(0.18)        | ND(0.14)        | ND(0.13)        | ND(0.10)        | NA              |
| Acrolein                                             | ND(0.10)        | ND(0.18)        | ND(0.14)        | ND(0.13)        | ND(0.10)        | NA              |
| Acrylonitrile                                        | ND(0.010)       | ND(0.018)       | ND(0.014)       | ND(0.013)       | ND(0.010)       | NA              |
| Benzene                                              | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| Bromodichloromethane                                 | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| Bromoform                                            | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| Bromomethane                                         | ND(0.010)       | ND(0.018)       | ND(0.014)       | ND(0.013)       | ND(0.010)       | NA              |
| Carbon Disulfide                                     | ND(0.010)       | ND(0.010)       | ND(0.010)       | ND(0.010)       | ND(0.010)       | NA              |
| Carbon Tetrachloride                                 | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| Chlorobenzene                                        | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| Chloroethane                                         | ND(0.010)       | ND(0.018)       | ND(0.014)       | ND(0.013)       | ND(0.010)       | NA              |
| Chloroform                                           | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| Chloromethane                                        | ND(0.010)       | ND(0.018)       | ND(0.014)       | ND(0.013)       | ND(0.010)       | NA              |
| cis-1,3-Dichloropropene                              | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| Dibromochloromethane                                 | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| Dibromomethane                                       | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| Dichlorodifluoromethane                              | ND(0.010)       | ND(0.018)       | ND(0.014)       | ND(0.013)       | ND(0.010)       | NA              |
| Ethyl Methacrylate                                   | ND(0.010)       | ND(0.018)       | ND(0.014)       | ND(0.013)       | ND(0.010)       | NA              |
| Ethylbenzene                                         | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| Iodomethane                                          | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| Isobutanol                                           | ND(0.20)        | ND(0.37)        | ND(0.28)        | ND(0.26)        | ND(0.20)        | NA              |
| Methacrylonitrile                                    | ND(0.010)       | ND(0.018)       | ND(0.014)       | ND(0.013)       | ND(0.010)       | NA              |
| Methyl Methacrylate                                  | ND(0.010)       | ND(0.018)       | ND(0.014)       | ND(0.013)       | ND(0.010)       | NA              |
| Methylene Chloride                                   | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| Propionitrile                                        | ND(0.060)       | ND(0.092)       | ND(0.069)       | ND(0.065)       | ND(0.060)       | NA              |
| Styrene                                              | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| Tetrachloroethene                                    | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| Toluene                                              | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| trans-1,2-Dichloroethene                             | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| trans-1,3-Dichloropropene                            | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| trans-1,4-Dichloro-2-butene                          | ND(0.010)       | ND(0.018)       | ND(0.014)       | ND(0.013)       | ND(0.010)       | NA              |
| Trichloroethene                                      | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| Trichlorofluoromethane                               | ND(0.0060)      | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.0060)      | NA              |
| Vinyl Acetate                                        | ND(0.010)       | ND(0.018)       | ND(0.014)       | ND(0.013)       | ND(0.010)       | NA              |
| Vinyl Chloride                                       | ND(0.010)       | ND(0.018)       | ND(0.014)       | ND(0.013)       | ND(0.010)       | NA              |
| Xylenes (total)                                      | ND(0.010)       | ND(0.0092)      | ND(0.0069)      | ND(0.0065)      | ND(0.010)       | NA              |
| <b>Semivolatile Organics</b>                         |                 |                 |                 |                 |                 |                 |
| 1,2,4,5-Tetrachlorobenzene                           | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(1.0)         |
| 1,2,4-Trichlorobenzene                               | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.49)        |
| 1,2-Dichlorobenzene                                  | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.49)        |
| 1,2-Diphenylhydrazine                                | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.49)        |
| 1,3,5-Trinitrobenzene                                | ND(0.70)        | ND(4.0)         | ND(0.93)        | ND(0.87)        | ND(0.70)        | ND(1.0)         |
| 1,3-Dichlorobenzene                                  | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.49)        |
| 1,3-Dinitrobenzene                                   | ND(2.0)         | ND(10)          | ND(2.4)         | ND(2.2)         | ND(2.0)         | ND(1.0)         |
| 1,4-Dichlorobenzene                                  | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.49)        |
| 1,4-Naphthoquinone                                   | ND(2.0)         | ND(10)          | ND(2.4)         | ND(2.2)         | ND(2.0)         | ND(1.0)         |
| 1-Naphthylamine                                      | ND(2.0)         | ND(4.0)         | ND(2.4)         | ND(2.2)         | ND(2.0)         | ND(1.0)         |
| 2,3,4,6-Tetrachlorophenol                            | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(1.0)         |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 0-1<br>06/24/99 | 1-2<br>11/27/00 | 2-4<br>11/27/00 | 6-8<br>11/27/00 | 0-1<br>06/24/99 | 2-4<br>09/21/99 |
|------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <b>Semivolatile Organics (continued)</b>             |                 |                 |                 |                 |                 |                 |
| 2,4,5-Trichlorophenol                                | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(1.0)         |
| 2,4,6-Trichlorophenol                                | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(1.0)         |
| 2,4-Dichlorophenol                                   | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(1.0)         |
| 2,4-Dimethylphenol                                   | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(1.0)         |
| 2,4-Dinitrophenol                                    | ND(3.0)         | ND(3.1)         | ND(2.4)         | ND(2.2)         | ND(2.0)         | ND(4.5)         |
| 2,4-Dinitrotoluene                                   | ND(2.0)         | ND(3.1)         | ND(2.4)         | ND(2.2)         | ND(2.0)         | ND(0.49)        |
| 2,6-Dichlorophenol                                   | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(1.0)         |
| 2,6-Dinitrotoluene                                   | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.49)        |
| 2-Acetylaminofluorene                                | ND(0.70)        | ND(4.0)         | ND(0.93)        | ND(0.87)        | ND(0.70)        | ND(1.0)         |
| 2-Chloronaphthalene                                  | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.49)        |
| 2-Chlorophenol                                       | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(1.0)         |
| 2-Methylnaphthalene                                  | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.99)        |
| 2-Methylphenol                                       | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.49)        |
| 2-Naphthylamine                                      | ND(2.0)         | ND(4.0)         | ND(2.4)         | ND(2.2)         | ND(2.0)         | ND(1.0)         |
| 2-Nitroaniline                                       | ND(3.0)         | ND(3.1)         | ND(2.4)         | ND(2.2)         | ND(2.0)         | ND(1.9)         |
| 2-Nitrophenol                                        | ND(0.70)        | ND(2.0)         | ND(0.93)        | ND(0.87)        | ND(0.70)        | ND(1.0)         |
| 2-Picoline                                           | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(1.0)         |
| 3&4-Methylphenol                                     | ND(0.70)        | ND(2.0)         | ND(0.93)        | ND(0.87)        | ND(0.70)        | ND(1.0)         |
| 3,3'-Dichlorobenzidine                               | ND(2.0)         | ND(3.1)         | ND(2.4)         | ND(2.2)         | ND(2.0)         | ND(0.49)        |
| 3,3'-Dimethylbenzidine                               | ND(2.0)         | ND(10)          | ND(2.4)         | ND(2.2)         | ND(2.0)         | ND(0.49)        |
| 3-Methylcholanthrene                                 | ND(0.70)        | ND(2.0)         | ND(0.93)        | ND(0.87)        | ND(0.70)        | ND(1.0)         |
| 3-Nitroaniline                                       | ND(3.0)         | ND(3.1)         | ND(2.4)         | ND(2.2)         | ND(2.0)         | ND(1.9)         |
| 4,6-Dinitro-2-methylphenol                           | ND(3.0)         | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(2.0)         | ND(4.9)         |
| 4-Aminobiphenyl                                      | ND(0.70)        | ND(4.0)         | ND(0.93)        | ND(0.87)        | ND(0.70)        | ND(1.0)         |
| 4-Bromophenyl-phenylether                            | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.49)        |
| 4-Chloro-3-Methylphenol                              | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(1.0)         |
| 4-Chloroaniline                                      | ND(0.70)        | ND(2.0)         | ND(0.93)        | ND(0.87)        | ND(0.70)        | ND(0.49)        |
| 4-Chlorobenzilate                                    | ND(2.0)         | ND(10)          | ND(2.4)         | ND(2.2)         | ND(2.0)         | ND(1.0)         |
| 4-Chlorophenyl-phenylether                           | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.49)        |
| 4-Nitroaniline                                       | ND(3.0)         | ND(3.1)         | ND(2.4)         | ND(2.2)         | ND(2.0)         | ND(4.9)         |
| 4-Nitrophenol                                        | ND(3.0)         | ND(3.1)         | ND(2.4)         | ND(2.2)         | ND(2.0)         | ND(4.9)         |
| 4-Nitroquinoline-1-oxide                             | ND(2.0)         | ND(10)          | ND(2.4)         | ND(2.2)         | ND(2.0)         | ND(1.0)         |
| 4-Phenylenediamine                                   | ND(2.0)         | ND(10)          | ND(2.4)         | ND(2.2)         | ND(2.0)         | ND(1.0)         |
| 5-Nitro-o-toluidine                                  | ND(2.0)         | ND(10)          | ND(2.4)         | ND(2.2)         | ND(2.0)         | ND(1.0)         |
| 7,12-Dimethylbenz(a)anthracene                       | ND(0.70)        | ND(2.0)         | ND(0.93)        | ND(0.87)        | ND(0.70)        | ND(1.0)         |
| a,a'-Dimethylphenethylamine                          | ND(2.0)         | ND(10)          | ND(2.4)         | ND(2.2)         | ND(2.0)         | ND(1.0)         |
| Acenaphthene                                         | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.49)        |
| Acenaphthylene                                       | ND(0.60)        | 1.0 J           | ND(0.46)        | ND(0.43)        | 2.0             | ND(0.49)        |
| Acetophenone                                         | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(1.0)         |
| Aniline                                              | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.49)        |
| Anthracene                                           | ND(0.60)        | 2.9             | ND(0.46)        | ND(0.43)        | 1.0             | ND(0.49)        |
| Aramite                                              | ND(0.70)        | ND(4.0)         | ND(0.93)        | ND(0.87)        | ND(0.70)        | ND(1.0)         |
| Benzidine                                            | ND(0.70)        | ND(2.0)         | ND(0.93)        | ND(0.87)        | ND(0.70)        | ND(0.49)        |
| Benzo(a)anthracene                                   | ND(0.60)        | 11              | 1.2             | 0.44            | 4.0             | 0.22 J          |
| Benzo(a)pyrene                                       | ND(0.60)        | 8.8             | 2.1             | 0.67            | 4.0             | 0.27 J          |
| Benzo(b)fluoranthene                                 | ND(0.60)        | 5.4             | 1.2             | 0.49            | 5.0             | 0.18 J          |
| Benzo(g,h,i)perylene                                 | ND(0.60)        | 6.5             | 2.3             | 0.85            | 2.0             | 0.14 J          |
| Benzo(k)fluoranthene                                 | ND(0.60)        | 7.4             | 1.5             | 0.41 J          | 2.0             | 0.16 J          |
| Benzoic Acid                                         | NA              | NA              | NA              | NA              | NA              | NA              |
| Benzyl Alcohol                                       | ND(0.70)        | ND(2.0)         | ND(0.93)        | ND(0.87)        | ND(0.70)        | ND(1.9)         |
| bis(2-Chloroethoxy)methane                           | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.49)        |
| bis(2-Chloroethyl)ether                              | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.49)        |
| bis(2-Chloroisopropyl)ether                          | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.49)        |
| bis(2-Ethylhexyl)phthalate                           | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.49)        |
| Butylbenzylphthalate                                 | 1.0             | ND(2.0)         | ND(0.93)        | ND(0.87)        | 1.0             | ND(0.49)        |
| Chrysene                                             | ND(0.60)        | 9.6             | 1.3             | 0.41 J          | 4.0             | 0.28 J          |
| Diallate                                             | ND(0.70)        | ND(2.0)         | ND(0.93)        | ND(0.87)        | ND(0.70)        | ND(1.0)         |
| Dibenzo(a,h)anthracene                               | ND(0.70)        | 5.1             | ND(0.93)        | 0.56 J          | 0.60 !          | ND(0.49)        |
| Dibenzofuran                                         | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(1.0)         |
| Diethylphthalate                                     | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.49)        |
| Dimethylphthalate                                    | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.49)        |
| Di-n-Butylphthalate                                  | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.49)        |
| Di-n-Octylphthalate                                  | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.49)        |
| Dinoseb                                              | NA              | NA              | NA              | NA              | NA              | NA              |
| Diphenylamine                                        | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(1.0)         |
| Ethyl Methacrylate                                   | NA              | NA              | NA              | NA              | NA              | NA              |
| Ethyl Methanesulfonate                               | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(1.0)         |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 0-1<br>06/24/99 | 1-2<br>11/27/00 | 2-4<br>11/27/00 | 6-8<br>11/27/00 | 0-1<br>06/24/99 | 2-4<br>09/21/99 |
|------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <b>Semivolatile Organics (continued)</b>             |                 |                 |                 |                 |                 |                 |
| Fluoranthene                                         | 0.60            | 20              | 1.0             | 0.71            | 7.0             | 0.30 J          |
| Fluorene                                             | ND(0.60)        | 1.1 J           | ND(0.46)        | ND(0.43)        | 0.40            | ND(0.49)        |
| Hexachlorobenzene                                    | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.49)        |
| Hexachlorobutadiene                                  | ND(3.0)         | ND(2.0)         | ND(0.93)        | ND(0.87)        | ND(2.0)         | ND(0.49)        |
| Hexachlorocyclopentadiene                            | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.49)        |
| Hexachloroethane                                     | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.49)        |
| Hexachlorophene                                      | ND(0.70)        | ND(4.0)         | ND(0.93)        | ND(0.87)        | ND(0.70)        | ND(1.0)         |
| Hexachloropropene                                    | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(1.0)         |
| Indeno(1,2,3-cd)pyrene                               | ND(0.70)        | 12              | 3.4             | 1.2             | 3.0             | 0.11 J          |
| Isodrin                                              | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(1.0)         |
| Isophorone                                           | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.49)        |
| Isosafrole                                           | ND(0.70)        | ND(2.0)         | ND(0.93)        | ND(0.87)        | ND(0.70)        | ND(1.0)         |
| Methapyrilene                                        | ND(2.0)         | ND(10)          | ND(2.4)         | ND(2.2)         | ND(2.0)         | ND(1.0)         |
| Methyl Methanesulfonate                              | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(1.0)         |
| Naphthalene                                          | ND(0.60)        | 5.9             | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.49)        |
| Nitrobenzene                                         | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.49)        |
| N-Nitrosodiethylamine                                | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.49)        |
| N-Nitrosodimethylamine                               | ND(0.70)        | ND(2.0)         | ND(0.93)        | ND(0.87)        | ND(0.70)        | ND(0.49)        |
| N-Nitroso-di-n-butylamine                            | ND(0.70)        | ND(2.0)         | ND(0.93)        | ND(0.87)        | ND(0.70)        | ND(1.0)         |
| N-Nitroso-di-n-propylamine                           | ND(3.0)         | ND(2.0)         | ND(0.93)        | ND(0.87)        | ND(2.0)         | ND(0.49)        |
| N-Nitrosodiphenylamine                               | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(0.49)        |
| N-Nitrosomethylethylamine                            | ND(0.70)        | ND(4.0)         | ND(0.93)        | ND(0.87)        | ND(0.70)        | ND(1.0)         |
| N-Nitrosomorpholine                                  | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(1.0)         |
| N-Nitrosopiperidine                                  | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(1.0)         |
| N-Nitrosopyrrolidine                                 | ND(0.70)        | ND(2.0)         | ND(0.93)        | ND(0.87)        | ND(0.70)        | ND(1.0)         |
| o,o,o-Triethylphosphorothioate                       | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(1.0)         |
| o-Toluidine                                          | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(1.0)         |
| p-Dimethylaminoazobenzene                            | ND(2.0)         | ND(10)          | ND(2.4)         | ND(2.2)         | ND(2.0)         | ND(1.0)         |
| Pentachlorobenzene                                   | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(1.0)         |
| Pentachloroethane                                    | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(1.0)         |
| Pentachloronitrobenzene                              | ND(2.0)         | ND(10)          | ND(2.4)         | ND(2.2)         | ND(2.0)         | ND(1.0)         |
| Pentachlorophenol                                    | ND(3.0)         | ND(3.1)         | ND(2.4)         | ND(2.2)         | ND(2.0)         | ND(4.9)         |
| Phenacetin                                           | ND(2.0)         | ND(10)          | ND(2.4)         | ND(2.2)         | ND(2.0)         | ND(1.0)         |
| Phenanthrene                                         | ND(0.60)        | 7.1             | 0.53            | 0.43            | 5.0             | 0.18 J          |
| Phenol                                               | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(1.0)         |
| Pronamide                                            | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(1.0)         |
| Pyrene                                               | 0.60            | 18              | 0.95            | 0.70            | 6.0             | 0.49            |
| Pyridine                                             | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(1.0)         |
| Safrole                                              | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(1.0)         |
| Sulfotep                                             | NA              | NA              | NA              | NA              | NA              | NA              |
| Thionazin                                            | ND(0.60)        | ND(2.0)         | ND(0.46)        | ND(0.43)        | ND(0.40)        | ND(1.0)         |
| <b>Furans</b>                                        |                 |                 |                 |                 |                 |                 |
| 2,3,7,8-TCDF                                         | 0.00014         | ND(0.000012)    | 0.00010         | ND(0.0000079) X | 0.000041        | 0.0000033       |
| TCDFs (total)                                        | 0.00046         | 0.00067         | 0.00050         | 0.000023        | 0.00018         | 0.000012        |
| 1,2,3,7,8-PeCDF                                      | 0.000047        | 0.000065 I      | 0.00011 I       | ND(0.0000051)   | 0.000013        | ND(0.0000070)   |
| 2,3,4,7,8-PeCDF                                      | 0.000054        | ND(0.000050) X  | ND(0.0000031)   | ND(0.0000050)   | 0.000014        | ND(0.0000065)   |
| PeCDFs (total)                                       | 0.00040         | 0.00085         | 0.00027         | 0.000057        | 0.00013         | 0.000040 J      |
| 1,2,3,4,7,8-HxCDF                                    | 0.00010         | 0.0016 I        | 0.00082 I       | ND(0.0000023) X | 0.000021        | 0.0000021 J     |
| 1,2,3,6,7,8-HxCDF                                    | 0.000044        | 0.000067        | ND(0.0000069)   | ND(0.0000075)   | 0.000011        | ND(0.0000011)   |
| 1,2,3,7,8,9-HxCDF                                    | 0.000012        | ND(0.000034)    | 0.000023        | ND(0.0000096)   | 0.0000056 J     | ND(0.0000011)   |
| 2,3,4,6,7,8-HxCDF                                    | 0.000049        | 0.000097        | 0.000058        | ND(0.0000075)   | 0.000093        | ND(0.0000012)   |
| HxCDFs (total)                                       | 0.0017          | 0.0016          | 0.00047         | 0.000012        | 0.00012         | 0.000031 J      |
| 1,2,3,4,6,7,8-HpCDF                                  | 0.00070 D       | 0.0011          | 0.00010         | ND(0.0000014) X | 0.000044        | 0.0000039 J     |
| 1,2,3,4,7,8,9-HpCDF                                  | 0.00012         | 0.00011         | 0.00011         | ND(0.0000011)   | 0.0000058       | ND(0.0000024)   |
| HpCDFs (total)                                       | 0.0098          | 0.0012          | 0.00021         | ND(0.0000077)   | 0.00012         | 0.0000039 J     |
| OCDF                                                 | 0.0061 D        | 0.0072          | 0.000096        | ND(0.0000096) X | 0.000071        | 0.0000037 J     |
| <b>Dioxins</b>                                       |                 |                 |                 |                 |                 |                 |
| 2,3,7,8-TCDD                                         | 0.0000037       | ND(0.0000023)   | ND(0.0000020)   | ND(0.0000056)   | 0.0000018       | ND(0.0000074)   |
| TCDDs (total)                                        | 0.000019        | ND(0.0000023)   | ND(0.0000020)   | ND(0.0000056)   | 0.0000037       | ND(0.0000074)   |
| 1,2,3,7,8-PeCDD                                      | 0.0000052       | ND(0.0000074)   | ND(0.0000055)   | ND(0.0000046)   | 0.0000038       | ND(0.0000014)   |
| PeCDDs (total)                                       | 0.000013        | ND(0.000074)    | ND(0.000055)    | ND(0.0000046)   | 0.0000038       | ND(0.0000014)   |
| 1,2,3,4,7,8-HxCDD                                    | 0.000016        | ND(0.000029)    | ND(0.000013)    | ND(0.0000016)   | 0.0000023 J     | ND(0.0000063)   |
| 1,2,3,6,7,8-HxCDD                                    | 0.00020         | ND(0.000010) X  | ND(0.000012)    | ND(0.0000015)   | 0.0000095       | ND(0.0000078)   |
| 1,2,3,7,8,9-HxCDD                                    | 0.000054        | ND(0.000027)    | ND(0.000012)    | ND(0.0000015)   | 0.0000075       | ND(0.0000070)   |
| HxCDDs (total)                                       | 0.00090         | ND(0.000027)    | ND(0.000012)    | ND(0.0000015)   | 0.000066        | ND(0.0000078)   |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.0087 D        | 0.012           | 0.000058        | 0.0000097       | 0.000073        | ND(0.0000016)   |
| HpCDDs (total)                                       | 0.017           | 0.021           | 0.00012         | 0.0000097       | 0.00014         | ND(0.0000016)   |
| OCDD                                                 | 0.084 DE        | 0.058 B         | 0.00022 B       | 0.0000041 B     | 0.000053        | 0.000021 J      |
| Total TEQs (WHO TEFs)                                | 0.00020         | 0.00038         | 0.00014         | 0.0000032       | 0.000025        | 0.0000021       |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Parameter         | Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 9-9-26-SB-3<br>0-1<br>06/24/99 | 9-9-26-SB-3<br>1-2<br>11/27/00 | 9-9-26-SB-3<br>2-4<br>11/27/00 | 9-9-26-SB-3<br>6-8<br>11/27/00 | 9-9-26-SB-4<br>0-1<br>06/24/99 | 9-9-26-SB-4<br>2-4<br>09/21/99 |
|-------------------|------------------------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| <b>Inorganics</b> |                                                      |                                |                                |                                |                                |                                |                                |
| Aluminum          |                                                      | NA                             | NA                             | NA                             | NA                             | NA                             | NA                             |
| Antimony          |                                                      | ND(11.2)                       | ND(17.0)                       | ND(12.0)                       | ND(12.0)                       | ND(10.4)                       | ND(13.3)                       |
| Arsenic           |                                                      | ND(18.6)                       | ND(28.0)                       | ND(21.0)                       | ND(19.0)                       | 55.8                           | 21.8                           |
| Barium            |                                                      | 902                            | 970                            | 77.0                           | 71.0                           | 167                            | 137                            |
| Beryllium         |                                                      | ND(0.190)                      | 0.310                          | 0.220                          | 0.210                          | 0.320                          | ND(1.11)                       |
| Cadmium           |                                                      | ND(1.90)                       | ND(2.80)                       | ND(2.10)                       | ND(1.90)                       | ND(1.70)                       | ND(1.11)                       |
| Calcium           |                                                      | NA                             | NA                             | NA                             | NA                             | NA                             | NA                             |
| Chromium          |                                                      | 12.7                           | 30.0                           | 9.00                           | ND(5.20)                       | 24.1                           | 14.1                           |
| Cobalt            |                                                      | 10.2                           | ND(14.0)                       | ND(10.0)                       | ND(9.70)                       | ND(8.60)                       | ND(11.1)                       |
| Copper            |                                                      | 46.3                           | 86.0                           | 57.0                           | 30.0                           | 69.0                           | 58.4                           |
| Cyanide           |                                                      | 3.00                           | 0.110 J                        | ND(1.00)                       | ND(1.00)                       | 1.20                           | NA                             |
| Iron              |                                                      | NA                             | NA                             | NA                             | NA                             | NA                             | NA                             |
| Lead              |                                                      | 987                            | 1500                           | 220                            | 190                            | 180                            | 549                            |
| Magnesium         |                                                      | NA                             | NA                             | NA                             | NA                             | NA                             | NA                             |
| Manganese         |                                                      | NA                             | NA                             | NA                             | NA                             | NA                             | NA                             |
| Mercury           |                                                      | 1.70                           | 2.80                           | 0.770                          | ND(0.260)                      | 0.400                          | 0.336                          |
| Nickel            |                                                      | 17.3                           | 26.0                           | 11.0                           | ND(7.80)                       | 17.4                           | 21.4                           |
| Potassium         |                                                      | NA                             | NA                             | NA                             | NA                             | NA                             | NA                             |
| Selenium          |                                                      | ND(0.930)                      | ND(1.40)                       | ND(1.00)                       | 1.10                           | ND(0.860)                      | 5.98                           |
| Silver            |                                                      | ND(0.930)                      | ND(1.40)                       | ND(1.00)                       | ND(0.970)                      | ND(0.860)                      | ND(2.17)                       |
| Sodium            |                                                      | NA                             | NA                             | NA                             | NA                             | NA                             | NA                             |
| Sulfide           |                                                      | 74.5                           | 8.80 J                         | 490                            | 100                            | 18.4                           | NA                             |
| Thallium          |                                                      | ND(1.90)                       | ND(2.80)                       | ND(2.10)                       | ND(1.90)                       | ND(1.70)                       | ND(11.1)                       |
| Tin               |                                                      | ND(55.9)                       | ND(83.0)                       | ND(62.0)                       | ND(58.0)                       | ND(51.8)                       | ND(111)                        |
| Vanadium          |                                                      | 9.90                           | 18.0                           | ND(10.0)                       | 11.0                           | 16.4                           | 37.4                           |
| Zinc              |                                                      | 878                            | 1100                           | 140                            | 120                            | 202                            | 271                            |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-26-SB-4<br>4-6<br>11/22/00 | 19-9-26-SB-5<br>2-4<br>09/21/99 | 19-9-26-SS-1<br>0-1<br>11/27/00 | 19-9-26-SS-1<br>4-6<br>11/27/00 | 19-9-26-SS-1<br>12-14<br>11/27/00 | 19-9-26-SS-3<br>0-1<br>11/27/00 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|-----------------------------------|---------------------------------|
| <b>Volatile Organics</b>                             |                                 |                                 |                                 |                                 |                                   |                                 |
| 1,1,1,2-Tetrachloroethane                            | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| 1,1,1-Trichloroethane                                | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| 1,1,2,2-Tetrachloroethane                            | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| 1,1,2-Trichloroethane                                | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| 1,1-Dichloroethane                                   | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| 1,1-Dichloroethene                                   | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| 1,2,3-Trichloropropane                               | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| 1,2-Dibromo-3-chloropropane                          | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| 1,2-Dibromoethane                                    | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| 1,2-Dichloroethane                                   | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| 1,2-Dichloropropane                                  | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| 1,4-Dioxane                                          | NA                              | NA                              | ND(0.20)                        | ND(0.20)                        | ND(0.20)                          | ND(0.20)                        |
| 2-Butanone                                           | NA                              | NA                              | ND(0.10)                        | ND(0.10)                        | ND(0.10)                          | ND(0.10)                        |
| 2-Chloro-1,3-butadiene                               | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| 2-Chloroethylvinylether                              | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| 2-Hexanone                                           | NA                              | NA                              | ND(0.014)                       | ND(0.013)                       | ND(0.015)                         | ND(0.014)                       |
| 3-Chloropropene                                      | NA                              | NA                              | ND(0.014)                       | ND(0.013)                       | ND(0.015)                         | ND(0.014)                       |
| 4-Methyl-2-pentanone                                 | NA                              | NA                              | ND(0.014)                       | ND(0.013)                       | ND(0.015)                         | ND(0.014)                       |
| Acetone                                              | NA                              | NA                              | ND(0.10)                        | ND(0.10)                        | ND(0.10)                          | ND(0.10)                        |
| Acetonitrile                                         | NA                              | NA                              | ND(0.14)                        | ND(0.13)                        | ND(0.15)                          | ND(0.14)                        |
| Acrolein                                             | NA                              | NA                              | ND(0.14)                        | ND(0.13)                        | ND(0.15)                          | ND(0.14)                        |
| Acrylonitrile                                        | NA                              | NA                              | ND(0.014)                       | ND(0.013)                       | ND(0.015)                         | ND(0.014)                       |
| Benzene                                              | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| Bromodichloromethane                                 | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| Bromoform                                            | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| Bromomethane                                         | NA                              | NA                              | ND(0.014)                       | ND(0.013)                       | ND(0.015)                         | ND(0.014)                       |
| Carbon Disulfide                                     | NA                              | NA                              | ND(0.010)                       | ND(0.010)                       | ND(0.010)                         | ND(0.010)                       |
| Carbon Tetrachloride                                 | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| Chlorobenzene                                        | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| Chloroethane                                         | NA                              | NA                              | ND(0.014)                       | ND(0.013)                       | ND(0.015)                         | ND(0.014)                       |
| Chloroform                                           | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| Chloromethane                                        | NA                              | NA                              | ND(0.014)                       | ND(0.013)                       | ND(0.015)                         | ND(0.014)                       |
| cis-1,3-Dichloropropene                              | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| Dibromochloromethane                                 | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| Dibromomethane                                       | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| Dichlorodifluoromethane                              | NA                              | NA                              | ND(0.014)                       | ND(0.013)                       | ND(0.015)                         | ND(0.014)                       |
| Ethyl Methacrylate                                   | NA                              | NA                              | ND(0.014)                       | ND(0.013)                       | ND(0.015)                         | ND(0.014)                       |
| Ethylbenzene                                         | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| Iodomethane                                          | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| Isobutanol                                           | NA                              | NA                              | ND(0.27)                        | ND(0.27)                        | ND(0.30)                          | ND(0.28)                        |
| Methacrylonitrile                                    | NA                              | NA                              | ND(0.014)                       | ND(0.013)                       | ND(0.015)                         | ND(0.014)                       |
| Methyl Methacrylate                                  | NA                              | NA                              | ND(0.014)                       | ND(0.013)                       | ND(0.015)                         | ND(0.014)                       |
| Methylene Chloride                                   | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| Propionitrile                                        | NA                              | NA                              | ND(0.069)                       | ND(0.067)                       | ND(0.076)                         | ND(0.070)                       |
| Styrene                                              | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| Tetrachloroethene                                    | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| Toluene                                              | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| trans-1,2-Dichloroethene                             | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| trans-1,3-Dichloropropene                            | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| trans-1,4-Dichloro-2-butene                          | NA                              | NA                              | ND(0.014)                       | ND(0.013)                       | ND(0.015)                         | ND(0.014)                       |
| Trichloroethene                                      | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| Trichlorofluoromethane                               | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| Vinyl Acetate                                        | NA                              | NA                              | ND(0.014)                       | ND(0.013)                       | ND(0.015)                         | ND(0.014)                       |
| Vinyl Chloride                                       | NA                              | NA                              | ND(0.014)                       | ND(0.013)                       | ND(0.015)                         | ND(0.014)                       |
| Xylenes (total)                                      | NA                              | NA                              | ND(0.0069)                      | ND(0.0067)                      | ND(0.0076)                        | ND(0.0070)                      |
| <b>Semivolatile Organics</b>                         |                                 |                                 |                                 |                                 |                                   |                                 |
| 1,2,4,5-Tetrachlorobenzene                           | NA                              | ND(0.79)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| 1,2,4-Trichlorobenzene                               | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| 1,2-Dichlorobenzene                                  | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| 1,2-Diphenylhydrazine                                | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| 1,3,5-Trinitrobenzene                                | NA                              | ND(0.79)                        | ND(0.92)                        | ND(0.90)                        | ND(1.0)                           | ND(0.97)                        |
| 1,3-Dichlorobenzene                                  | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| 1,3-Dinitrobenzene                                   | NA                              | ND(0.79)                        | ND(2.3)                         | ND(2.3)                         | ND(2.6)                           | ND(2.4)                         |
| 1,4-Dichlorobenzene                                  | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| 1,4-Naphthoquinone                                   | NA                              | ND(0.79)                        | ND(2.3)                         | ND(2.3)                         | ND(2.6)                           | ND(2.4)                         |
| 1-Naphthylamine                                      | NA                              | ND(0.79)                        | ND(2.3)                         | ND(2.3)                         | ND(2.6)                           | ND(2.4)                         |
| 2,3,4,6-Tetrachlorophenol                            | NA                              | ND(0.79)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth (Feet):<br>Date Collected: | 19-9-26-SB-4<br>4-6<br>11/22/00 | 19-9-26-SB-5<br>2-4<br>09/21/99 | 19-9-26-SS-1<br>0-1<br>11/27/00 | 19-9-26-SS-1<br>4-6<br>11/27/00 | 19-9-26-SS-1<br>12-14<br>11/27/00 | 19-9-26-SS-3<br>0-1<br>11/27/00 |
|-------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|-----------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>              |                                 |                                 |                                 |                                 |                                   |                                 |
| 2,4,5-Trichlorophenol                                 | NA                              | ND(0.79)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| 2,4,6-Trichlorophenol                                 | NA                              | ND(0.79)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| 2,4-Dichlorophenol                                    | NA                              | ND(0.79)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| 2,4-Dimethylphenol                                    | NA                              | ND(0.79)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| 2,4-Dinitrophenol                                     | NA                              | ND(3.6)                         | ND(2.3)                         | ND(2.3)                         | ND(2.6)                           | ND(2.4)                         |
| 2,4-Dinitrotoluene                                    | NA                              | ND(0.39)                        | ND(2.3)                         | ND(2.3)                         | ND(2.6)                           | ND(2.4)                         |
| 2,6-Dichlorophenol                                    | NA                              | ND(0.79)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| 2,6-Dinitrotoluene                                    | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| 2-Acetylaminofluorene                                 | NA                              | ND(0.79)                        | ND(0.92)                        | ND(0.90)                        | ND(1.0)                           | ND(0.97)                        |
| 2-Chloronaphthalene                                   | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| 2-Chlorophenol                                        | NA                              | ND(0.79)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| 2-Methylnaphthalene                                   | NA                              | ND(0.78)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| 2-Methylphenol                                        | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| 2-Naphthylamine                                       | NA                              | ND(0.79)                        | ND(2.3)                         | ND(2.3)                         | ND(2.6)                           | ND(2.4)                         |
| 2-Nitroaniline                                        | NA                              | ND(1.5)                         | ND(2.3)                         | ND(2.3)                         | ND(2.6)                           | ND(2.4)                         |
| 2-Nitrophenol                                         | NA                              | ND(0.79)                        | ND(0.92)                        | ND(0.90)                        | ND(1.0)                           | ND(0.93)                        |
| 2-Picoline                                            | NA                              | ND(0.79)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| 3&4-Methylphenol                                      | NA                              | ND(0.79)                        | ND(0.92)                        | ND(0.90)                        | ND(1.0)                           | ND(0.93)                        |
| 3,3'-Dichlorobenzidine                                | NA                              | ND(0.39)                        | ND(2.3)                         | ND(2.3)                         | ND(2.6)                           | ND(2.4)                         |
| 3,3'-Dimethylbenzidine                                | NA                              | ND(0.39)                        | ND(2.3)                         | ND(2.3)                         | ND(2.6)                           | ND(2.4)                         |
| 3-Methylcholanthrene                                  | NA                              | ND(0.79)                        | ND(0.92)                        | ND(0.90)                        | ND(1.0)                           | ND(0.93)                        |
| 3-Nitroaniline                                        | NA                              | ND(1.5)                         | ND(2.3)                         | ND(2.3)                         | ND(2.6)                           | ND(2.4)                         |
| 4,6-Dinitro-2-methylphenol                            | NA                              | ND(3.9)                         | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| 4-Aminobiphenyl                                       | NA                              | ND(0.79)                        | ND(0.92)                        | ND(0.90)                        | ND(1.0)                           | ND(0.97)                        |
| 4-Bromophenyl-phenylether                             | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| 4-Chloro-3-Methylphenol                               | NA                              | ND(0.79)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| 4-Chloroaniline                                       | NA                              | ND(0.39)                        | ND(0.92)                        | ND(0.90)                        | ND(1.0)                           | ND(0.93)                        |
| 4-Chlorobenzilate                                     | NA                              | ND(0.79)                        | ND(2.3)                         | ND(2.3)                         | ND(2.6)                           | ND(2.4)                         |
| 4-Chlorophenyl-phenylether                            | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| 4-Nitroaniline                                        | NA                              | ND(3.9)                         | ND(2.3)                         | ND(2.3)                         | ND(2.6)                           | ND(2.4)                         |
| 4-Nitrophenol                                         | NA                              | ND(3.9)                         | ND(2.3)                         | ND(2.3)                         | ND(2.6)                           | ND(2.4)                         |
| 4-Nitroquinoline-1-oxide                              | NA                              | ND(0.79)                        | ND(2.3)                         | ND(2.3)                         | ND(2.6)                           | ND(2.4)                         |
| 4-Phenylenediamine                                    | NA                              | ND(0.79)                        | ND(2.3)                         | ND(2.3)                         | ND(2.6)                           | ND(2.4)                         |
| 5-Nitro-o-toluidine                                   | NA                              | ND(0.79)                        | ND(2.3)                         | ND(2.3)                         | ND(2.6)                           | ND(2.4)                         |
| 7,12-Dimethylbenz(a)anthracene                        | NA                              | ND(0.79)                        | ND(0.92)                        | ND(0.90)                        | ND(1.0)                           | ND(0.93)                        |
| a,a'-Dimethylphenethylamine                           | NA                              | ND(0.79)                        | ND(2.3)                         | ND(2.3)                         | ND(2.6)                           | ND(2.4)                         |
| Acenaphthene                                          | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| Acenaphthylene                                        | NA                              | 0.53                            | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| Acetophenone                                          | NA                              | ND(0.79)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| Aniline                                               | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| Anthracene                                            | NA                              | 0.21 J                          | 0.58                            | ND(0.45)                        | ND(0.50)                          | 0.36 J                          |
| Aramite                                               | NA                              | ND(0.79)                        | ND(0.92)                        | ND(0.90)                        | ND(1.0)                           | ND(0.97)                        |
| Benzidine                                             | NA                              | ND(0.39)                        | ND(0.92)                        | ND(0.90)                        | ND(1.0)                           | ND(0.93)                        |
| Benzo(a)anthracene                                    | NA                              | 0.51                            | 2.1                             | ND(0.45)                        | ND(0.50)                          | 1.5                             |
| Benzo(a)pyrene                                        | NA                              | 1.0                             | 2.2                             | ND(0.45)                        | ND(0.50)                          | 1.8                             |
| Benzo(b)fluoranthene                                  | NA                              | 0.83                            | 1.9                             | ND(0.45)                        | ND(0.50)                          | 1.4                             |
| Benzo(g,h,i)perylene                                  | NA                              | 0.91                            | 2.0                             | ND(0.45)                        | ND(0.50)                          | 1.4                             |
| Benzo(k)fluoranthene                                  | NA                              | 0.75                            | 1.6                             | ND(0.45)                        | ND(0.50)                          | 1.5                             |
| Benzoic Acid                                          | NA                              | NA                              | NA                              | NA                              | NA                                | NA                              |
| Benzyl Alcohol                                        | NA                              | ND(1.5)                         | ND(0.92)                        | ND(0.90)                        | ND(1.0)                           | ND(0.93)                        |
| bis(2-Chloroethoxy)methane                            | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| bis(2-Chloroethyl)ether                               | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| bis(2-Chloroisopropyl)ether                           | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| bis(2-Ethylhexyl)phthalate                            | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| Butylbenzylphthalate                                  | NA                              | ND(0.39)                        | ND(0.92)                        | ND(0.90)                        | ND(1.0)                           | 0.79 J                          |
| Chrysene                                              | NA                              | 0.59                            | 2.1                             | ND(0.45)                        | ND(0.50)                          | 1.8                             |
| Diallate                                              | NA                              | ND(0.79)                        | ND(0.92)                        | ND(0.90)                        | ND(1.0)                           | ND(0.93)                        |
| Dibenzo(a,h)anthracene                                | NA                              | 0.25 J                          | 1.0                             | ND(0.90)                        | ND(1.0)                           | 0.86 J                          |
| Dibenzofuran                                          | NA                              | ND(0.79)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| Diethylphthalate                                      | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| Dimethylphthalate                                     | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| Di-n-Butylphthalate                                   | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| Di-n-Octylphthalate                                   | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| Dinoseb                                               | NA                              | NA                              | NA                              | NA                              | NA                                | NA                              |
| Diphenylamine                                         | NA                              | ND(0.79)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| Ethyl Methacrylate                                    | NA                              | NA                              | NA                              | NA                              | NA                                | NA                              |
| Ethyl Methanesulfonate                                | NA                              | ND(0.79)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-26-SB-4<br>4-6<br>11/22/00 | 19-9-26-SB-5<br>2-4<br>09/21/99 | 19-9-26-SS-1<br>0-1<br>11/27/00 | 19-9-26-SS-1<br>4-6<br>11/27/00 | 19-9-26-SS-1<br>12-14<br>11/27/00 | 19-9-26-SS-3<br>0-1<br>11/27/00 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|-----------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                 |                                 |                                 |                                 |                                   |                                 |
| Fluoranthene                                         | NA                              | 0.90                            | 4.4                             | ND(0.45)                        | ND(0.50)                          | 4.0                             |
| Fluorene                                             | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| Hexachlorobenzene                                    | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| Hexachlorobutadiene                                  | NA                              | ND(0.39)                        | ND(0.92)                        | ND(0.90)                        | ND(1.0)                           | ND(0.93)                        |
| Hexachlorocyclopentadiene                            | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| Hexachloroethane                                     | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| Hexachlorophene                                      | NA                              | ND(0.79)                        | ND(0.92)                        | ND(0.90)                        | ND(1.0)                           | ND(0.97)                        |
| Hexachloropropene                                    | NA                              | ND(0.79)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| Indeno(1,2,3-cd)pyrene                               | NA                              | 0.66                            | 2.4                             | ND(0.90)                        | ND(1.0)                           | 2.4                             |
| Isodrin                                              | NA                              | ND(0.79)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| Isophorone                                           | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| Isosafrole                                           | NA                              | ND(0.79)                        | ND(0.92)                        | ND(0.90)                        | ND(1.0)                           | ND(0.93)                        |
| Methapyrene                                          | NA                              | ND(0.79)                        | ND(2.3)                         | ND(2.3)                         | ND(2.6)                           | ND(2.4)                         |
| Methyl Methanesulfonate                              | NA                              | ND(0.79)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| Naphthalene                                          | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| Nitrobenzene                                         | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| N-Nitrosodiethylamine                                | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| N-Nitrosodimethylamine                               | NA                              | ND(0.39)                        | ND(0.92)                        | ND(0.90)                        | ND(1.0)                           | ND(0.93)                        |
| N-Nitroso-di-n-butylamine                            | NA                              | ND(0.79)                        | ND(0.92)                        | ND(0.90)                        | ND(1.0)                           | ND(0.93)                        |
| N-Nitroso-di-n-propylamine                           | NA                              | ND(0.39)                        | ND(0.92)                        | ND(0.90)                        | ND(1.0)                           | ND(0.93)                        |
| N-Nitrosodiphenylamine                               | NA                              | ND(0.39)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| N-Nitrosomethylethylamine                            | NA                              | ND(0.79)                        | ND(0.92)                        | ND(0.90)                        | ND(1.0)                           | ND(0.97)                        |
| N-Nitrosomorpholine                                  | NA                              | ND(0.79)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| N-Nitrosopiperidine                                  | NA                              | ND(0.79)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| N-Nitrosopyrrolidine                                 | NA                              | ND(0.79)                        | ND(0.92)                        | ND(0.90)                        | ND(1.0)                           | ND(0.93)                        |
| o,o,o-Triethylphosphorothioate                       | NA                              | ND(0.79)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| o-Toluidine                                          | NA                              | ND(0.79)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| p-Dimethylaminoazobenzene                            | NA                              | ND(0.79)                        | ND(2.3)                         | ND(2.3)                         | ND(2.6)                           | ND(2.4)                         |
| Pentachlorobenzene                                   | NA                              | ND(0.79)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| Pentachloroethane                                    | NA                              | ND(0.79)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| Pentachloronitrobenzene                              | NA                              | ND(0.79)                        | ND(2.3)                         | ND(2.3)                         | ND(2.6)                           | ND(2.4)                         |
| Pentachlorophenol                                    | NA                              | ND(3.9)                         | ND(2.3)                         | ND(2.3)                         | ND(2.6)                           | ND(2.4)                         |
| Phenacetin                                           | NA                              | ND(0.79)                        | ND(2.3)                         | ND(2.3)                         | ND(2.6)                           | ND(2.4)                         |
| Phenanthrene                                         | NA                              | 0.44                            | 2.5                             | ND(0.45)                        | ND(0.50)                          | 2.1                             |
| Phenol                                               | NA                              | ND(0.79)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| Pronamide                                            | NA                              | ND(0.79)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| Pyrene                                               | NA                              | 0.89                            | 3.9                             | ND(0.45)                        | ND(0.50)                          | 3.2                             |
| Pyridine                                             | NA                              | ND(0.79)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| Safrole                                              | NA                              | ND(0.79)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| Sulfotep                                             | NA                              | NA                              | NA                              | NA                              | NA                                | NA                              |
| Thionazin                                            | NA                              | ND(0.79)                        | ND(0.46)                        | ND(0.45)                        | ND(0.50)                          | ND(0.49)                        |
| <b>Furans</b>                                        |                                 |                                 |                                 |                                 |                                   |                                 |
| 2,3,7,8-TCDF                                         | NA                              | 0.000084                        | 0.000025                        | ND(0.0000021)                   | ND(0.0000056)                     | 0.000024                        |
| TCDFs (total)                                        | NA                              | 0.000052                        | 0.00016                         | ND(0.0000021)                   | ND(0.0000056)                     | 0.00013                         |
| 1,2,3,7,8-PeCDF                                      | NA                              | ND(0.000011)                    | 0.000013                        | ND(0.0000021)                   | ND(0.0000054)                     | ND(0.000011) X                  |
| 2,3,4,7,8-PeCDF                                      | NA                              | 0.000023 J                      | 0.000010                        | ND(0.0000021)                   | ND(0.0000053)                     | ND(0.000067) X                  |
| PeCDFs (total)                                       | NA                              | 0.000011                        | 0.00022                         | ND(0.0000021)                   | ND(0.0000053)                     | ND(0.0000069)                   |
| 1,2,3,4,7,8-HxCDF                                    | NA                              | 0.000038 J                      | 0.000057 I                      | ND(0.0000012)                   | ND(0.0000041)                     | 0.000050 I                      |
| 1,2,3,6,7,8-HxCDF                                    | NA                              | ND(0.000018)                    | ND(0.000011)                    | ND(0.0000012)                   | ND(0.0000041)                     | ND(0.0000089)                   |
| 1,2,3,7,8,9-HxCDF                                    | NA                              | ND(0.000017)                    | ND(0.000014)                    | ND(0.0000016)                   | ND(0.0000053)                     | ND(0.000011)                    |
| 2,3,4,6,7,8-HxCDF                                    | NA                              | ND(0.000019)                    | 0.000084                        | ND(0.0000013)                   | ND(0.0000041)                     | 0.000068                        |
| HxCDFs (total)                                       | NA                              | 0.000015                        | 0.00011                         | ND(0.0000012)                   | ND(0.0000041)                     | 0.000094                        |
| 1,2,3,4,6,7,8-HpCDF                                  | NA                              | 0.000055 J                      | 0.000023                        | ND(0.00000097)                  | ND(0.0000054)                     | 0.000023                        |
| 1,2,3,4,7,8,9-HpCDF                                  | NA                              | ND(0.000031)                    | 0.000032                        | ND(0.0000013)                   | ND(0.0000074)                     | 0.000032                        |
| HpCDFs (total)                                       | NA                              | 0.000076 J                      | 0.000026                        | ND(0.00000097)                  | ND(0.0000054)                     | 0.000068                        |
| OCDF                                                 | NA                              | ND(0.0000089)                   | 0.000026                        | ND(0.0000011)                   | ND(0.0000052)                     | 0.000030                        |
| <b>Dioxins</b>                                       |                                 |                                 |                                 |                                 |                                   |                                 |
| 2,3,7,8-TCDD                                         | NA                              | ND(0.0000084)                   | ND(0.0000027)                   | ND(0.0000024)                   | ND(0.0000064)                     | ND(0.0000024)                   |
| TCDDs (total)                                        | NA                              | ND(0.0000084)                   | 0.000066                        | ND(0.0000024)                   | ND(0.0000064)                     | 0.000037                        |
| 1,2,3,7,8-PeCDD                                      | NA                              | ND(0.000020)                    | ND(0.0000096)                   | ND(0.0000084)                   | ND(0.0000049)                     | ND(0.0000069)                   |
| PeCDDs (total)                                       | NA                              | ND(0.000020)                    | ND(0.0000096)                   | ND(0.0000084)                   | ND(0.0000049)                     | ND(0.0000069)                   |
| 1,2,3,4,7,8-HxCDD                                    | NA                              | ND(0.0000066)                   | 0.0000052                       | ND(0.0000029)                   | ND(0.0000014)                     | ND(0.0000064) X                 |
| 1,2,3,6,7,8-HxCDD                                    | NA                              | ND(0.0000081)                   | ND(0.0000018) X                 | ND(0.0000027)                   | ND(0.0000014)                     | 0.000028                        |
| 1,2,3,7,8,9-HxCDD                                    | NA                              | ND(0.0000073)                   | ND(0.0000014) X                 | ND(0.0000027)                   | ND(0.0000013)                     | 0.000028                        |
| HxCDDs (total)                                       | NA                              | ND(0.0000081)                   | 0.000012                        | ND(0.0000027)                   | ND(0.0000014)                     | 0.000019                        |
| 1,2,3,4,6,7,8-HpCDD                                  | NA                              | ND(0.000018)                    | 0.000024                        | ND(0.0000011)                   | ND(0.0000011)                     | 0.000038                        |
| HpCDDs (total)                                       | NA                              | ND(0.000018)                    | 0.000045                        | ND(0.0000011)                   | ND(0.0000011)                     | 0.000069                        |
| OCDD                                                 | NA                              | 0.000015 J                      | 0.00016 B                       | 0.0000096 B                     | 0.000018 B                        | 0.00028 B                       |
| Total TEQs (WHO TEFs)                                | NA                              | 0.000043                        | 0.000016                        | 0.0000068                       | 0.0000033                         | 0.000012                        |



**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Parameter         | Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-26-SB-4<br>4-6<br>11/22/00 | 19-9-26-SB-5<br>2-4<br>09/21/99 | 19-9-26-SS-1<br>0-1<br>11/27/00 | 19-9-26-SS-1<br>4-6<br>11/27/00 | 19-9-26-SS-1<br>12-14<br>11/27/00 | 19-9-26-SS-3<br>0-1<br>11/27/00 |
|-------------------|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|-----------------------------------|---------------------------------|
| <b>Inorganics</b> |                                                      |                                 |                                 |                                 |                                 |                                   |                                 |
| Aluminum          |                                                      | NA                              | NA                              | NA                              | NA                              | NA                                | NA                              |
| Antimony          |                                                      | ND(14.0)                        | ND(7.82)                        | ND(12.0)                        | ND(12.0)                        | ND(14.0)                          | ND(12.0)                        |
| Arsenic           |                                                      | ND(24.0)                        | 12.9                            | ND(21.0)                        | ND(20.0)                        | ND(23.0)                          | ND(21.0)                        |
| Barium            |                                                      | 87.0                            | 62.9                            | 92.0                            | ND(40.0)                        | ND(45.0)                          | 200                             |
| Beryllium         |                                                      | 0.370                           | ND(0.652)                       | 0.260                           | 0.230                           | 0.240                             | 0.310                           |
| Cadmium           |                                                      | ND(2.40)                        | ND(0.652)                       | ND(2.10)                        | ND(2.00)                        | ND(2.30)                          | ND(2.10)                        |
| Calcium           |                                                      | NA                              | NA                              | NA                              | NA                              | NA                                | NA                              |
| Chromium          |                                                      | 8.80                            | 9.73                            | 6.90                            | 6.50                            | ND(6.10)                          | 11.0                            |
| Cobalt            |                                                      | ND(12.0)                        | 8.30                            | ND(10.0)                        | ND(10.0)                        | ND(11.0)                          | ND(10.0)                        |
| Copper            |                                                      | 55.0                            | 57.4                            | 35.0                            | ND(20.0)                        | ND(23.0)                          | 37.0                            |
| Cyanide           |                                                      | NA                              | NA                              | ND(1.00)                        | ND(1.00)                        | ND(1.00)                          | ND(1.00)                        |
| Iron              |                                                      | NA                              | NA                              | NA                              | NA                              | NA                                | NA                              |
| Lead              |                                                      | 340                             | 78.2                            | 350                             | 13.0                            | 4.30                              | 530                             |
| Magnesium         |                                                      | NA                              | NA                              | NA                              | NA                              | NA                                | NA                              |
| Manganese         |                                                      | NA                              | NA                              | NA                              | NA                              | NA                                | NA                              |
| Mercury           |                                                      | 0.440                           | 0.121                           | 0.570                           | ND(0.270)                       | ND(0.300)                         | 0.510                           |
| Nickel            |                                                      | 14.0                            | 17.8                            | 12.0                            | 12.0                            | 12.0                              | 16.0                            |
| Potassium         |                                                      | NA                              | NA                              | NA                              | NA                              | NA                                | NA                              |
| Selenium          |                                                      | 3.00                            | ND(0.652)                       | ND(1.00)                        | ND(1.00)                        | ND(1.10)                          | ND(1.00)                        |
| Silver            |                                                      | ND(1.20)                        | ND(1.39)                        | ND(1.00)                        | ND(1.00)                        | ND(1.10)                          | ND(1.00)                        |
| Sodium            |                                                      | NA                              | NA                              | NA                              | NA                              | NA                                | NA                              |
| Sulfide           |                                                      | NA                              | NA                              | 11.0                            | ND(6.70)                        | 140                               | 22.0                            |
| Thallium          |                                                      | ND(2.40)                        | ND(6.51)                        | ND(2.10)                        | ND(2.00)                        | ND(2.30)                          | ND(2.10)                        |
| Tin               |                                                      | ND(73.0)                        | ND(65.1)                        | ND(62.0)                        | ND(60.0)                        | ND(68.0)                          | ND(63.0)                        |
| Vanadium          |                                                      | 19.0                            | 23.1                            | ND(10.0)                        | ND(10.0)                        | ND(11.0)                          | 13.0                            |
| Zinc              |                                                      | 190                             | 107                             | 130                             | 33.0                            | 24.0                              | 270                             |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-26-SS-3<br>2-4<br>11/27/00 | 19-9-26-SS-3<br>10-12<br>11/27/00 | 19-9-26-SS-4<br>0-1<br>11/28/00 | 19-9-26-SS-4<br>1-2<br>11/28/00 |
|------------------------------------------------------|---------------------------------|-----------------------------------|---------------------------------|---------------------------------|
| <b>Volatile Organics</b>                             |                                 |                                   |                                 |                                 |
| 1,1,1,2-Tetrachloroethane                            | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| 1,1,1-Trichloroethane                                | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| 1,1,2,2-Tetrachloroethane                            | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| 1,1,2-Trichloroethane                                | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| 1,1-Dichloroethane                                   | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| 1,1-Dichloroethene                                   | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| 1,2,3-Trichloropropane                               | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| 1,2-Dibromo-3-chloropropane                          | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| 1,2-Dibromoethane                                    | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| 1,2-Dichloroethane                                   | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| 1,2-Dichloropropane                                  | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| 1,4-Dioxane                                          | ND(0.20)                        | ND(0.20) [ND(0.20)]               | ND(0.20) [ND(0.20)]             | ND(0.20)                        |
| 2-Butanone                                           | ND(0.10)                        | ND(0.10) [ND(0.10)]               | ND(0.10) [ND(0.10)]             | ND(0.10)                        |
| 2-Chloro-1,3-butadiene                               | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| 2-Chloroethylvinylether                              | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| 2-Hexanone                                           | ND(0.014)                       | ND(0.012) [ND(0.013)]             | ND(0.014) [ND(0.014)]           | ND(0.014)                       |
| 3-Chloropropene                                      | ND(0.014)                       | ND(0.012) [ND(0.013)]             | ND(0.014) [ND(0.014)]           | ND(0.014)                       |
| 4-Methyl-2-pentanone                                 | ND(0.014)                       | ND(0.012) [ND(0.013)]             | ND(0.014) [ND(0.014)]           | ND(0.014)                       |
| Acetone                                              | ND(0.10)                        | ND(0.10) [ND(0.10)]               | ND(0.10) [ND(0.10)]             | ND(0.10)                        |
| Acetonitrile                                         | ND(0.14)                        | ND(0.12) [ND(0.13)]               | ND(0.14) [ND(0.14)]             | ND(0.14)                        |
| Acrolein                                             | ND(0.14)                        | ND(0.12) [ND(0.13)]               | ND(0.14) [ND(0.14)]             | ND(0.14)                        |
| Acrylonitrile                                        | ND(0.014)                       | ND(0.012) [ND(0.013)]             | ND(0.014) [ND(0.014)]           | ND(0.014)                       |
| Benzene                                              | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| Bromodichloromethane                                 | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| Bromoform                                            | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| Bromomethane                                         | ND(0.014)                       | ND(0.012) [ND(0.013)]             | ND(0.014) [ND(0.014)]           | ND(0.014)                       |
| Carbon Disulfide                                     | ND(0.010)                       | ND(0.010) [ND(0.010)]             | ND(0.010) [ND(0.010)]           | ND(0.010)                       |
| Carbon Tetrachloride                                 | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| Chlorobenzene                                        | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| Chloroethane                                         | ND(0.014)                       | ND(0.012) [ND(0.013)]             | ND(0.014) [ND(0.014)]           | ND(0.014)                       |
| Chloroform                                           | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| Chloromethane                                        | ND(0.014)                       | ND(0.012) [ND(0.013)]             | ND(0.014) [ND(0.014)]           | ND(0.014)                       |
| cis-1,3-Dichloropropene                              | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| Dibromochloromethane                                 | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| Dibromomethane                                       | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| Dichlorodifluoromethane                              | ND(0.014)                       | ND(0.012) [ND(0.013)]             | ND(0.014) [ND(0.014)]           | ND(0.014)                       |
| Ethyl Methacrylate                                   | ND(0.014)                       | ND(0.012) [ND(0.013)]             | ND(0.014) [ND(0.014)]           | ND(0.014)                       |
| Ethylbenzene                                         | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| Iodomethane                                          | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| Isobutanol                                           | ND(0.28)                        | ND(0.25) [ND(0.25)]               | ND(0.29) [ND(0.29)]             | ND(0.27)                        |
| Methacrylonitrile                                    | ND(0.014)                       | ND(0.012) [ND(0.013)]             | ND(0.014) [ND(0.014)]           | ND(0.014)                       |
| Methyl Methacrylate                                  | ND(0.014)                       | ND(0.012) [ND(0.013)]             | ND(0.014) [ND(0.014)]           | ND(0.014)                       |
| Methylene Chloride                                   | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| Propionitrile                                        | ND(0.070)                       | ND(0.062) [ND(0.063)]             | ND(0.073) [ND(0.072)]           | ND(0.068)                       |
| Styrene                                              | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| Tetrachloroethene                                    | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| Toluene                                              | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| trans-1,2-Dichloroethene                             | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| trans-1,3-Dichloropropene                            | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| trans-1,4-Dichloro-2-butene                          | ND(0.014)                       | ND(0.012) [ND(0.013)]             | ND(0.014) [ND(0.014)]           | ND(0.014)                       |
| Trichloroethene                                      | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| Trichlorofluoromethane                               | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| Vinyl Acetate                                        | ND(0.014)                       | ND(0.012) [ND(0.013)]             | ND(0.014) [ND(0.014)]           | ND(0.014)                       |
| Vinyl Chloride                                       | ND(0.014)                       | ND(0.012) [ND(0.013)]             | ND(0.014) [ND(0.014)]           | ND(0.014)                       |
| Xylenes (total)                                      | ND(0.0070)                      | ND(0.0062) [ND(0.0063)]           | ND(0.0073) [ND(0.0072)]         | ND(0.0068)                      |
| <b>Semivolatile Organics</b>                         |                                 |                                   |                                 |                                 |
| 1,2,4,5-Tetrachlorobenzene                           | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| 1,2,4-Trichlorobenzene                               | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| 1,2-Dichlorobenzene                                  | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| 1,2-Diphenylhydrazine                                | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| 1,3,5-Trinitrobenzene                                | ND(0.94)                        | ND(0.83) [ND(0.85)]               | ND(2.9) [ND(3.0)]               | ND(2.7)                         |
| 1,3-Dichlorobenzene                                  | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| 1,3-Dinitrobenzene                                   | ND(2.4)                         | ND(2.1) [ND(2.1)]                 | ND(7.3) [ND(7.5)]               | ND(6.8)                         |
| 1,4-Dichlorobenzene                                  | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| 1,4-Naphthoquinone                                   | ND(2.4)                         | ND(2.1) [ND(2.1)]                 | ND(7.3) [ND(7.5)]               | ND(6.8)                         |
| 1-Naphthylamine                                      | ND(2.4)                         | ND(2.1) [ND(2.1)]                 | ND(2.9) [ND(3.0)]               | ND(2.7)                         |
| 2,3,4,6-Tetrachlorophenol                            | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-26-SS-3<br>2-4<br>11/27/00 | 19-9-26-SS-3<br>10-12<br>11/27/00 | 19-9-26-SS-4<br>0-1<br>11/28/00 | 19-9-26-SS-4<br>1-2<br>11/28/00 |
|------------------------------------------------------|---------------------------------|-----------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                 |                                   |                                 |                                 |
| 2,4,5-Trichlorophenol                                | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| 2,4,6-Trichlorophenol                                | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| 2,4-Dichlorophenol                                   | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| 2,4-Dimethylphenol                                   | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| 2,4-Dinitrophenol                                    | ND(2.4)                         | ND(2.1) [ND(2.1)]                 | ND(2.5) [ND(2.4)]               | ND(2.3)                         |
| 2,4-Dinitrotoluene                                   | ND(2.4)                         | ND(2.1) [ND(2.1)]                 | ND(2.5) [ND(2.4)]               | ND(2.3)                         |
| 2,6-Dichlorophenol                                   | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| 2,6-Dinitrotoluene                                   | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| 2-Acetylaminofluorene                                | ND(0.94)                        | ND(0.83) [ND(0.85)]               | ND(2.9) [ND(3.0)]               | ND(6.8)                         |
| 2-Chloronaphthalene                                  | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| 2-Chlorophenol                                       | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| 2-Methylnaphthalene                                  | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| 2-Methylphenol                                       | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| 2-Naphthylamine                                      | ND(2.4)                         | ND(2.1) [ND(2.1)]                 | ND(2.9) [ND(3.0)]               | ND(2.7)                         |
| 2-Nitroaniline                                       | ND(2.4)                         | ND(2.1) [ND(2.1)]                 | ND(2.5) [ND(2.4)]               | ND(2.3)                         |
| 2-Nitrophenol                                        | ND(0.94)                        | ND(0.83) [ND(0.85)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| 2-Picoline                                           | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| 3&4-Methylphenol                                     | ND(0.94)                        | ND(0.83) [ND(0.85)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| 3,3'-Dichlorobenzidine                               | ND(2.4)                         | ND(2.1) [ND(2.1)]                 | ND(2.5) [ND(2.4)]               | ND(2.3)                         |
| 3,3'-Dimethylbenzidine                               | ND(2.4)                         | ND(2.1) [ND(2.1)]                 | ND(7.3) [ND(7.5)]               | ND(6.8)                         |
| 3-Methylcholanthrene                                 | ND(0.94)                        | ND(0.83) [ND(0.85)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| 3-Nitroaniline                                       | ND(2.4)                         | ND(2.1) [ND(2.1)]                 | ND(2.5) [ND(2.4)]               | ND(2.3)                         |
| 4,6-Dinitro-2-methylphenol                           | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| 4-Aminobiphenyl                                      | ND(0.94)                        | ND(0.83) [ND(0.85)]               | ND(2.9) [ND(3.0)]               | ND(2.7)                         |
| 4-Bromophenyl-phenylether                            | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| 4-Chloro-3-Methylphenol                              | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| 4-Chloroaniline                                      | ND(0.94)                        | ND(0.83) [ND(0.85)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| 4-Chlorobenzilate                                    | ND(2.4)                         | ND(2.1) [ND(2.1)]                 | ND(7.3) [ND(7.5)]               | ND(6.8)                         |
| 4-Chlorophenyl-phenylether                           | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| 4-Nitroaniline                                       | ND(2.4)                         | ND(2.1) [ND(2.1)]                 | ND(2.5) [ND(2.4)]               | ND(2.3)                         |
| 4-Nitrophenol                                        | ND(2.4)                         | ND(2.1) [ND(2.1)]                 | ND(2.5) [ND(2.4)]               | ND(2.3)                         |
| 4-Nitroquinoline-1-oxide                             | ND(2.4)                         | ND(2.1) [ND(2.1)]                 | ND(7.3) [ND(7.5)]               | ND(6.8)                         |
| 4-Phenylenediamine                                   | ND(2.4)                         | ND(2.1) [ND(2.1)]                 | ND(7.3) [ND(7.5)]               | ND(6.8)                         |
| 5-Nitro-o-toluidine                                  | ND(2.4)                         | ND(2.1) [ND(2.1)]                 | ND(7.3) [ND(7.5)]               | ND(6.8)                         |
| 7,12-Dimethylbenz(a)anthracene                       | ND(0.94)                        | ND(0.83) [ND(0.85)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| a,a'-Dimethylphenethylamine                          | ND(2.4)                         | ND(2.1) [ND(2.1)]                 | ND(7.3) [ND(7.5)]               | ND(6.8)                         |
| Acenaphthene                                         | ND(0.46)                        | ND(0.41) [ND(0.42)]               | 0.52 J [0.56 J]                 | ND(1.4)                         |
| Acenaphthylene                                       | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| Acetophenone                                         | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| Aniline                                              | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| Anthracene                                           | ND(0.46)                        | ND(0.41) [ND(0.42)]               | 1.4 J [1.1 J]                   | ND(1.4)                         |
| Aramite                                              | ND(0.94)                        | ND(0.83) [ND(0.85)]               | ND(2.9) [ND(3.0)]               | ND(2.7)                         |
| Benzidine                                            | ND(0.94)                        | ND(0.83) [ND(0.85)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| Benzo(a)anthracene                                   | ND(0.46)                        | ND(0.41) [ND(0.42)]               | 6.8 [5.9]                       | 1.1 J                           |
| Benzo(a)pyrene                                       | ND(0.46)                        | ND(0.41) [ND(0.42)]               | 7.0 [6.0]                       | 1.5                             |
| Benzo(b)fluoranthene                                 | ND(0.46)                        | ND(0.41) [ND(0.42)]               | 7.4 [4.1]                       | 1.5                             |
| Benzo(g,h,i)perylene                                 | 0.42 J                          | ND(0.41) [ND(0.42)]               | 5.6 [4.5]                       | 2.1                             |
| Benzo(k)fluoranthene                                 | ND(0.46)                        | ND(0.41) [ND(0.42)]               | 5.9 [8.4]                       | 1.3 J                           |
| Benzoic Acid                                         | NA                              | NA                                | NA                              | NA                              |
| Benzyl Alcohol                                       | ND(0.94)                        | ND(0.83) [ND(0.85)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| bis(2-Chloroethoxy)methane                           | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| bis(2-Chloroethyl)ether                              | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| bis(2-Chloroisopropyl)ether                          | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| bis(2-Ethylhexyl)phthalate                           | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| Butylbenzylphthalate                                 | ND(0.94)                        | ND(0.83) [ND(0.85)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| Chrysene                                             | ND(0.46)                        | ND(0.41) [ND(0.42)]               | 8.3 [7.1]                       | 1.4                             |
| Diallate                                             | ND(0.94)                        | ND(0.83) [ND(0.85)]               | ND(1.4) [ND(1.5)]               | ND(2.8)                         |
| Dibenzo(a,h)anthracene                               | ND(0.94)                        | ND(0.83) [ND(0.85)]               | 3.8 [ND(1.5)]                   | ND(1.4)                         |
| Dibenzofuran                                         | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| Diethylphthalate                                     | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| Dimethylphthalate                                    | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| Di-n-Butylphthalate                                  | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| Di-n-Octylphthalate                                  | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| Dinoseb                                              | NA                              | NA                                | NA                              | NA                              |
| Diphenylamine                                        | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |
| Ethyl Methacrylate                                   | NA                              | NA                                | NA                              | NA                              |
| Ethyl Methanesulfonate                               | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]               | ND(1.4)                         |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-26-SS-3<br>2-4<br>11/27/00 | 19-9-26-SS-3<br>10-12<br>11/27/00 | 19-9-26-SS-4<br>0-1<br>11/28/00  | 19-9-26-SS-4<br>1-2<br>11/28/00 |
|------------------------------------------------------|---------------------------------|-----------------------------------|----------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                 |                                   |                                  |                                 |
| Fluoranthene                                         | ND(0.46)                        | ND(0.41) [ND(0.42)]               | 17 [13]                          | 2.3                             |
| Fluorene                                             | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]                | ND(1.4)                         |
| Hexachlorobenzene                                    | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]                | ND(1.4)                         |
| Hexachlorobutadiene                                  | ND(0.94)                        | ND(0.83) [ND(0.85)]               | ND(1.4) [ND(1.5)]                | ND(1.4)                         |
| Hexachlorocyclopentadiene                            | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]                | ND(1.4)                         |
| Hexachloroethane                                     | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]                | ND(1.4)                         |
| Hexachlorophene                                      | ND(0.94)                        | ND(0.83) [ND(0.85)]               | ND(2.9) [ND(3.0)]                | ND(6.8)                         |
| Hexachloropropene                                    | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]                | ND(1.4)                         |
| Indeno(1,2,3-cd)pyrene                               | ND(0.94)                        | ND(0.83) [ND(0.85)]               | 10 [8.0]                         | 1.8                             |
| Isodrin                                              | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]                | ND(2.7)                         |
| Isophorone                                           | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]                | ND(1.4)                         |
| Isosafrole                                           | ND(0.94)                        | ND(0.83) [ND(0.85)]               | ND(1.4) [ND(1.5)]                | ND(1.4)                         |
| Methapyrilene                                        | ND(2.4)                         | ND(2.1) [ND(2.1)]                 | ND(7.3) [ND(7.5)]                | ND(6.8)                         |
| Methyl Methanesulfonate                              | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]                | ND(1.4)                         |
| Naphthalene                                          | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]                | ND(1.4)                         |
| Nitrobenzene                                         | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]                | ND(1.4)                         |
| N-Nitrosodiethylamine                                | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]                | ND(1.4)                         |
| N-Nitrosodimethylamine                               | ND(0.94)                        | ND(0.83) [ND(0.85)]               | ND(1.4) [ND(1.5)]                | ND(1.4)                         |
| N-Nitroso-di-n-butylamine                            | ND(0.94)                        | ND(0.83) [ND(0.85)]               | ND(1.4) [ND(1.5)]                | ND(1.4)                         |
| N-Nitroso-di-n-propylamine                           | ND(0.94)                        | ND(0.83) [ND(0.85)]               | ND(1.4) [ND(1.5)]                | ND(1.4)                         |
| N-Nitrosodiphenylamine                               | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]                | ND(1.4)                         |
| N-Nitrosomethylethylamine                            | ND(0.94)                        | ND(0.83) [ND(0.85)]               | ND(2.9) [ND(3.0)]                | ND(2.7)                         |
| N-Nitrosomorpholine                                  | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]                | ND(1.4)                         |
| N-Nitrosopiperidine                                  | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]                | ND(1.4)                         |
| N-Nitrosopyrrolidine                                 | ND(0.94)                        | ND(0.83) [ND(0.85)]               | ND(1.4) [ND(1.5)]                | ND(1.4)                         |
| o,o,o-Triethylphosphorothioate                       | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]                | ND(2.7)                         |
| o-Toluidine                                          | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]                | ND(1.4)                         |
| p-Dimethylaminoazobenzene                            | ND(2.4)                         | ND(2.1) [ND(2.1)]                 | ND(7.3) [ND(7.5)]                | ND(6.8)                         |
| Pentachlorobenzene                                   | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]                | ND(1.4)                         |
| Pentachloroethane                                    | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]                | ND(1.4)                         |
| Pentachloronitrobenzene                              | ND(2.4)                         | ND(2.1) [ND(2.1)]                 | ND(7.3) [ND(7.5)]                | ND(6.8)                         |
| Pentachlorophenol                                    | ND(2.4)                         | ND(2.1) [ND(2.1)]                 | ND(2.5) [ND(2.4)]                | ND(2.3)                         |
| Phenacetin                                           | ND(2.4)                         | ND(2.1) [ND(2.1)]                 | ND(7.3) [ND(7.5)]                | ND(6.8)                         |
| Phenanthrene                                         | ND(0.46)                        | ND(0.41) [ND(0.42)]               | 9.9 [8.2]                        | 1.2 J                           |
| Phenol                                               | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]                | ND(1.4)                         |
| Pronamide                                            | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]                | ND(6.8)                         |
| Pyrene                                               | ND(0.46)                        | ND(0.41) [ND(0.42)]               | 13 [9.1]                         | 2.0                             |
| Pyridine                                             | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]                | ND(1.4)                         |
| Safrole                                              | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]                | ND(1.4)                         |
| Sulfotep                                             | NA                              | NA                                | NA                               | NA                              |
| Thionazin                                            | ND(0.46)                        | ND(0.41) [ND(0.42)]               | ND(1.4) [ND(1.5)]                | ND(6.8)                         |
| <b>Furans</b>                                        |                                 |                                   |                                  |                                 |
| 2,3,7,8-TCDF                                         | 0.000064                        | ND(0.0000022) [ND(0.0000014)]     | 0.000037 [0.000032]              | 0.000043                        |
| TCDFs (total)                                        | 0.000019                        | ND(0.0000022) [ND(0.0000014)]     | 0.00019 [0.00017]                | 0.00025                         |
| 1,2,3,7,8-PeCDF                                      | 0.000029                        | ND(0.0000022) [ND(0.0000020)]     | ND(0.000014) X [0.000013 I]      | ND(0.000016) X                  |
| 2,3,4,7,8-PeCDF                                      | 0.000026                        | ND(0.0000022) [ND(0.0000020)]     | ND(0.000012) X [0.000012]        | 0.000013                        |
| PeCDFs (total)                                       | 0.000027                        | ND(0.0000022) [ND(0.0000020)]     | 0.00027 [0.00014]                | 0.00036                         |
| 1,2,3,4,7,8-HxCDF                                    | 0.000088 I                      | ND(0.00000085) [ND(0.00000081)]   | 0.00014 [0.00012 I]              | 0.00018                         |
| 1,2,3,6,7,8-HxCDF                                    | 0.000013                        | ND(0.00000086) [ND(0.00000081)]   | 0.000088 [0.0000076]             | 0.000086                        |
| 1,2,3,7,8,9-HxCDF                                    | ND(0.0000038)                   | ND(0.0000011) [ND(0.0000010)]     | ND(0.000024) [ND(0.000014)]      | ND(0.000025)                    |
| 2,3,4,6,7,8-HxCDF                                    | 0.000013                        | ND(0.00000086) [ND(0.00000081)]   | 0.000015 [0.000013]              | 0.000019                        |
| HxCDFs (total)                                       | 0.000012                        | ND(0.00000086) [ND(0.00000081)]   | 0.00020 [0.00018]                | 0.00026                         |
| 1,2,3,4,6,7,8-HpCDF                                  | 0.000054                        | ND(0.0000020) [ND(0.00000080)]    | ND(0.000042) X [ND(0.000034) X]  | 0.000036                        |
| 1,2,3,4,7,8,9-HpCDF                                  | ND(0.0000011)                   | ND(0.0000021) [ND(0.0000011)]     | ND(0.000034) X [0.000037]        | 0.000044                        |
| HpCDFs (total)                                       | 0.000054                        | ND(0.00000067) [ND(0.00000080)]   | ND(0.000016) [0.000037]          | 0.000043                        |
| OCDF                                                 | 0.000027                        | ND(0.0000012) [ND(0.00000066)]    | 0.000064 [0.000047]              | 0.000032                        |
| <b>Dioxins</b>                                       |                                 |                                   |                                  |                                 |
| 2,3,7,8-TCDD                                         | ND(0.00000091)                  | ND(0.0000017) [ND(0.0000027)]     | ND(0.000013) X [ND(0.0000058)]   | ND(0.0000037)                   |
| TCDDs (total)                                        | ND(0.00000091)                  | ND(0.0000017) [ND(0.0000027)]     | ND(0.0000066) [0.000069]         | 0.000043                        |
| 1,2,3,7,8-PeCDD                                      | ND(0.0000061)                   | ND(0.0000052) [ND(0.0000039)]     | ND(0.000012) [ND(0.000013)]      | ND(0.0000093)                   |
| PeCDDs (total)                                       | ND(0.0000061)                   | ND(0.0000052) [ND(0.0000039)]     | ND(0.000012) [ND(0.000013)]      | ND(0.0000093)                   |
| 1,2,3,4,7,8-HxCDD                                    | ND(0.0000020)                   | ND(0.0000021) [ND(0.0000025)]     | ND(0.000012) X [ND(0.0000096) X] | ND(0.0000050)                   |
| 1,2,3,6,7,8-HxCDD                                    | ND(0.0000019)                   | ND(0.0000020) [ND(0.0000024)]     | 0.000050 [0.000042]              | ND(0.0000020) X                 |
| 1,2,3,7,8,9-HxCDD                                    | ND(0.0000019)                   | ND(0.0000020) [ND(0.0000023)]     | ND(0.000055) X [ND(0.000039) X]  | ND(0.000018) X                  |
| HxCDDs (total)                                       | 0.000011                        | ND(0.0000020) [ND(0.0000024)]     | 0.000024 [0.0000078]             | 0.000036                        |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.000012                        | ND(0.00000067) [ND(0.0000011)]    | 0.000081 [0.000058]              | 0.000028                        |
| HpCDDs (total)                                       | 0.000021                        | ND(0.00000067) [ND(0.0000011)]    | 0.00015 [0.00011]                | 0.000052                        |
| OCDD                                                 | 0.000047 B                      | 0.0000058 B [0.0000054 B]         | 0.00071 B [0.00045 B]            | 0.00019 B                       |
| Total TEQs (WHO TEFs)                                | 0.000037                        | 0.0000047 [0.0000045]             | 0.000027 [0.000026]              | 0.000034                        |

**TABLE B-2  
PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Parameter         | Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-26-SS-3<br>2-4<br>11/27/00 | 19-9-26-SS-3<br>10-12<br>11/27/00 | 19-9-26-SS-4<br>0-1<br>11/28/00 | 19-9-26-SS-4<br>1-2<br>11/28/00 |
|-------------------|------------------------------------------------------|---------------------------------|-----------------------------------|---------------------------------|---------------------------------|
| <b>Inorganics</b> |                                                      |                                 |                                   |                                 |                                 |
| Aluminum          |                                                      | NA                              | NA                                | NA                              | NA                              |
| Antimony          |                                                      | ND(13.0)                        | ND(11.0) [ND(11.0)]               | ND(13.0) [ND(13.0)]             | ND(12.0)                        |
| Arsenic           |                                                      | ND(21.0)                        | ND(18.0) [ND(19.0)]               | ND(22.0) [ND(22.0)]             | ND(20.0)                        |
| Barium            |                                                      | ND(42.0)                        | ND(37.0) [ND(38.0)]               | 90.0 [100]                      | 110                             |
| Beryllium         |                                                      | 0.270                           | 0.280 [0.300]                     | 0.320 [0.360]                   | 0.360                           |
| Cadmium           |                                                      | ND(2.10)                        | ND(1.80) [ND(1.90)]               | ND(2.20) [ND(2.20)]             | ND(2.00)                        |
| Calcium           |                                                      | NA                              | NA                                | NA                              | NA                              |
| Chromium          |                                                      | 5.70                            | 5.10 [ND(5.00)]                   | 20.0 [17.0]                     | 12.0                            |
| Cobalt            |                                                      | ND(10.0)                        | ND(9.30) [ND(9.50)]               | 11.0 [ND(11.0)]                 | ND(10.0)                        |
| Copper            |                                                      | 22.0                            | ND(18.0) [ND(19.0)]               | 42.0 [49.0]                     | 54.0                            |
| Cyanide           |                                                      | ND(1.00)                        | ND(1.00) [ND(1.00)]               | ND(1.40) [0.320]                | ND(1.00)                        |
| Iron              |                                                      | NA                              | NA                                | NA                              | NA                              |
| Lead              |                                                      | 50.0                            | 6.00 [6.00]                       | 270 [330]                       | 430                             |
| Magnesium         |                                                      | NA                              | NA                                | NA                              | NA                              |
| Manganese         |                                                      | NA                              | NA                                | NA                              | NA                              |
| Mercury           |                                                      | 0.330                           | ND(0.250) [ND(0.250)]             | 0.610 [0.480]                   | 0.600                           |
| Nickel            |                                                      | 11.0                            | 12.0 [10.0]                       | 18.0 [18.0]                     | 18.0                            |
| Potassium         |                                                      | NA                              | NA                                | NA                              | NA                              |
| Selenium          |                                                      | ND(1.00)                        | ND(0.930) [ND(0.950)]             | ND(1.10) [ND(1.10)]             | ND(1.00)                        |
| Silver            |                                                      | ND(1.00)                        | ND(0.930) [ND(0.950)]             | ND(1.10) [ND(1.10)]             | ND(1.00)                        |
| Sodium            |                                                      | NA                              | NA                                | NA                              | NA                              |
| Sulfide           |                                                      | 11.0                            | 9.80 [16.0]                       | 12.0 [ND(7.20)]                 | 8.60                            |
| Thallium          |                                                      | ND(2.10)                        | ND(1.80) [ND(1.90)]               | ND(2.20) [ND(2.20)]             | ND(2.00)                        |
| Tin               |                                                      | ND(63.0)                        | ND(56.0) [ND(57.0)]               | ND(66.0) [ND(65.0)]             | ND(62.0)                        |
| Vanadium          |                                                      | ND(10.0)                        | ND(9.30) [ND(9.50)]               | 14.0 [16.0]                     | 14.0                            |
| Zinc              |                                                      | 71.0                            | 34.0 [28.0]                       | 180 [200]                       | 190                             |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-26-SS-6<br>0-1<br>06/24/99 | 19-9-27-SB-1<br>4-6<br>11/28/00 | 19-9-27-SB-2<br>0-1<br>06/24/99 | 19-9-27-SB-2<br>8-10<br>11/27/00 | 19-9-27-SB-3<br>0-1<br>11/28/00 | 19-9-27-SB-3<br>4-6<br>11/28/00 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------|---------------------------------|---------------------------------|
| <b>Volatiles Organics</b>                            |                                 |                                 |                                 |                                  |                                 |                                 |
| 1,1,1,2-Tetrachloroethane                            | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| 1,1,1-Trichloroethane                                | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| 1,1,2,2-Tetrachloroethane                            | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| 1,1,2-Trichloroethane                                | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| 1,1-Dichloroethane                                   | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| 1,1-Dichloroethene                                   | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| 1,2,3-Trichloropropane                               | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| 1,2-Dibromo-3-chloropropane                          | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| 1,2-Dibromoethane                                    | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| 1,2-Dichloroethane                                   | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| 1,2-Dichloropropane                                  | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| 1,4-Dioxane                                          | ND(0.20)                        | ND(0.20)                        | ND(0.20)                        | ND(0.20)                         | ND(0.20)                        | ND(0.20)                        |
| 2-Butanone                                           | ND(0.10)                        | ND(0.10)                        | ND(0.10)                        | ND(0.10)                         | ND(0.10)                        | ND(0.10)                        |
| 2-Chloro-1,3-butadiene                               | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| 2-Chloroethylvinylether                              | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| 2-Hexanone                                           | ND(0.010)                       | ND(0.013)                       | ND(0.010)                       | ND(0.015)                        | ND(0.013)                       | ND(0.014)                       |
| 3-Chloropropene                                      | ND(0.010)                       | ND(0.013)                       | ND(0.010)                       | ND(0.015)                        | ND(0.013)                       | ND(0.014)                       |
| 4-Methyl-2-pentanone                                 | ND(0.010)                       | ND(0.013)                       | ND(0.010)                       | ND(0.015)                        | ND(0.013)                       | ND(0.014)                       |
| Acetone                                              | ND(0.10)                        | ND(0.10)                        | ND(0.10)                        | ND(0.10)                         | ND(0.10)                        | ND(0.10)                        |
| Acetonitrile                                         | ND(0.10)                        | ND(0.13)                        | ND(0.10)                        | ND(0.15)                         | ND(0.13)                        | ND(0.14)                        |
| Acrolein                                             | ND(0.10)                        | ND(0.13)                        | ND(0.10)                        | ND(0.15)                         | ND(0.13)                        | ND(0.14)                        |
| Acrylonitrile                                        | ND(0.010)                       | ND(0.013)                       | ND(0.010)                       | ND(0.015)                        | ND(0.013)                       | ND(0.014)                       |
| Benzene                                              | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| Bromodichloromethane                                 | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| Bromoform                                            | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| Bromomethane                                         | ND(0.010)                       | ND(0.013)                       | ND(0.010)                       | ND(0.015)                        | ND(0.013)                       | ND(0.014)                       |
| Carbon Disulfide                                     | ND(0.010)                       | ND(0.010)                       | ND(0.010)                       | ND(0.010)                        | ND(0.010)                       | ND(0.010)                       |
| Carbon Tetrachloride                                 | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| Chlorobenzene                                        | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| Chloroethane                                         | ND(0.010)                       | ND(0.013)                       | ND(0.010)                       | ND(0.015)                        | ND(0.013)                       | ND(0.014)                       |
| Chloroform                                           | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| Chloromethane                                        | ND(0.010)                       | ND(0.013)                       | ND(0.010)                       | ND(0.015)                        | ND(0.013)                       | ND(0.014)                       |
| cis-1,3-Dichloropropene                              | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| Dibromochloromethane                                 | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| Dibromomethane                                       | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| Dichlorodifluoromethane                              | ND(0.010)                       | ND(0.013)                       | ND(0.010)                       | ND(0.015)                        | ND(0.013)                       | ND(0.014)                       |
| Ethyl Methacrylate                                   | ND(0.010)                       | ND(0.013)                       | ND(0.010)                       | ND(0.015)                        | ND(0.013)                       | ND(0.014)                       |
| Ethylbenzene                                         | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| Iodomethane                                          | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| Isobutanol                                           | ND(0.20)                        | ND(0.25)                        | ND(0.20)                        | ND(0.29)                         | ND(0.26)                        | ND(0.27)                        |
| Methacrylonitrile                                    | ND(0.010)                       | ND(0.013)                       | ND(0.010)                       | ND(0.015)                        | ND(0.013)                       | ND(0.014)                       |
| Methyl Methacrylate                                  | ND(0.010)                       | ND(0.013)                       | ND(0.010)                       | ND(0.015)                        | ND(0.013)                       | ND(0.014)                       |
| Methylene Chloride                                   | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| Propionitrile                                        | ND(0.050)                       | ND(0.063)                       | ND(0.060)                       | ND(0.073)                        | ND(0.064)                       | ND(0.068)                       |
| Styrene                                              | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| Tetrachloroethene                                    | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| Toluene                                              | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| trans-1,2-Dichloroethene                             | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| trans-1,3-Dichloropropene                            | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| trans-1,4-Dichloro-2-butene                          | ND(0.010)                       | ND(0.013)                       | ND(0.010)                       | ND(0.015)                        | ND(0.013)                       | ND(0.014)                       |
| Trichloroethene                                      | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| Trichlorofluoromethane                               | ND(0.0050)                      | ND(0.0063)                      | ND(0.0060)                      | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| Vinyl Acetate                                        | ND(0.010)                       | ND(0.013)                       | ND(0.010)                       | ND(0.015)                        | ND(0.013)                       | ND(0.014)                       |
| Vinyl Chloride                                       | ND(0.010)                       | ND(0.013)                       | ND(0.010)                       | ND(0.015)                        | ND(0.013)                       | ND(0.014)                       |
| Xylenes (total)                                      | ND(0.010)                       | ND(0.0063)                      | ND(0.010)                       | ND(0.0073)                       | ND(0.0064)                      | ND(0.0068)                      |
| <b>Semivolatiles Organics</b>                        |                                 |                                 |                                 |                                  |                                 |                                 |
| 1,2,4,5-Tetrachlorobenzene                           | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| 1,2,4-Trichlorobenzene                               | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| 1,2-Dichlorobenzene                                  | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| 1,2-Diphenylhydrazine                                | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| 1,3,5-Trinitrobenzene                                | ND(0.70)                        | ND(0.84)                        | ND(0.70)                        | ND(1.9)                          | ND(0.86)                        | ND(0.91)                        |
| 1,3-Dichlorobenzene                                  | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| 1,3-Dinitrobenzene                                   | ND(2.0)                         | ND(2.1)                         | ND(2.0)                         | ND(4.8)                          | ND(2.2)                         | ND(2.3)                         |
| 1,4-Dichlorobenzene                                  | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| 1,4-Naphthoquinone                                   | ND(2.0)                         | ND(2.1)                         | ND(2.0)                         | ND(4.8)                          | ND(2.2)                         | ND(2.3)                         |
| 1-Naphthylamine                                      | ND(2.0)                         | ND(2.1)                         | ND(2.0)                         | ND(2.5)                          | ND(2.2)                         | ND(2.3)                         |
| 2,3,4,6-Tetrachlorophenol                            | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-26-SS-6<br>0-1<br>06/24/99 | 19-9-27-SB-1<br>4-6<br>11/28/00 | 19-9-27-SB-2<br>0-1<br>06/24/99 | 19-9-27-SB-2<br>8-10<br>11/27/00 | 19-9-27-SB-3<br>0-1<br>11/28/00 | 19-9-27-SB-3<br>4-6<br>11/28/00 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                 |                                 |                                 |                                  |                                 |                                 |
| 2,4,5-Trichlorophenol                                | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| 2,4,6-Trichlorophenol                                | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| 2,4-Dichlorophenol                                   | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| 2,4-Dimethylphenol                                   | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| 2,4-Dinitrophenol                                    | ND(2.0)                         | ND(2.1)                         | ND(2.0)                         | ND(2.5)                          | ND(2.2)                         | ND(2.3)                         |
| 2,4-Dinitrotoluene                                   | ND(2.0)                         | ND(2.1)                         | ND(2.0)                         | ND(2.5)                          | ND(2.2)                         | ND(2.3)                         |
| 2,6-Dichlorophenol                                   | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| 2,6-Dinitrotoluene                                   | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| 2-Acetylaminofluorene                                | ND(0.70)                        | ND(0.84)                        | ND(0.70)                        | ND(1.9)                          | ND(2.1)                         | ND(2.2)                         |
| 2-Chloronaphthalene                                  | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| 2-Chlorophenol                                       | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| 2-Methylnaphthalene                                  | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| 2-Methylphenol                                       | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| 2-Naphthylamine                                      | ND(2.0)                         | ND(2.1)                         | ND(2.0)                         | ND(2.5)                          | ND(2.2)                         | ND(2.3)                         |
| 2-Nitroaniline                                       | ND(2.0)                         | ND(2.1)                         | ND(2.0)                         | ND(2.5)                          | ND(2.2)                         | ND(2.3)                         |
| 2-Nitrophenol                                        | ND(0.70)                        | ND(0.84)                        | ND(0.70)                        | ND(0.98)                         | ND(0.86)                        | ND(0.91)                        |
| 2-Picoline                                           | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| 3&4-Methylphenol                                     | ND(0.70)                        | ND(0.84)                        | ND(0.70)                        | ND(0.98)                         | ND(0.86)                        | ND(0.91)                        |
| 3,3'-Dichlorobenzidine                               | ND(2.0)                         | ND(2.1)                         | ND(2.0)                         | ND(2.5)                          | ND(2.2)                         | ND(2.3)                         |
| 3,3'-Dimethylbenzidine                               | ND(2.0)                         | ND(2.1)                         | ND(2.0)                         | ND(4.8)                          | ND(2.2)                         | ND(2.3)                         |
| 3-Methylcholanthrene                                 | ND(0.70)                        | ND(0.84)                        | ND(0.70)                        | ND(0.98)                         | ND(0.86)                        | ND(0.91)                        |
| 3-Nitroaniline                                       | ND(2.0)                         | ND(2.1)                         | ND(2.0)                         | ND(2.5)                          | ND(2.2)                         | ND(2.3)                         |
| 4,6-Dinitro-2-methylphenol                           | ND(2.0)                         | ND(0.42)                        | ND(2.0)                         | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| 4-Aminobiphenyl                                      | ND(0.70)                        | ND(0.84)                        | ND(0.70)                        | ND(1.9)                          | ND(0.86)                        | ND(0.91)                        |
| 4-Bromophenyl-phenylether                            | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| 4-Chloro-3-Methylphenol                              | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| 4-Chloroaniline                                      | ND(0.70)                        | ND(0.84)                        | ND(0.70)                        | ND(0.98)                         | ND(0.86)                        | ND(0.91)                        |
| 4-Chlorobenzilate                                    | ND(2.0)                         | ND(2.1)                         | ND(2.0)                         | ND(4.8)                          | ND(2.2)                         | ND(2.3)                         |
| 4-Chlorophenyl-phenylether                           | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| 4-Nitroaniline                                       | ND(2.0)                         | ND(2.1)                         | ND(2.0)                         | ND(2.5)                          | ND(2.2)                         | ND(2.3)                         |
| 4-Nitrophenol                                        | ND(2.0)                         | ND(2.1)                         | ND(2.0)                         | ND(2.5)                          | ND(2.2)                         | ND(2.3)                         |
| 4-Nitroquinoline-1-oxide                             | ND(2.0)                         | ND(2.1)                         | ND(2.0)                         | ND(4.8)                          | ND(2.2)                         | ND(2.3)                         |
| 4-Phenylenediamine                                   | ND(2.0)                         | ND(2.1)                         | ND(2.0)                         | ND(4.8)                          | ND(2.2)                         | ND(2.3)                         |
| 5-Nitro-o-toluidine                                  | ND(2.0)                         | ND(2.1)                         | ND(2.0)                         | ND(4.8)                          | ND(2.2)                         | ND(2.3)                         |
| 7,12-Dimethylbenz(a)anthracene                       | ND(0.70)                        | ND(0.84)                        | ND(0.70)                        | ND(0.98)                         | ND(0.86)                        | ND(0.91)                        |
| a,a'-Dimethylphenethylamine                          | ND(2.0)                         | ND(2.1)                         | ND(2.0)                         | ND(4.8)                          | ND(2.2)                         | ND(2.3)                         |
| Acenaphthene                                         | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Acenaphthylene                                       | 0.30                            | ND(0.42)                        | 0.50                            | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Acetophenone                                         | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Aniline                                              | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Anthracene                                           | 0.50                            | ND(0.42)                        | 0.70                            | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Aramite                                              | ND(0.70)                        | ND(0.84)                        | ND(0.70)                        | ND(1.9)                          | ND(0.86)                        | ND(0.91)                        |
| Benzidine                                            | ND(0.70)                        | ND(0.84)                        | ND(0.70)                        | ND(0.98)                         | ND(0.86)                        | ND(0.91)                        |
| Benzo(a)anthracene                                   | 2.0                             | 0.47                            | 2.0                             | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Benzo(a)pyrene                                       | 1.0                             | 0.44                            | 2.0                             | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Benzo(b)fluoranthene                                 | 2.0                             | 0.39 J                          | 2.0                             | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Benzo(g,h,i)perylene                                 | 0.90                            | ND(0.42)                        | 1.0                             | ND(0.96)                         | 0.45                            | ND(0.45)                        |
| Benzo(k)fluoranthene                                 | 0.70                            | 0.36 J                          | 1.0                             | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Benzoic Acid                                         | NA                              | NA                              | NA                              | NA                               | NA                              | NA                              |
| Benzyl Alcohol                                       | ND(0.70)                        | ND(0.84)                        | ND(0.70)                        | ND(0.98)                         | ND(0.86)                        | ND(0.91)                        |
| bis(2-Chloroethoxy)methane                           | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| bis(2-Chloroethyl)ether                              | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| bis(2-Chloroisopropyl)ether                          | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| bis(2-Ethylhexyl)phthalate                           | 0.40                            | ND(0.42)                        | 19                              | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Butylbenzylphthalate                                 | 2.0                             | ND(0.84)                        | 0.70                            | ND(0.98)                         | ND(0.86)                        | ND(0.91)                        |
| Chrysene                                             | 2.0                             | 0.43                            | 2.0                             | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Diallate                                             | ND(0.70)                        | ND(0.84)                        | ND(0.70)                        | ND(0.98)                         | ND(0.86)                        | ND(0.91)                        |
| Dibenzo(a,h)anthracene                               | ND(0.70)                        | ND(0.84)                        | ND(0.70)                        | ND(0.98)                         | ND(0.86)                        | ND(0.91)                        |
| Dibenzofuran                                         | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Diethylphthalate                                     | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Dimethylphthalate                                    | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Di-n-Butylphthalate                                  | ND(0.30)                        | ND(0.42)                        | 2.0                             | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Di-n-Octylphthalate                                  | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Dinoseb                                              | NA                              | NA                              | NA                              | NA                               | NA                              | NA                              |
| Diphenylamine                                        | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Ethyl Methacrylate                                   | NA                              | NA                              | NA                              | NA                               | NA                              | NA                              |
| Ethyl Methanesulfonate                               | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-26-SS-6<br>0-1<br>06/24/99 | 19-9-27-SB-1<br>4-6<br>11/28/00 | 19-9-27-SB-2<br>0-1<br>06/24/99 | 19-9-27-SB-2<br>8-10<br>11/27/00 | 19-9-27-SB-3<br>0-1<br>11/28/00 | 19-9-27-SB-3<br>4-6<br>11/28/00 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                 |                                 |                                 |                                  |                                 |                                 |
| Fluoranthene                                         | 4.0                             | 0.94                            | 4.0                             | 1.1                              | 0.48                            | ND(0.45)                        |
| Fluorene                                             | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Hexachlorobenzene                                    | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Hexachlorobutadiene                                  | ND(2.0)                         | ND(0.84)                        | ND(2.0)                         | ND(0.98)                         | ND(0.86)                        | ND(0.91)                        |
| Hexachlorocyclopentadiene                            | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Hexachloroethane                                     | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Hexachlorophene                                      | ND(0.70)                        | ND(0.84)                        | ND(0.70)                        | ND(1.9)                          | ND(2.1)                         | ND(2.2)                         |
| Hexachloropropene                                    | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Indeno(1,2,3-cd)pyrene                               | 1.0                             | 0.41 J                          | 1.0                             | ND(0.98)                         | ND(0.86)                        | ND(0.91)                        |
| Isodrin                                              | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.83)                        | ND(0.90)                        |
| Isophorone                                           | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Isosafrole                                           | ND(0.70)                        | ND(0.84)                        | ND(0.70)                        | ND(0.98)                         | ND(0.86)                        | ND(0.91)                        |
| Methapyrene                                          | ND(2.0)                         | ND(2.1)                         | ND(2.0)                         | ND(4.8)                          | ND(2.2)                         | ND(2.3)                         |
| Methyl Methanesulfonate                              | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Naphthalene                                          | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Nitrobenzene                                         | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| N-Nitrosodiethylamine                                | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| N-Nitrosodimethylamine                               | ND(0.70)                        | ND(0.84)                        | ND(0.70)                        | ND(0.98)                         | ND(0.86)                        | ND(0.91)                        |
| N-Nitroso-di-n-butylamine                            | ND(0.70)                        | ND(0.84)                        | ND(0.70)                        | ND(0.98)                         | ND(0.86)                        | ND(0.91)                        |
| N-Nitroso-di-n-propylamine                           | ND(2.0)                         | ND(0.84)                        | ND(2.0)                         | ND(0.98)                         | ND(0.86)                        | ND(0.91)                        |
| N-Nitrosodiphenylamine                               | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| N-Nitrosomethylethylamine                            | ND(0.70)                        | ND(0.84)                        | ND(0.70)                        | ND(1.9)                          | ND(0.86)                        | ND(0.91)                        |
| N-Nitrosomorpholine                                  | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| N-Nitrosopiperidine                                  | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| N-Nitrosopyrrolidine                                 | ND(0.70)                        | ND(0.84)                        | ND(0.70)                        | ND(0.98)                         | ND(0.86)                        | ND(0.91)                        |
| o,o,o-Triethylphosphorothioate                       | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.83)                        | ND(0.90)                        |
| o-Toluidine                                          | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| p-Dimethylaminoazobenzene                            | ND(2.0)                         | ND(2.1)                         | ND(2.0)                         | ND(4.8)                          | ND(2.2)                         | ND(2.3)                         |
| Pentachlorobenzene                                   | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Pentachloroethane                                    | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Pentachloronitrobenzene                              | ND(2.0)                         | ND(2.1)                         | ND(2.0)                         | ND(4.8)                          | ND(2.2)                         | ND(2.3)                         |
| Pentachlorophenol                                    | ND(2.0)                         | ND(2.1)                         | ND(2.0)                         | ND(2.5)                          | ND(2.2)                         | ND(2.3)                         |
| Phenacetin                                           | ND(2.0)                         | ND(2.1)                         | ND(2.0)                         | ND(4.8)                          | ND(2.2)                         | ND(2.3)                         |
| Phenanthrene                                         | 2.0                             | 0.53                            | 1.0                             | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Phenol                                               | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Pronamide                                            | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(2.1)                         | ND(2.2)                         |
| Pyrene                                               | 2.0                             | 0.80                            | 3.0                             | 1.2                              | 0.44                            | ND(0.45)                        |
| Pyridine                                             | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Safrole                                              | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(0.42)                        | ND(0.45)                        |
| Sulfotep                                             | NA                              | NA                              | NA                              | NA                               | NA                              | NA                              |
| Thionazin                                            | ND(0.30)                        | ND(0.42)                        | ND(0.40)                        | ND(0.96)                         | ND(2.1)                         | ND(2.2)                         |
| <b>Furans</b>                                        |                                 |                                 |                                 |                                  |                                 |                                 |
| 2,3,7,8-TCDF                                         | 0.000060                        | 0.000067                        | 0.000023                        | ND(0.000079) X                   | 0.000014                        | 0.0000087                       |
| TCDFs (total)                                        | 0.00018                         | 0.000030                        | 0.000070                        | 0.00013                          | 0.000063                        | 0.0000087                       |
| 1,2,3,7,8-PeCDF                                      | 0.000016                        | ND(0.000029) X                  | 0.000057                        | 0.000041                         | 0.000048                        | ND(0.0000016) X                 |
| 2,3,4,7,8-PeCDF                                      | 0.000019                        | 0.000021                        | 0.000077                        | 0.000047                         | 0.000047                        | 0.0000055                       |
| PeCDFs (total)                                       | 0.00012                         | 0.000021                        | 0.000033                        | 0.000076                         | 0.000064                        | 0.0000037                       |
| 1,2,3,4,7,8-HxCDF                                    | 0.000030                        | 0.000012 I                      | 0.000083                        | 0.000021 I                       | 0.000022 I                      | 0.0000020                       |
| 1,2,3,6,7,8-HxCDF                                    | 0.000019                        | ND(0.0000027)                   | 0.000057                        | ND(0.0000055)                    | ND(0.0000098)                   | ND(0.0000056) X                 |
| 1,2,3,7,8,9-HxCDF                                    | 0.000013 J                      | ND(0.0000034)                   | 0.0000060 J                     | ND(0.0000070)                    | ND(0.0000012)                   | ND(0.0000029)                   |
| 2,3,4,6,7,8-HxCDF                                    | 0.000011                        | 0.000011                        | 0.000062                        | ND(0.0000016) X                  | 0.000026                        | 0.0000041                       |
| HxCDFs (total)                                       | 0.00018                         | 0.000010                        | 0.000062                        | 0.000022                         | 0.000037                        | 0.0000047                       |
| 1,2,3,4,6,7,8-HpCDF                                  | 0.000053                        | 0.000044                        | 0.000029                        | ND(0.0000029) X                  | 0.000022                        | 0.0000041                       |
| 1,2,3,4,7,8,9-HpCDF                                  | 0.000055                        | ND(0.0000070) X                 | 0.000025 J                      | 0.0000094                        | ND(0.0000014) X                 | ND(0.0000012)                   |
| HpCDFs (total)                                       | 0.00011                         | 0.000044                        | 0.000070                        | 0.000046                         | 0.000022                        | 0.0000046                       |
| OCDF                                                 | 0.000058                        | 0.000034                        | 0.000035                        | 0.000027                         | 0.000030                        | 0.0000019                       |
| <b>Dioxins</b>                                       |                                 |                                 |                                 |                                  |                                 |                                 |
| 2,3,7,8-TCDD                                         | 0.000020                        | ND(0.0000021)                   | 0.0000066 J                     | ND(0.0000045) X                  | ND(0.0000016)                   | ND(0.0000010)                   |
| TCDDs (total)                                        | 0.000047                        | 0.0000061                       | 0.0000066                       | 0.0000050                        | 0.000019                        | ND(0.0000010)                   |
| 1,2,3,7,8-PeCDD                                      | 0.000034                        | ND(0.0000017)                   | 0.000029                        | ND(0.0000077)                    | ND(0.0000066)                   | ND(0.0000024)                   |
| PeCDDs (total)                                       | 0.00012                         | ND(0.0000017)                   | 0.000038                        | ND(0.0000077)                    | ND(0.0000066)                   | ND(0.0000024)                   |
| 1,2,3,4,7,8-HxCDD                                    | 0.000016 J                      | ND(0.0000035)                   | 0.0000097 J                     | ND(0.0000055)                    | ND(0.0000046)                   | ND(0.0000023)                   |
| 1,2,3,6,7,8-HxCDD                                    | 0.000063                        | ND(0.0000033)                   | 0.000078                        | ND(0.0000052)                    | ND(0.0000044)                   | ND(0.0000022)                   |
| 1,2,3,7,8,9-HxCDD                                    | 0.000056                        | ND(0.0000032)                   | 0.000038                        | ND(0.0000052)                    | ND(0.0000043)                   | ND(0.0000027) X                 |
| HxCDDs (total)                                       | 0.00021                         | ND(0.0000033)                   | 0.000039                        | ND(0.0000052)                    | ND(0.0000044)                   | ND(0.0000022)                   |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.000071                        | 0.000038                        | 0.000089                        | ND(0.0000019) X                  | 0.000024                        | 0.0000023                       |
| HpCDDs (total)                                       | 0.00013                         | 0.000084                        | 0.00019                         | 0.000018                         | 0.000042                        | 0.0000046                       |
| OCDD                                                 | 0.00037                         | 0.000018 B                      | 0.00066                         | 0.000068 B                       | 0.00022 B                       | 0.0000062 B                     |
| Total TEQs (WHO TEFs)                                | 0.000031                        | 0.0000042                       | 0.000015                        | 0.0000079                        | 0.0000075                       | 0.0000092                       |



**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Parameter         | Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-26-SS-6<br>0-1<br>06/24/99 | 19-9-27-SB-1<br>4-6<br>11/28/00 | 19-9-27-SB-2<br>0-1<br>06/24/99 | 19-9-27-SB-2<br>8-10<br>11/27/00 | 19-9-27-SB-3<br>0-1<br>11/28/00 | 19-9-27-SB-3<br>4-6<br>11/28/00 |
|-------------------|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------|---------------------------------|---------------------------------|
| <b>Inorganics</b> |                                                      |                                 |                                 |                                 |                                  |                                 |                                 |
| Aluminum          |                                                      | NA                              | NA                              | NA                              | NA                               | NA                              | NA                              |
| Antimony          |                                                      | ND(9.40)                        | ND(11.0)                        | ND(11.1)                        | ND(13.0)                         | ND(12.0)                        | ND(12.0)                        |
| Arsenic           |                                                      | ND(15.7)                        | ND(19.0)                        | ND(18.4)                        | ND(22.0)                         | ND(19.0)                        | ND(20.0)                        |
| Barium            |                                                      | 169                             | 480                             | 76.9                            | ND(44.0)                         | 97.0                            | ND(41.0)                        |
| Beryllium         |                                                      | 0.280                           | 0.290                           | 0.220                           | ND(0.220)                        | 0.300                           | 0.320                           |
| Cadmium           |                                                      | ND(1.60)                        | ND(1.90)                        | ND(1.80)                        | ND(2.20)                         | ND(1.90)                        | ND(2.00)                        |
| Calcium           |                                                      | NA                              | NA                              | NA                              | NA                               | NA                              | NA                              |
| Chromium          |                                                      | 14.3                            | 11.0                            | ND(4.90)                        | ND(5.90)                         | 12.0                            | 7.30                            |
| Cobalt            |                                                      | 8.20                            | ND(9.40)                        | ND(9.20)                        | ND(11.0)                         | ND(9.60)                        | ND(10.0)                        |
| Copper            |                                                      | 43.9                            | 53.0                            | 33.2                            | 88.0                             | 27.0                            | 26.0                            |
| Cyanide           |                                                      | ND(1.00)                        | ND(1.00)                        | ND(1.20)                        | ND(1.00)                         | ND(1.00)                        | ND(1.00)                        |
| Iron              |                                                      | NA                              | NA                              | NA                              | NA                               | NA                              | NA                              |
| Lead              |                                                      | 446                             | 800                             | 146                             | 99.0                             | 120                             | 33.0                            |
| Magnesium         |                                                      | NA                              | NA                              | NA                              | NA                               | NA                              | NA                              |
| Manganese         |                                                      | NA                              | NA                              | NA                              | NA                               | NA                              | NA                              |
| Mercury           |                                                      | 0.440                           | ND(0.250)                       | 0.170                           | ND(0.290)                        | 0.370                           | ND(0.270)                       |
| Nickel            |                                                      | 18.9                            | 19.0                            | 11.8                            | ND(8.80)                         | 8.50                            | 13.0                            |
| Potassium         |                                                      | NA                              | NA                              | NA                              | NA                               | NA                              | NA                              |
| Selenium          |                                                      | ND(0.780)                       | ND(0.940)                       | ND(0.920)                       | ND(1.10)                         | ND(0.960)                       | ND(1.00)                        |
| Silver            |                                                      | ND(0.780)                       | ND(0.940)                       | ND(0.920)                       | ND(1.10)                         | ND(0.960)                       | ND(1.00)                        |
| Sodium            |                                                      | NA                              | NA                              | NA                              | NA                               | NA                              | NA                              |
| Sulfide           |                                                      | 10.0                            | 430                             | 27.1                            | 1500                             | 53.0                            | 23.0                            |
| Thallium          |                                                      | ND(1.60)                        | ND(1.90)                        | ND(1.80)                        | ND(2.20)                         | ND(1.90)                        | ND(2.00)                        |
| Tin               |                                                      | ND(47.0)                        | ND(57.0)                        | ND(55.4)                        | ND(66.0)                         | ND(58.0)                        | ND(61.0)                        |
| Vanadium          |                                                      | 14.7                            | ND(9.40)                        | 16.0                            | ND(11.0)                         | ND(9.60)                        | ND(10.0)                        |
| Zinc              |                                                      | 234                             | 430                             | 158                             | 89.0                             | 100                             | 48.0                            |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-27-SB-5<br>2-4<br>11/22/00 | 19-9-27-SB-7<br>6-8<br>06/25/99 | 19-9-27-SB-8<br>0-1<br>09/21/99 | 19-9-27-SB-8<br>2-4<br>09/21/99 | 19-9-27-SB-9<br>2-4<br>09/21/99 | 19-9-27-SB-9<br>4-6<br>11/22/00 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Volatiles Organics</b>                            |                                 |                                 |                                 |                                 |                                 |                                 |
| 1,1,1,2-Tetrachloroethane                            | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| 1,1,1-Trichloroethane                                | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| 1,1,2,2-Tetrachloroethane                            | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| 1,1,2-Trichloroethane                                | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| 1,1-Dichloroethane                                   | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| 1,1-Dichloroethene                                   | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| 1,2,3-Trichloropropane                               | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| 1,2-Dibromo-3-chloropropane                          | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| 1,2-Dibromoethane                                    | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| 1,2-Dichloroethane                                   | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| 1,2-Dichloropropane                                  | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| 1,4-Dioxane                                          | NA                              | ND(0.30)                        | NA                              | NA                              | NA                              | NA                              |
| 2-Butanone                                           | NA                              | ND(0.20)                        | NA                              | NA                              | NA                              | NA                              |
| 2-Chloro-1,3-butadiene                               | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| 2-Chloroethylvinylether                              | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| 2-Hexanone                                           | NA                              | ND(0.020)                       | NA                              | NA                              | NA                              | NA                              |
| 3-Chloropropene                                      | NA                              | ND(0.020)                       | NA                              | NA                              | NA                              | NA                              |
| 4-Methyl-2-pentanone                                 | NA                              | ND(0.020)                       | NA                              | NA                              | NA                              | NA                              |
| Acetone                                              | NA                              | ND(0.20)                        | NA                              | NA                              | NA                              | NA                              |
| Acetonitrile                                         | NA                              | ND(0.20)                        | NA                              | NA                              | NA                              | NA                              |
| Acrolein                                             | NA                              | ND(0.20)                        | NA                              | NA                              | NA                              | NA                              |
| Acrylonitrile                                        | NA                              | ND(0.020)                       | NA                              | NA                              | NA                              | NA                              |
| Benzene                                              | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| Bromodichloromethane                                 | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| Bromoform                                            | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| Bromomethane                                         | NA                              | ND(0.020)                       | NA                              | NA                              | NA                              | NA                              |
| Carbon Disulfide                                     | NA                              | ND(0.020)                       | NA                              | NA                              | NA                              | NA                              |
| Carbon Tetrachloride                                 | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| Chlorobenzene                                        | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| Chloroethane                                         | NA                              | ND(0.020)                       | NA                              | NA                              | NA                              | NA                              |
| Chloroform                                           | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| Chloromethane                                        | NA                              | ND(0.020)                       | NA                              | NA                              | NA                              | NA                              |
| cis-1,3-Dichloropropene                              | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| Dibromochloromethane                                 | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| Dibromomethane                                       | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| Dichlorodifluoromethane                              | NA                              | ND(0.020)                       | NA                              | NA                              | NA                              | NA                              |
| Ethyl Methacrylate                                   | NA                              | ND(0.020)                       | NA                              | NA                              | NA                              | NA                              |
| Ethylbenzene                                         | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| Iodomethane                                          | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| Isobutanol                                           | NA                              | ND(0.30)                        | NA                              | NA                              | NA                              | NA                              |
| Methacrylonitrile                                    | NA                              | ND(0.020)                       | NA                              | NA                              | NA                              | NA                              |
| Methyl Methacrylate                                  | NA                              | ND(0.020)                       | NA                              | NA                              | NA                              | NA                              |
| Methylene Chloride                                   | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| Propionitrile                                        | NA                              | ND(0.080)                       | NA                              | NA                              | NA                              | NA                              |
| Styrene                                              | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| Tetrachloroethene                                    | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| Toluene                                              | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| trans-1,2-Dichloroethene                             | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| trans-1,3-Dichloropropene                            | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| trans-1,4-Dichloro-2-butene                          | NA                              | ND(0.020)                       | NA                              | NA                              | NA                              | NA                              |
| Trichloroethene                                      | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| Trichlorofluoromethane                               | NA                              | ND(0.0080)                      | NA                              | NA                              | NA                              | NA                              |
| Vinyl Acetate                                        | NA                              | ND(0.020)                       | NA                              | NA                              | NA                              | NA                              |
| Vinyl Chloride                                       | NA                              | ND(0.020)                       | NA                              | NA                              | NA                              | NA                              |
| Xylenes (total)                                      | NA                              | ND(0.020)                       | NA                              | NA                              | NA                              | NA                              |
| <b>Semivolatile Organics</b>                         |                                 |                                 |                                 |                                 |                                 |                                 |
| 1,2,4,5-Tetrachlorobenzene                           | ND(0.44)                        | ND(0.50)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.42)                        |
| 1,2,4-Trichlorobenzene                               | ND(0.44)                        | ND(0.50)                        | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.42)                        |
| 1,2-Dichlorobenzene                                  | ND(0.44)                        | ND(0.50)                        | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.42)                        |
| 1,2-Diphenylhydrazine                                | ND(0.44)                        | ND(0.50)                        | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.42)                        |
| 1,3,5-Trinitrobenzene                                | ND(0.89)                        | ND(0.70)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.86)                        |
| 1,3-Dichlorobenzene                                  | ND(0.44)                        | ND(0.50)                        | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.42)                        |
| 1,3-Dinitrobenzene                                   | ND(2.2)                         | ND(2.0)                         | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(2.2)                         |
| 1,4-Dichlorobenzene                                  | ND(0.44)                        | ND(0.50)                        | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.42)                        |
| 1,4-Naphthoquinone                                   | ND(2.2)                         | ND(2.0)                         | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(2.2)                         |
| 1-Naphthylamine                                      | ND(2.2)                         | ND(2.0)                         | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(2.2)                         |
| 2,3,4,6-Tetrachlorophenol                            | ND(0.44)                        | ND(0.50)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.42)                        |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-27-SB-5<br>2-4<br>11/22/00 | 19-9-27-SB-7<br>6-8<br>06/25/99 | 19-9-27-SB-8<br>0-1<br>09/21/99 | 19-9-27-SB-8<br>2-4<br>09/21/99 | 19-9-27-SB-9<br>2-4<br>09/21/99 | 19-9-27-SB-9<br>4-6<br>11/22/00 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                 |                                 |                                 |                                 |                                 |                                 |
| 2,4,5-Trichlorophenol                                | ND(0.44)                        | ND(0.50)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.42)                        |
| 2,4,6-Trichlorophenol                                | ND(0.44)                        | ND(0.50)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.42)                        |
| 2,4-Dichlorophenol                                   | ND(0.44)                        | ND(0.50)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.42)                        |
| 2,4-Dimethylphenol                                   | ND(0.44)                        | ND(0.50)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.42)                        |
| 2,4-Dinitrophenol                                    | ND(2.2)                         | ND(3.0)                         | ND(3.5)                         | ND(3.4)                         | ND(36)                          | ND(2.2)                         |
| 2,4-Dinitrotoluene                                   | ND(2.2)                         | ND(2.0)                         | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(2.2)                         |
| 2,6-Dichlorophenol                                   | ND(0.44)                        | ND(0.50)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.42)                        |
| 2,6-Dinitrotoluene                                   | ND(0.44)                        | ND(0.50)                        | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.42)                        |
| 2-Acetylaminofluorene                                | ND(0.89)                        | ND(0.70)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.86)                        |
| 2-Chloronaphthalene                                  | ND(0.44)                        | ND(0.50)                        | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.42)                        |
| 2-Chlorophenol                                       | ND(0.44)                        | ND(0.50)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.42)                        |
| 2-Methylnaphthalene                                  | ND(0.44)                        | ND(0.50)                        | ND(0.77)                        | ND(0.76)                        | 11                              | ND(0.42)                        |
| 2-Methylphenol                                       | ND(0.44)                        | ND(0.50)                        | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.42)                        |
| 2-Naphthylamine                                      | ND(2.2)                         | ND(2.0)                         | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(2.2)                         |
| 2-Nitroaniline                                       | ND(2.2)                         | ND(3.0)                         | ND(1.5)                         | ND(1.5)                         | ND(16)                          | ND(2.2)                         |
| 2-Nitrophenol                                        | ND(0.89)                        | ND(0.70)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.86)                        |
| 2-Picoline                                           | ND(0.44)                        | ND(0.50)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.42)                        |
| 3&4-Methylphenol                                     | ND(0.89)                        | ND(0.70)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.86)                        |
| 3,3'-Dichlorobenzidine                               | ND(2.2)                         | ND(2.0)                         | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(2.2)                         |
| 3,3'-Dimethylbenzidine                               | ND(2.2)                         | ND(2.0)                         | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(2.2)                         |
| 3-Methylcholanthrene                                 | ND(0.89)                        | ND(0.70)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.86)                        |
| 3-Nitroaniline                                       | ND(2.2)                         | ND(3.0)                         | ND(1.5)                         | ND(1.5)                         | ND(16)                          | ND(2.2)                         |
| 4,6-Dinitro-2-methylphenol                           | ND(0.44)                        | ND(3.0)                         | ND(3.8)                         | ND(3.8)                         | ND(40)                          | ND(0.42)                        |
| 4-Aminobiphenyl                                      | ND(0.89)                        | ND(0.70)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.86)                        |
| 4-Bromophenyl-phenylether                            | ND(0.44)                        | ND(0.50)                        | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.42)                        |
| 4-Chloro-3-Methylphenol                              | ND(0.44)                        | ND(0.50)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.42)                        |
| 4-Chloroaniline                                      | ND(0.89)                        | ND(0.70)                        | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.86)                        |
| 4-Chlorobenzilate                                    | ND(2.2)                         | ND(2.0)                         | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(2.2)                         |
| 4-Chlorophenyl-phenylether                           | ND(0.44)                        | ND(0.50)                        | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.42)                        |
| 4-Nitroaniline                                       | ND(2.2)                         | ND(3.0)                         | ND(3.8)                         | ND(3.8)                         | ND(40)                          | ND(2.2)                         |
| 4-Nitrophenol                                        | ND(2.2)                         | ND(3.0)                         | ND(3.8)                         | ND(3.8)                         | ND(40)                          | ND(2.2)                         |
| 4-Nitroquinoline-1-oxide                             | ND(2.2)                         | ND(2.0)                         | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(2.2)                         |
| 4-Phenylenediamine                                   | ND(2.2)                         | ND(2.0)                         | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(2.2)                         |
| 5-Nitro-o-toluidine                                  | ND(2.2)                         | ND(2.0)                         | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(2.2)                         |
| 7,12-Dimethylbenz(a)anthracene                       | ND(0.89)                        | ND(0.70)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.86)                        |
| a,a'-Dimethylphenethylamine                          | ND(2.2)                         | ND(2.0)                         | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(2.2)                         |
| Acenaphthene                                         | ND(0.44)                        | ND(0.50)                        | 0.11 J                          | ND(0.38)                        | 26                              | ND(0.42)                        |
| Acenaphthylene                                       | ND(0.44)                        | ND(0.50)                        | ND(0.38)                        | ND(0.38)                        | 1.3 J                           | ND(0.42)                        |
| Acetophenone                                         | ND(0.44)                        | ND(0.50)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.42)                        |
| Aniline                                              | ND(0.44)                        | ND(0.50)                        | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.42)                        |
| Anthracene                                           | 0.45                            | ND(0.50)                        | 0.31 J                          | ND(0.38)                        | 52                              | ND(0.42)                        |
| Aramite                                              | ND(0.89)                        | ND(0.70)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.86)                        |
| Benzidine                                            | ND(0.89)                        | ND(0.70)                        | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.86)                        |
| Benzo(a)anthracene                                   | 1.1                             | ND(0.50)                        | 1.1                             | 0.10 J                          | 47                              | ND(0.42)                        |
| Benzo(a)pyrene                                       | 0.87                            | ND(0.50)                        | 1.4                             | 0.15 J                          | 45                              | ND(0.42)                        |
| Benzo(b)fluoranthene                                 | 0.76                            | ND(0.50)                        | 1.3                             | 0.13 J                          | 36                              | ND(0.42)                        |
| Benzo(g,h,i)perylene                                 | 0.98                            | ND(0.50)                        | 0.70                            | ND(0.38)                        | 15                              | ND(0.42)                        |
| Benzo(k)fluoranthene                                 | 0.75                            | ND(0.50)                        | 1.5                             | 0.15 J                          | 35                              | ND(0.42)                        |
| Benzoic Acid                                         | NA                              | NA                              | NA                              | NA                              | NA                              | NA                              |
| Benzyl Alcohol                                       | ND(0.89)                        | ND(0.70)                        | ND(1.5)                         | ND(1.5)                         | ND(16)                          | ND(0.86)                        |
| bis(2-Chloroethoxy)methane                           | ND(0.44)                        | ND(0.50)                        | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.42)                        |
| bis(2-Chloroethyl)ether                              | ND(0.44)                        | ND(0.50)                        | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.42)                        |
| bis(2-Chloroisopropyl)ether                          | ND(0.44)                        | ND(0.50)                        | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.42)                        |
| bis(2-Ethylhexyl)phthalate                           | ND(0.44)                        | ND(0.50)                        | 0.16 J                          | 0.084 J                         | ND(4.0)                         | ND(0.42)                        |
| Butylbenzylphthalate                                 | ND(0.89)                        | ND(0.70)                        | 0.13 J                          | ND(0.38)                        | ND(4.0)                         | ND(0.86)                        |
| Chrysene                                             | 1.1                             | ND(0.50)                        | 1.4                             | 0.13 J                          | 44                              | ND(0.42)                        |
| Diallate                                             | ND(0.89)                        | ND(0.70)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.86)                        |
| Dibenzo(a,h)anthracene                               | ND(0.89)                        | ND(0.70)                        | 0.33 J                          | ND(0.38)                        | 7.7                             | ND(0.86)                        |
| Dibenzofuran                                         | ND(0.44)                        | ND(0.50)                        | ND(0.78)                        | ND(0.77)                        | 21                              | ND(0.42)                        |
| Diethylphthalate                                     | ND(0.44)                        | ND(0.50)                        | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.42)                        |
| Dimethylphthalate                                    | ND(0.44)                        | ND(0.50)                        | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.42)                        |
| Di-n-Butylphthalate                                  | ND(0.44)                        | ND(0.50)                        | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.42)                        |
| Di-n-Octylphthalate                                  | ND(0.44)                        | ND(0.50)                        | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.42)                        |
| Dinoseb                                              | NA                              | NA                              | NA                              | NA                              | NA                              | NA                              |
| Diphenylamine                                        | ND(0.44)                        | ND(0.50)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.42)                        |
| Ethyl Methacrylate                                   | NA                              | NA                              | NA                              | NA                              | NA                              | NA                              |
| Ethyl Methanesulfonate                               | ND(0.44)                        | ND(0.50)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.42)                        |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-27-SB-5<br>2-4<br>11/22/00 | 19-9-27-SB-7<br>6-8<br>06/25/99 | 19-9-27-SB-8<br>0-1<br>09/21/99 | 19-9-27-SB-8<br>2-4<br>09/21/99 | 19-9-27-SB-9<br>2-4<br>09/21/99 | 19-9-27-SB-9<br>4-6<br>11/22/00 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                 |                                 |                                 |                                 |                                 |                                 |
| Fluoranthene                                         | 2.2                             | ND(0.50)                        | 3.1                             | 0.20 J                          | 96                              | 0.43                            |
| Fluorene                                             | ND(0.44)                        | ND(0.50)                        | 0.14 J                          | ND(0.38)                        | 32                              | ND(0.42)                        |
| Hexachlorobenzene                                    | ND(0.44)                        | ND(0.50)                        | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.42)                        |
| Hexachlorobutadiene                                  | ND(0.89)                        | ND(3.0)                         | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.86)                        |
| Hexachlorocyclopentadiene                            | ND(0.44)                        | ND(0.50)                        | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.42)                        |
| Hexachloroethane                                     | ND(0.44)                        | ND(0.50)                        | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.42)                        |
| Hexachlorophene                                      | ND(0.89)                        | ND(0.70)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.86)                        |
| Hexachloropropene                                    | ND(0.44)                        | ND(0.50)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.42)                        |
| Indeno(1,2,3-cd)pyrene                               | 1.6                             | ND(0.70)                        | 0.76                            | 0.079 J                         | 17                              | ND(0.86)                        |
| Isodrin                                              | ND(0.44)                        | ND(0.50)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.42)                        |
| Isophorone                                           | ND(0.44)                        | ND(0.50)                        | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.42)                        |
| Isosafrole                                           | ND(0.89)                        | ND(0.70)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.86)                        |
| Methapyrilene                                        | ND(2.2)                         | ND(2.0)                         | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(2.2)                         |
| Methyl Methanesulfonate                              | ND(0.44)                        | ND(0.50)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.42)                        |
| Naphthalene                                          | ND(0.44)                        | ND(0.50)                        | ND(0.38)                        | ND(0.38)                        | 19                              | ND(0.42)                        |
| Nitrobenzene                                         | ND(0.44)                        | ND(0.50)                        | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.42)                        |
| N-Nitrosodiethylamine                                | ND(0.44)                        | ND(0.50)                        | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.42)                        |
| N-Nitrosodimethylamine                               | ND(0.89)                        | ND(0.70)                        | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.86)                        |
| N-Nitroso-di-n-butylamine                            | ND(0.89)                        | ND(0.70)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.86)                        |
| N-Nitroso-di-n-propylamine                           | ND(0.89)                        | ND(3.0)                         | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.86)                        |
| N-Nitrosodiphenylamine                               | ND(0.44)                        | ND(0.50)                        | ND(0.38)                        | ND(0.38)                        | ND(4.0)                         | ND(0.42)                        |
| N-Nitrosomethylethylamine                            | ND(0.89)                        | ND(0.70)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.86)                        |
| N-Nitrosomorpholine                                  | ND(0.44)                        | ND(0.50)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.42)                        |
| N-Nitrosopiperidine                                  | ND(0.44)                        | ND(0.50)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.42)                        |
| N-Nitrosopyrrolidine                                 | ND(0.89)                        | ND(0.70)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.86)                        |
| o,o,o-Triethylphosphorothioate                       | ND(0.44)                        | ND(0.50)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.42)                        |
| o-Tolidine                                           | ND(0.44)                        | ND(0.50)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.42)                        |
| p-Dimethylaminoazobenzene                            | ND(2.2)                         | ND(2.0)                         | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(2.2)                         |
| Pentachlorobenzene                                   | ND(0.44)                        | ND(0.50)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.42)                        |
| Pentachloroethane                                    | ND(0.44)                        | ND(0.50)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.42)                        |
| Pentachloronitrobenzene                              | ND(2.2)                         | ND(2.0)                         | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(2.2)                         |
| Pentachlorophenol                                    | ND(2.2)                         | ND(3.0)                         | ND(3.8)                         | ND(3.8)                         | ND(40)                          | ND(2.2)                         |
| Phenacetin                                           | ND(2.2)                         | ND(2.0)                         | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(2.2)                         |
| Phenanthrene                                         | 2.1                             | ND(0.50)                        | 2.0                             | 0.084 J                         | 160                             | ND(0.42)                        |
| Phenol                                               | ND(0.44)                        | ND(0.50)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.42)                        |
| Pronamide                                            | ND(0.44)                        | ND(0.50)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.42)                        |
| Pyrene                                               | 1.8                             | ND(0.50)                        | 2.4                             | 0.17 J                          | 84                              | 0.45                            |
| Pyridine                                             | ND(0.44)                        | ND(0.50)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.42)                        |
| Safrole                                              | ND(0.44)                        | ND(0.50)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.42)                        |
| Sulfotep                                             | NA                              | NA                              | NA                              | NA                              | NA                              | NA                              |
| Thionazin                                            | ND(0.44)                        | ND(0.50)                        | ND(0.78)                        | ND(0.77)                        | ND(8.2)                         | ND(0.42)                        |
| <b>Furans</b>                                        |                                 |                                 |                                 |                                 |                                 |                                 |
| 2,3,7,8-TCDF                                         | NA                              | 0.000027                        | 0.000034                        | 0.000046                        | 0.000011                        | NA                              |
| TCDFs (total)                                        | NA                              | 0.000084                        | 0.00020                         | 0.000024                        | 0.000080                        | NA                              |
| 1,2,3,7,8-PeCDF                                      | NA                              | 0.000060                        | 0.000089 J                      | ND(0.0000062)                   | 0.000060 J                      | NA                              |
| 2,3,4,7,8-PeCDF                                      | NA                              | 0.000070                        | 0.000086 J                      | 0.000012 J                      | ND(0.000013)                    | NA                              |
| PeCDFs (total)                                       | NA                              | 0.000043                        | 0.00010                         | 0.000063 J                      | 0.000029                        | NA                              |
| 1,2,3,4,7,8-HxCDF                                    | NA                              | 0.000013                        | 0.000013                        | 0.000031 J                      | ND(0.000042)                    | NA                              |
| 1,2,3,6,7,8-HxCDF                                    | NA                              | 0.000048                        | 0.000058 J                      | ND(0.0000098)                   | ND(0.000043)                    | NA                              |
| 1,2,3,7,8,9-HxCDF                                    | NA                              | ND(0.0000024)                   | ND(0.000011)                    | ND(0.0000093)                   | ND(0.000041)                    | NA                              |
| 2,3,4,6,7,8-HxCDF                                    | NA                              | 0.000039                        | 0.000070 J                      | 0.000015 J                      | ND(0.000045)                    | NA                              |
| HxCDFs (total)                                       | NA                              | 0.000033                        | 0.000079                        | 0.000085 J                      | ND(0.000045)                    | NA                              |
| 1,2,3,4,6,7,8-HpCDF                                  | NA                              | 0.000012                        | 0.000026                        | 0.000037 J                      | 0.000019                        | NA                              |
| 1,2,3,4,7,8,9-HpCDF                                  | NA                              | 0.000030 J                      | ND(0.000014)                    | ND(0.000011)                    | ND(0.000069)                    | NA                              |
| HpCDFs (total)                                       | NA                              | 0.000023                        | 0.000047                        | 0.000037 J                      | 0.000019                        | NA                              |
| OCDF                                                 | NA                              | 0.000018                        | 0.000028                        | 0.000036 J                      | ND(0.000027)                    | NA                              |
| <b>Dioxins</b>                                       |                                 |                                 |                                 |                                 |                                 |                                 |
| 2,3,7,8-TCDD                                         | NA                              | ND(0.0000037)                   | ND(0.000011)                    | ND(0.0000078)                   | ND(0.000030)                    | NA                              |
| TCDDs (total)                                        | NA                              | ND(0.0000037)                   | ND(0.000011)                    | ND(0.0000078)                   | ND(0.000030)                    | NA                              |
| 1,2,3,7,8-PeCDD                                      | NA                              | ND(0.000011)                    | ND(0.000012)                    | ND(0.0000071)                   | ND(0.000027)                    | NA                              |
| PeCDDs (total)                                       | NA                              | ND(0.000011)                    | ND(0.000012)                    | ND(0.0000071)                   | ND(0.000027)                    | NA                              |
| 1,2,3,4,7,8-HxCDD                                    | NA                              | ND(0.0000052)                   | ND(0.000011)                    | ND(0.000012)                    | ND(0.000051)                    | NA                              |
| 1,2,3,6,7,8-HxCDD                                    | NA                              | 0.000012 J                      | ND(0.000013)                    | ND(0.000014)                    | ND(0.000063)                    | NA                              |
| 1,2,3,7,8,9-HxCDD                                    | NA                              | ND(0.0000076)                   | ND(0.000012)                    | ND(0.000013)                    | ND(0.000057)                    | NA                              |
| HxCDDs (total)                                       | NA                              | 0.000012                        | ND(0.000013)                    | ND(0.000014)                    | ND(0.000063)                    | NA                              |
| 1,2,3,4,6,7,8-HpCDD                                  | NA                              | 0.000010                        | 0.000037                        | ND(0.000015)                    | ND(0.000014)                    | NA                              |
| HpCDDs (total)                                       | NA                              | 0.000017                        | 0.000059                        | 0.000024 J                      | ND(0.000014)                    | NA                              |
| OCDD                                                 | NA                              | 0.000013                        | 0.000020                        | 0.000014 J                      | 0.000050                        | NA                              |
| Total TEQs (WHO TEFs)                                | NA                              | 0.000099                        | 0.000013                        | 0.000026                        | 0.000066                        | NA                              |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Parameter         | Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-27-SB-5<br>2-4<br>11/22/00 | 19-9-27-SB-7<br>6-8<br>06/25/99 | 19-9-27-SB-8<br>0-1<br>09/21/99 | 19-9-27-SB-8<br>2-4<br>09/21/99 | 19-9-27-SB-9<br>2-4<br>09/21/99 | 19-9-27-SB-9<br>4-6<br>11/22/00 |
|-------------------|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Inorganics</b> |                                                      |                                 |                                 |                                 |                                 |                                 |                                 |
| Aluminum          |                                                      | NA                              | NA                              | NA                              | NA                              | NA                              | NA                              |
| Antimony          |                                                      | ND(12.0)                        | ND(14.7)                        | ND(7.80)                        | ND(7.68)                        | ND(8.45)                        | ND(12.0)                        |
| Arsenic           |                                                      | ND(20.0)                        | ND(24.6)                        | 11.5                            | 10.2                            | 14.1                            | ND(19.0)                        |
| Barium            |                                                      | 190                             | 153                             | 56.7                            | 59.0                            | 99.1                            | 57.0                            |
| Beryllium         |                                                      | 0.280                           | 1.90                            | ND(0.651)                       | ND(0.643)                       | ND(0.706)                       | 0.270                           |
| Cadmium           |                                                      | ND(2.00)                        | ND(2.40)                        | ND(0.651)                       | ND(0.643)                       | ND(0.706)                       | ND(1.90)                        |
| Calcium           |                                                      | NA                              | NA                              | NA                              | NA                              | NA                              | NA                              |
| Chromium          |                                                      | 15.0                            | 24.1                            | 9.77                            | 10.8                            | 11.1                            | 7.60                            |
| Cobalt            |                                                      | ND(9.90)                        | ND(12.3)                        | 9.88                            | 8.96                            | ND(7.04)                        | ND(9.70)                        |
| Copper            |                                                      | 40.0                            | 26.0                            | 26.6                            | 40.3                            | 84.4                            | 35.0                            |
| Cyanide           |                                                      | NA                              | ND(0.0330)                      | NA                              | NA                              | NA                              | NA                              |
| Iron              |                                                      | NA                              | NA                              | NA                              | NA                              | NA                              | NA                              |
| Lead              |                                                      | 340                             | 13.2                            | 97.4                            | 155                             | 232                             | 100                             |
| Magnesium         |                                                      | NA                              | NA                              | NA                              | NA                              | NA                              | NA                              |
| Manganese         |                                                      | NA                              | NA                              | NA                              | NA                              | NA                              | NA                              |
| Mercury           |                                                      | 0.410                           | 2.40                            | 0.131                           | 0.333                           | 674                             | 4.00                            |
| Nickel            |                                                      | 14.0                            | 24.4                            | 19.7                            | 17.8                            | 16.7                            | 14.0                            |
| Potassium         |                                                      | NA                              | NA                              | NA                              | NA                              | NA                              | NA                              |
| Selenium          |                                                      | ND(0.990)                       | ND(1.20)                        | ND(0.651)                       | ND(0.643)                       | ND(0.706)                       | ND(0.970)                       |
| Silver            |                                                      | ND(0.990)                       | ND(1.20)                        | ND(1.30)                        | ND(1.21)                        | ND(1.41)                        | ND(0.970)                       |
| Sodium            |                                                      | NA                              | NA                              | NA                              | NA                              | NA                              | NA                              |
| Sulfide           |                                                      | NA                              | 328                             | NA                              | NA                              | NA                              | NA                              |
| Thallium          |                                                      | ND(2.00)                        | ND(2.40)                        | ND(6.50)                        | ND(6.39)                        | ND(7.04)                        | ND(1.90)                        |
| Tin               |                                                      | ND(60.0)                        | ND(73.7)                        | ND(65.0)                        | ND(64.0)                        | ND(70.5)                        | ND(58.0)                        |
| Vanadium          |                                                      | 10.0                            | 34.4                            | 14.9                            | 13.0                            | 17.8                            | 9.70                            |
| Zinc              |                                                      | 280                             | 66.6                            | 105                             | 142                             | 235                             | 69.0                            |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-27-SB-10<br>0-1<br>09/21/99 | 19-9-27-SB-10<br>2-4<br>09/21/99 | 19-9-27-SB-10<br>8-10<br>11/28/00 | 19-9-27-SB-11<br>2-4<br>11/22/00 | 19-9-27-SS-2<br>0-1<br>06/24/99 |
|------------------------------------------------------|----------------------------------|----------------------------------|-----------------------------------|----------------------------------|---------------------------------|
| <b>Volatile Organics</b>                             |                                  |                                  |                                   |                                  |                                 |
| 1,1,1,2-Tetrachloroethane                            | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| 1,1,1-Trichloroethane                                | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| 1,1,2,2-Tetrachloroethane                            | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| 1,1,2-Trichloroethane                                | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| 1,1-Dichloroethane                                   | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| 1,1-Dichloroethene                                   | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| 1,2,3-Trichloropropane                               | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| 1,2-Dibromo-3-chloropropane                          | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| 1,2-Dibromoethane                                    | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| 1,2-Dichloroethane                                   | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| 1,2-Dichloropropane                                  | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| 1,4-Dioxane                                          | NA                               | NA                               | ND(0.20)                          | NA                               | ND(0.20)                        |
| 2-Butanone                                           | NA                               | NA                               | ND(0.10)                          | NA                               | ND(0.10)                        |
| 2-Chloro-1,3-butadiene                               | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| 2-Chloroethylvinylether                              | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| 2-Hexanone                                           | NA                               | NA                               | ND(0.014)                         | NA                               | ND(0.010)                       |
| 3-Chloropropene                                      | NA                               | NA                               | ND(0.014)                         | NA                               | ND(0.010)                       |
| 4-Methyl-2-pentanone                                 | NA                               | NA                               | ND(0.014)                         | NA                               | ND(0.010)                       |
| Acetone                                              | NA                               | NA                               | ND(0.10)                          | NA                               | ND(0.10)                        |
| Acetonitrile                                         | NA                               | NA                               | ND(0.14)                          | NA                               | ND(0.10)                        |
| Acrolein                                             | NA                               | NA                               | ND(0.14)                          | NA                               | ND(0.10)                        |
| Acrylonitrile                                        | NA                               | NA                               | ND(0.014)                         | NA                               | ND(0.010)                       |
| Benzene                                              | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| Bromodichloromethane                                 | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| Bromoform                                            | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| Bromomethane                                         | NA                               | NA                               | ND(0.014)                         | NA                               | ND(0.010)                       |
| Carbon Disulfide                                     | NA                               | NA                               | ND(0.010)                         | NA                               | ND(0.010)                       |
| Carbon Tetrachloride                                 | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| Chlorobenzene                                        | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| Chloroethane                                         | NA                               | NA                               | ND(0.014)                         | NA                               | ND(0.010)                       |
| Chloroform                                           | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| Chloromethane                                        | NA                               | NA                               | ND(0.014)                         | NA                               | ND(0.010)                       |
| cis-1,3-Dichloropropene                              | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| Dibromochloromethane                                 | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| Dibromomethane                                       | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| Dichlorodifluoromethane                              | NA                               | NA                               | ND(0.014)                         | NA                               | ND(0.010)                       |
| Ethyl Methacrylate                                   | NA                               | NA                               | ND(0.014)                         | NA                               | ND(0.010)                       |
| Ethylbenzene                                         | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| Iodomethane                                          | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| Isobutanol                                           | NA                               | NA                               | ND(0.29)                          | NA                               | ND(0.20)                        |
| Methacrylonitrile                                    | NA                               | NA                               | ND(0.014)                         | NA                               | ND(0.010)                       |
| Methyl Methacrylate                                  | NA                               | NA                               | ND(0.014)                         | NA                               | ND(0.010)                       |
| Methylene Chloride                                   | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| Propionitrile                                        | NA                               | NA                               | ND(0.073)                         | NA                               | ND(0.050)                       |
| Styrene                                              | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| Tetrachloroethene                                    | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| Toluene                                              | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| trans-1,2-Dichloroethene                             | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| trans-1,3-Dichloropropene                            | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| trans-1,4-Dichloro-2-butene                          | NA                               | NA                               | ND(0.014)                         | NA                               | ND(0.010)                       |
| Trichloroethene                                      | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| Trichlorofluoromethane                               | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.0050)                      |
| Vinyl Acetate                                        | NA                               | NA                               | ND(0.014)                         | NA                               | ND(0.010)                       |
| Vinyl Chloride                                       | NA                               | NA                               | ND(0.014)                         | NA                               | ND(0.010)                       |
| Xylenes (total)                                      | NA                               | NA                               | ND(0.0073)                        | NA                               | ND(0.010)                       |
| <b>Semivolatile Organics</b>                         |                                  |                                  |                                   |                                  |                                 |
| 1,2,4,5-Tetrachlorobenzene                           | ND(0.87)                         | ND(8.7)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| 1,2,4-Trichlorobenzene                               | ND(0.43)                         | ND(4.3)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| 1,2-Dichlorobenzene                                  | ND(0.43)                         | ND(4.3)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| 1,2-Diphenylhydrazine                                | ND(0.43)                         | ND(4.3)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| 1,3,5-Trinitrobenzene                                | ND(0.87)                         | ND(8.7)                          | ND(0.98)                          | ND(0.90)                         | ND(0.70)                        |
| 1,3-Dichlorobenzene                                  | ND(0.43)                         | ND(4.3)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| 1,3-Dinitrobenzene                                   | ND(0.87)                         | ND(8.7)                          | ND(2.5)                           | ND(2.3)                          | ND(2.0)                         |
| 1,4-Dichlorobenzene                                  | ND(0.43)                         | ND(4.3)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| 1,4-Naphthoquinone                                   | ND(0.87)                         | ND(8.7)                          | ND(2.5)                           | ND(2.3)                          | ND(2.0)                         |
| 1-Naphthylamine                                      | ND(0.87)                         | ND(8.7)                          | ND(2.5)                           | ND(2.3)                          | ND(2.0)                         |
| 2,3,4,6-Tetrachlorophenol                            | ND(0.87)                         | ND(8.7)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-27-SB-10<br>0-1<br>09/21/99 | 19-9-27-SB-10<br>2-4<br>09/21/99 | 19-9-27-SB-10<br>8-10<br>11/28/00 | 19-9-27-SB-11<br>2-4<br>11/22/00 | 19-9-27-SS-2<br>0-1<br>06/24/99 |
|------------------------------------------------------|----------------------------------|----------------------------------|-----------------------------------|----------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                  |                                  |                                   |                                  |                                 |
| 2,4,5-Trichlorophenol                                | ND(0.87)                         | ND(8.7)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| 2,4,6-Trichlorophenol                                | ND(0.87)                         | ND(8.7)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| 2,4-Dichlorophenol                                   | ND(0.87)                         | ND(8.7)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| 2,4-Dimethylphenol                                   | ND(0.87)                         | 1.4 J                            | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| 2,4-Dinitrophenol                                    | ND(3.9)                          | ND(39)                           | ND(2.5)                           | ND(2.3)                          | ND(2.0)                         |
| 2,4-Dinitrotoluene                                   | ND(0.43)                         | ND(4.3)                          | ND(2.5)                           | ND(2.3)                          | ND(2.0)                         |
| 2,6-Dichlorophenol                                   | ND(0.87)                         | ND(8.7)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| 2,6-Dinitrotoluene                                   | ND(0.43)                         | ND(4.3)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| 2-Acetylaminofluorene                                | ND(0.87)                         | ND(8.7)                          | ND(0.98)                          | ND(0.90)                         | ND(0.70)                        |
| 2-Chloronaphthalene                                  | ND(0.43)                         | ND(4.3)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| 2-Chlorophenol                                       | ND(0.87)                         | ND(8.7)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| 2-Methylnaphthalene                                  | ND(0.85)                         | 21                               | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| 2-Methylphenol                                       | ND(0.43)                         | 1.2 J                            | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| 2-Naphthylamine                                      | ND(0.87)                         | ND(8.7)                          | ND(2.5)                           | ND(2.3)                          | ND(2.0)                         |
| 2-Nitroaniline                                       | ND(1.7)                          | ND(17)                           | ND(2.5)                           | ND(2.3)                          | ND(2.0)                         |
| 2-Nitrophenol                                        | ND(0.87)                         | ND(8.7)                          | ND(0.98)                          | ND(0.90)                         | ND(0.70)                        |
| 2-Picoline                                           | ND(0.87)                         | ND(8.7)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| 3&4-Methylphenol                                     | ND(0.87)                         | 3.8 J                            | ND(0.98)                          | ND(0.90)                         | ND(0.70)                        |
| 3,3'-Dichlorobenzidine                               | ND(0.43)                         | ND(4.3)                          | ND(2.5)                           | ND(2.3)                          | ND(2.0)                         |
| 3,3'-Dimethylbenzidine                               | ND(0.43)                         | ND(4.3)                          | ND(2.5)                           | ND(2.3)                          | ND(2.0)                         |
| 3-Methylcholanthrene                                 | ND(0.87)                         | ND(8.7)                          | ND(0.98)                          | ND(0.90)                         | ND(0.70)                        |
| 3-Nitroaniline                                       | ND(1.7)                          | ND(17)                           | ND(2.5)                           | ND(2.3)                          | ND(2.0)                         |
| 4,6-Dinitro-2-methylphenol                           | ND(4.3)                          | ND(43)                           | ND(0.48)                          | ND(0.44)                         | ND(2.0)                         |
| 4-Aminobiphenyl                                      | ND(0.87)                         | ND(8.7)                          | ND(0.98)                          | ND(0.90)                         | ND(0.70)                        |
| 4-Bromophenyl-phenylether                            | ND(0.43)                         | ND(4.3)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| 4-Chloro-3-Methylphenol                              | ND(0.87)                         | ND(8.7)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| 4-Chloroaniline                                      | ND(0.43)                         | ND(4.3)                          | ND(0.98)                          | ND(0.90)                         | ND(0.70)                        |
| 4-Chlorobenzilate                                    | ND(0.87)                         | ND(8.7)                          | ND(2.5)                           | ND(2.3)                          | ND(2.0)                         |
| 4-Chlorophenyl-phenylether                           | ND(0.43)                         | ND(4.3)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| 4-Nitroaniline                                       | ND(4.3)                          | ND(43)                           | ND(2.5)                           | ND(2.3)                          | ND(2.0)                         |
| 4-Nitrophenol                                        | ND(4.3)                          | ND(43)                           | ND(2.5)                           | ND(2.3)                          | ND(2.0)                         |
| 4-Nitroquinoline-1-oxide                             | ND(0.87)                         | ND(8.7)                          | ND(2.5)                           | ND(2.3)                          | ND(2.0)                         |
| 4-Phenylenediamine                                   | ND(0.87)                         | ND(8.7)                          | ND(2.5)                           | ND(2.3)                          | ND(2.0)                         |
| 5-Nitro-o-toluidine                                  | ND(0.87)                         | ND(8.7)                          | ND(2.5)                           | ND(2.3)                          | ND(2.0)                         |
| 7,12-Dimethylbenz(a)anthracene                       | ND(0.87)                         | ND(8.7)                          | ND(0.98)                          | ND(0.90)                         | ND(0.70)                        |
| a,a'-Dimethylphenethylamine                          | ND(0.87)                         | ND(8.7)                          | ND(2.5)                           | ND(2.3)                          | ND(2.0)                         |
| Acenaphthene                                         | 0.17 J                           | 38                               | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| Acenaphthylene                                       | 0.11 J                           | 4.6                              | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| Acetophenone                                         | ND(0.87)                         | ND(8.7)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| Aniline                                              | ND(0.43)                         | ND(4.3)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| Anthracene                                           | 0.47                             | 83                               | ND(0.48)                          | 0.65                             | ND(0.40)                        |
| Aramite                                              | ND(0.87)                         | ND(8.7)                          | ND(0.98)                          | ND(0.90)                         | ND(0.70)                        |
| Benzidine                                            | ND(0.43)                         | ND(4.3)                          | ND(0.98)                          | ND(0.90)                         | ND(0.70)                        |
| Benzo(a)anthracene                                   | 1.0                              | 85                               | ND(0.48)                          | 1.9                              | ND(0.40)                        |
| Benzo(a)pyrene                                       | 1.2                              | 85                               | ND(0.48)                          | 1.7                              | ND(0.40)                        |
| Benzo(b)fluoranthene                                 | 1.0                              | 75                               | ND(0.48)                          | 1.4                              | ND(0.40)                        |
| Benzo(g,h,i)perylene                                 | 0.52                             | 33                               | ND(0.48)                          | 1.4                              | ND(0.40)                        |
| Benzo(k)fluoranthene                                 | 1.3                              | 55                               | ND(0.48)                          | 1.3                              | ND(0.40)                        |
| Benzoic Acid                                         | NA                               | NA                               | NA                                | NA                               | NA                              |
| Benzyl Alcohol                                       | ND(1.7)                          | ND(17)                           | ND(0.98)                          | ND(0.90)                         | ND(0.70)                        |
| bis(2-Chloroethoxy)methane                           | ND(0.43)                         | ND(4.3)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| bis(2-Chloroethyl)ether                              | ND(0.43)                         | ND(4.3)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| bis(2-Chloroisopropyl)ether                          | ND(0.43)                         | ND(4.3)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| bis(2-Ethylhexyl)phthalate                           | 0.14 J                           | ND(4.3)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| Butylbenzylphthalate                                 | 0.18 J                           | ND(4.3)                          | ND(0.98)                          | ND(0.90)                         | ND(0.70)                        |
| Chrysene                                             | 1.2                              | 79                               | ND(0.48)                          | 1.9                              | ND(0.40)                        |
| Diallate                                             | ND(0.87)                         | ND(8.7)                          | ND(0.98)                          | ND(0.90)                         | ND(0.70)                        |
| Dibenzo(a,h)anthracene                               | 0.22 J                           | 17                               | ND(0.98)                          | ND(0.90)                         | ND(0.70)                        |
| Dibenzofuran                                         | 0.11 J                           | 30                               | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| Diethylphthalate                                     | ND(0.43)                         | ND(4.3)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| Dimethylphthalate                                    | ND(0.43)                         | ND(4.3)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| Di-n-Butylphthalate                                  | 0.10 J                           | ND(4.3)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| Di-n-Octylphthalate                                  | ND(0.43)                         | ND(4.3)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| Dinoseb                                              | NA                               | NA                               | NA                                | NA                               | NA                              |
| Diphenylamine                                        | ND(0.87)                         | ND(8.7)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| Ethyl Methacrylate                                   | NA                               | NA                               | NA                                | NA                               | NA                              |
| Ethyl Methanesulfonate                               | ND(0.87)                         | ND(8.7)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-27-SB-10<br>0-1<br>09/21/99 | 19-9-27-SB-10<br>2-4<br>09/21/99 | 19-9-27-SB-10<br>8-10<br>11/28/00 | 19-9-27-SB-11<br>2-4<br>11/22/00 | 19-9-27-SS-2<br>0-1<br>06/24/99 |
|------------------------------------------------------|----------------------------------|----------------------------------|-----------------------------------|----------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                  |                                  |                                   |                                  |                                 |
| Fluoranthene                                         | 2.5                              | 230                              | ND(0.48)                          | 3.8                              | 0.50                            |
| Fluorene                                             | 0.21 J                           | 53                               | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| Hexachlorobenzene                                    | ND(0.43)                         | ND(4.3)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| Hexachlorobutadiene                                  | ND(0.43)                         | ND(4.3)                          | ND(0.98)                          | ND(0.90)                         | ND(2.0)                         |
| Hexachlorocyclopentadiene                            | ND(0.43)                         | ND(4.3)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| Hexachloroethane                                     | ND(0.43)                         | ND(4.3)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| Hexachlorophene                                      | ND(0.87)                         | ND(8.7)                          | ND(0.98)                          | ND(0.90)                         | ND(0.70)                        |
| Hexachloropropene                                    | ND(0.87)                         | ND(8.7)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| Indeno(1,2,3-cd)pyrene                               | 0.56                             | 34                               | ND(0.98)                          | 2.4                              | ND(0.70)                        |
| Isodrin                                              | ND(0.87)                         | ND(8.7)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| Isophorone                                           | ND(0.43)                         | ND(4.3)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| Isosafrole                                           | ND(0.87)                         | ND(8.7)                          | ND(0.98)                          | ND(0.90)                         | ND(0.70)                        |
| Methapyrilene                                        | ND(0.87)                         | ND(8.7)                          | ND(2.5)                           | ND(2.3)                          | ND(2.0)                         |
| Methyl Methanesulfonate                              | ND(0.87)                         | ND(8.7)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| Naphthalene                                          | 0.11 J                           | 62                               | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| Nitrobenzene                                         | ND(0.43)                         | ND(4.3)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| N-Nitrosodiethylamine                                | ND(0.43)                         | ND(4.3)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| N-Nitrosodimethylamine                               | ND(0.43)                         | ND(4.3)                          | ND(0.98)                          | ND(0.90)                         | ND(0.70)                        |
| N-Nitroso-di-n-butylamine                            | ND(0.87)                         | ND(8.7)                          | ND(0.98)                          | ND(0.90)                         | ND(0.70)                        |
| N-Nitroso-di-n-propylamine                           | ND(0.43)                         | ND(4.3)                          | ND(0.98)                          | ND(0.90)                         | ND(2.0)                         |
| N-Nitrosodiphenylamine                               | ND(0.43)                         | ND(4.3)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| N-Nitrosomethylethylamine                            | ND(0.87)                         | ND(8.7)                          | ND(0.98)                          | ND(0.90)                         | ND(0.70)                        |
| N-Nitrosomorpholine                                  | ND(0.87)                         | ND(8.7)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| N-Nitrosopiperidine                                  | ND(0.87)                         | ND(8.7)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| N-Nitrosopyrrolidine                                 | ND(0.87)                         | ND(8.7)                          | ND(0.98)                          | ND(0.90)                         | ND(0.70)                        |
| o,o,o-Triethylphosphorothioate                       | ND(0.87)                         | ND(8.7)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| o-Toluidine                                          | ND(0.87)                         | ND(8.7)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| p-Dimethylaminoazobenzene                            | ND(0.87)                         | ND(8.7)                          | ND(2.5)                           | ND(2.3)                          | ND(2.0)                         |
| Pentachlorobenzene                                   | ND(0.87)                         | ND(8.7)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| Pentachloroethane                                    | ND(0.87)                         | ND(8.7)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| Pentachloronitrobenzene                              | ND(0.87)                         | ND(8.7)                          | ND(2.5)                           | ND(2.3)                          | ND(2.0)                         |
| Pentachlorophenol                                    | ND(4.3)                          | ND(43)                           | ND(2.5)                           | ND(2.3)                          | ND(2.0)                         |
| Phenacetin                                           | ND(0.87)                         | ND(8.7)                          | ND(2.5)                           | ND(2.3)                          | ND(2.0)                         |
| Phenanthrene                                         | 1.8                              | 330                              | ND(0.48)                          | 2.9                              | ND(0.40)                        |
| Phenol                                               | ND(0.87)                         | ND(8.7)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| Pronamide                                            | ND(0.87)                         | ND(8.7)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| Pyrene                                               | 2.1                              | 210                              | ND(0.48)                          | 3.3                              | 0.40                            |
| Pyridine                                             | ND(0.87)                         | ND(8.7)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| Safrole                                              | ND(0.87)                         | ND(8.7)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| Sulfotep                                             | NA                               | NA                               | NA                                | NA                               | NA                              |
| Thionazin                                            | ND(0.87)                         | ND(8.7)                          | ND(0.48)                          | ND(0.44)                         | ND(0.40)                        |
| <b>Furans</b>                                        |                                  |                                  |                                   |                                  |                                 |
| 2,3,7,8-TCDF                                         | 0.000072                         | 0.000014                         | ND(0.00000016)                    | NA                               | 0.000034                        |
| TCDFs (total)                                        | 0.00045                          | 0.000023                         | ND(0.00000016)                    | NA                               | 0.0010                          |
| 1,2,3,7,8-PeCDF                                      | 0.000023                         | 0.000067 J                       | ND(0.00000012)                    | NA                               | 0.000093                        |
| 2,3,4,7,8-PeCDF                                      | 0.000022                         | ND(0.0000030)                    | ND(0.00000012)                    | NA                               | 0.000050                        |
| PeCDFs (total)                                       | 0.00032                          | 0.000035                         | ND(0.00000012)                    | NA                               | 0.0023                          |
| 1,2,3,4,7,8-HxCDF                                    | 0.000036                         | ND(0.0000079)                    | ND(0.00000011)                    | NA                               | 0.000040                        |
| 1,2,3,6,7,8-HxCDF                                    | 0.000017                         | ND(0.0000083)                    | ND(0.00000011)                    | NA                               | 0.00019                         |
| 1,2,3,7,8,9-HxCDF                                    | ND(0.0000064)                    | ND(0.0000078)                    | ND(0.00000014)                    | NA                               | 0.000026 J                      |
| 2,3,4,6,7,8-HxCDF                                    | 0.000018                         | ND(0.0000086)                    | ND(0.00000011)                    | NA                               | 0.000092                        |
| HxCDFs (total)                                       | 0.00026                          | 0.000072                         | ND(0.00000011)                    | NA                               | 0.00047                         |
| 1,2,3,4,6,7,8-HpCDF                                  | 0.00010                          | ND(0.000017)                     | ND(0.00000042)                    | NA                               | 0.000066                        |
| 1,2,3,4,7,8,9-HpCDF                                  | 0.000073 J                       | ND(0.000018)                     | ND(0.00000058)                    | NA                               | 0.000065                        |
| HpCDFs (total)                                       | 0.00021                          | ND(0.000018)                     | ND(0.00000042)                    | NA                               | 0.00015                         |
| OCDF                                                 | 0.00016                          | ND(0.0000054)                    | ND(0.00000015)                    | NA                               | 0.00015                         |
| <b>Dioxins</b>                                       |                                  |                                  |                                   |                                  |                                 |
| 2,3,7,8-TCDD                                         | ND(0.0000076)                    | ND(0.0000048)                    | ND(0.00000013)                    | NA                               | ND(0.00000015)                  |
| TCDDs (total)                                        | 0.000088                         | ND(0.0000048)                    | ND(0.00000013)                    | NA                               | 0.000014                        |
| 1,2,3,7,8-PeCDD                                      | ND(0.0000081)                    | ND(0.0000026)                    | ND(0.00000023)                    | NA                               | ND(0.00000080)                  |
| PeCDDs (total)                                       | 0.000032 J                       | ND(0.0000026)                    | ND(0.00000023)                    | NA                               | 0.0000092                       |
| 1,2,3,4,7,8-HxCDD                                    | ND(0.00000054)                   | ND(0.000013)                     | ND(0.00000013)                    | NA                               | 0.0000018 J                     |
| 1,2,3,6,7,8-HxCDD                                    | 0.0000095 J                      | ND(0.000016)                     | ND(0.00000012)                    | NA                               | 0.000057                        |
| 1,2,3,7,8,9-HxCDD                                    | 0.0000043 J                      | ND(0.000015)                     | ND(0.00000012)                    | NA                               | 0.000040                        |
| HxCDDs (total)                                       | 0.000066                         | ND(0.000016)                     | ND(0.00000012)                    | NA                               | 0.000037                        |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.00017                          | ND(0.000031)                     | 0.00000041                        | NA                               | 0.00016                         |
| HpCDDs (total)                                       | 0.00028                          | ND(0.000031)                     | 0.00000041                        | NA                               | 0.00027                         |
| OCDD                                                 | 0.0019                           | ND(0.000017)                     | 0.0000021 B                       | NA                               | 0.0025 E                        |
| Total TEQs (WHO TEFs)                                | 0.000032                         | 0.000010                         | 0.00000027                        | NA                               | 0.000058                        |



**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Parameter         | Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-27-SB-10<br>0-1<br>09/21/99 | 19-9-27-SB-10<br>2-4<br>09/21/99 | 19-9-27-SB-10<br>8-10<br>11/28/00 | 19-9-27-SB-11<br>2-4<br>11/22/00 | 19-9-27-SS-2<br>0-1<br>06/24/99 |
|-------------------|------------------------------------------------------|----------------------------------|----------------------------------|-----------------------------------|----------------------------------|---------------------------------|
| <b>Inorganics</b> |                                                      |                                  |                                  |                                   |                                  |                                 |
| Aluminum          |                                                      | NA                               | NA                               | NA                                | NA                               | NA                              |
| Antimony          |                                                      | ND(8.76)                         | ND(9.75)                         | ND(13.0)                          | ND(12.0)                         | ND(9.80)                        |
| Arsenic           |                                                      | 28.8                             | 20.2                             | ND(22.0)                          | ND(20.0)                         | ND(16.3)                        |
| Barium            |                                                      | 165                              | 278                              | ND(44.0)                          | 120                              | 91.2                            |
| Beryllium         |                                                      | ND(0.725)                        | ND(0.819)                        | 0.280                             | 0.300                            | 0.320                           |
| Cadmium           |                                                      | 1.55                             | 4.03                             | ND(2.20)                          | ND(2.00)                         | ND(1.60)                        |
| Calcium           |                                                      | NA                               | NA                               | NA                                | NA                               | NA                              |
| Chromium          |                                                      | 88.6                             | 48.5                             | 6.90                              | 12.0                             | 43.6                            |
| Cobalt            |                                                      | 12.7                             | 8.45                             | ND(11.0)                          | ND(10.0)                         | 9.10                            |
| Copper            |                                                      | 117                              | 779                              | ND(22.0)                          | 64.0                             | 42.3                            |
| Cyanide           |                                                      | NA                               | NA                               | ND(1.00)                          | NA                               | ND(1.10)                        |
| Iron              |                                                      | NA                               | NA                               | NA                                | NA                               | NA                              |
| Lead              |                                                      | 284                              | 828                              | 12.0                              | 160                              | 121                             |
| Magnesium         |                                                      | NA                               | NA                               | NA                                | NA                               | NA                              |
| Manganese         |                                                      | NA                               | NA                               | NA                                | NA                               | NA                              |
| Mercury           |                                                      | 1.05                             | 1.11                             | ND(0.290)                         | 2.20                             | 1.70                            |
| Nickel            |                                                      | 30.8                             | 24.7                             | 22.0                              | 18.0                             | 16.6                            |
| Potassium         |                                                      | NA                               | NA                               | NA                                | NA                               | NA                              |
| Selenium          |                                                      | 1.68                             | 3.12                             | ND(1.10)                          | ND(1.00)                         | ND(0.810)                       |
| Silver            |                                                      | 1.68                             | 64.8                             | ND(1.10)                          | ND(1.00)                         | ND(0.810)                       |
| Sodium            |                                                      | NA                               | NA                               | NA                                | NA                               | NA                              |
| Sulfide           |                                                      | NA                               | NA                               | 250                               | NA                               | 8.70                            |
| Thallium          |                                                      | ND(7.29)                         | ND(8.13)                         | ND(2.20)                          | ND(2.00)                         | ND(1.60)                        |
| Tin               |                                                      | ND(73.0)                         | 134                              | ND(66.0)                          | ND(61.0)                         | ND(48.8)                        |
| Vanadium          |                                                      | 31.2                             | 34.5                             | ND(11.0)                          | 10.0                             | 11.2                            |
| Zinc              |                                                      | 387                              | 2080                             | 62.0                              | 240                              | 187                             |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 9-9-27-SS-3<br>0-1<br>06/24/99 | 9-9-27-SS-4<br>0-1<br>11/28/00 | 9-9-27-SS-4<br>8-10<br>11/28/00 | 9-9-27-SS-4<br>14-16<br>11/28/00 |
|------------------------------------------------------|--------------------------------|--------------------------------|---------------------------------|----------------------------------|
| <b>Volatiles Organics</b>                            |                                |                                |                                 |                                  |
| 1,1,1,2-Tetrachloroethane                            | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| 1,1,1-Trichloroethane                                | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| 1,1,2,2-Tetrachloroethane                            | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| 1,1,2-Trichloroethane                                | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| 1,1-Dichloroethane                                   | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| 1,1-Dichloroethene                                   | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| 1,2,3-Trichloropropane                               | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| 1,2-Dibromo-3-chloropropane                          | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| 1,2-Dibromoethane                                    | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| 1,2-Dichloroethane                                   | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| 1,2-Dichloropropane                                  | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| 1,4-Dioxane                                          | ND(0.20) [ND(0.20)]            | ND(0.20)                       | ND(0.20)                        | ND(0.20) [ND(0.20)]              |
| 2-Butanone                                           | ND(0.10) [ND(0.10)]            | ND(0.10)                       | ND(0.10)                        | ND(0.10) [ND(0.10)]              |
| 2-Chloro-1,3-butadiene                               | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| 2-Chloroethylvinylether                              | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| 2-Hexanone                                           | ND(0.010) [ND(0.010)]          | ND(0.012)                      | ND(0.013)                       | ND(0.014) [ND(0.014)]            |
| 3-Chloropropene                                      | ND(0.010) [ND(0.010)]          | ND(0.012)                      | ND(0.013)                       | ND(0.014) [ND(0.014)]            |
| 4-Methyl-2-pentanone                                 | ND(0.010) [ND(0.010)]          | ND(0.012)                      | ND(0.013)                       | ND(0.014) [ND(0.014)]            |
| Acetone                                              | ND(0.10) [ND(0.10)]            | ND(0.10)                       | ND(0.10)                        | ND(0.10) [ND(0.10)]              |
| Acetonitrile                                         | ND(0.10) [ND(0.10)]            | ND(0.12)                       | ND(0.13)                        | ND(0.14) [ND(0.14)]              |
| Acrolein                                             | ND(0.10) [ND(0.10)]            | ND(0.12)                       | ND(0.13)                        | ND(0.14) [ND(0.14)]              |
| Acrylonitrile                                        | ND(0.010) [ND(0.010)]          | ND(0.012)                      | ND(0.013)                       | ND(0.014) [ND(0.014)]            |
| Benzene                                              | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| Bromodichloromethane                                 | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| Bromoform                                            | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| Bromomethane                                         | ND(0.010) [ND(0.010)]          | ND(0.012)                      | ND(0.013)                       | ND(0.014) [ND(0.014)]            |
| Carbon Disulfide                                     | ND(0.010) [ND(0.010)]          | ND(0.010)                      | ND(0.010)                       | ND(0.010) [ND(0.010)]            |
| Carbon Tetrachloride                                 | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| Chlorobenzene                                        | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| Chloroethane                                         | ND(0.010) [ND(0.010)]          | ND(0.012)                      | ND(0.013)                       | ND(0.014) [ND(0.014)]            |
| Chloroform                                           | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| Chloromethane                                        | ND(0.010) [ND(0.010)]          | ND(0.012)                      | ND(0.013)                       | ND(0.014) [ND(0.014)]            |
| cis-1,3-Dichloropropene                              | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| Dibromochloromethane                                 | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| Dibromomethane                                       | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| Dichlorodifluoromethane                              | ND(0.010) [ND(0.010)]          | ND(0.012)                      | ND(0.013)                       | ND(0.014) [ND(0.014)]            |
| Ethyl Methacrylate                                   | ND(0.010) [ND(0.010)]          | ND(0.012)                      | ND(0.013)                       | ND(0.014) [ND(0.014)]            |
| Ethylbenzene                                         | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| Iodomethane                                          | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| Isobutanol                                           | ND(0.20) [ND(0.20)]            | ND(0.25)                       | ND(0.27)                        | ND(0.27) [ND(0.28)]              |
| Methacrylonitrile                                    | ND(0.010) [ND(0.010)]          | ND(0.012)                      | ND(0.013)                       | ND(0.014) [ND(0.014)]            |
| Methyl Methacrylate                                  | ND(0.010) [ND(0.010)]          | ND(0.012)                      | ND(0.013)                       | ND(0.014) [ND(0.014)]            |
| Methylene Chloride                                   | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| Propionitrile                                        | ND(0.050) [ND(0.050)]          | ND(0.062)                      | ND(0.067)                       | ND(0.068) [ND(0.070)]            |
| Styrene                                              | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| Tetrachloroethene                                    | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| Toluene                                              | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| trans-1,2-Dichloroethene                             | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| trans-1,3-Dichloropropene                            | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| trans-1,4-Dichloro-2-butene                          | ND(0.010) [ND(0.010)]          | ND(0.012)                      | ND(0.013)                       | ND(0.014) [ND(0.014)]            |
| Trichloroethene                                      | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| Trichlorofluoromethane                               | ND(0.0050) [ND(0.0050)]        | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| Vinyl Acetate                                        | ND(0.010) [ND(0.010)]          | ND(0.012)                      | ND(0.013)                       | ND(0.014) [ND(0.014)]            |
| Vinyl Chloride                                       | ND(0.010) [ND(0.010)]          | ND(0.012)                      | ND(0.013)                       | ND(0.014) [ND(0.014)]            |
| Xylenes (total)                                      | ND(0.010) [ND(0.010)]          | ND(0.0062)                     | ND(0.0067)                      | ND(0.0068) [ND(0.0070)]          |
| <b>Semivolatile Organics</b>                         |                                |                                |                                 |                                  |
| 1,2,4,5-Tetrachlorobenzene                           | ND(0.40) [ND(0.40)]            | ND(0.41)                       | ND(0.44)                        | ND(0.45) [ND(0.46)]              |
| 1,2,4-Trichlorobenzene                               | ND(0.40) [ND(0.40)]            | ND(0.41)                       | ND(0.44)                        | ND(0.45) [ND(0.46)]              |
| 1,2-Dichlorobenzene                                  | ND(0.40) [ND(0.40)]            | ND(0.41)                       | ND(0.44)                        | ND(0.45) [ND(0.46)]              |
| 1,2-Diphenylhydrazine                                | ND(0.40) [ND(0.40)]            | ND(0.41)                       | ND(0.44)                        | ND(0.45) [ND(0.46)]              |
| 1,3,5-Trinitrobenzene                                | ND(0.70) [ND(0.70)]            | ND(0.82)                       | ND(0.89)                        | ND(0.90) [ND(0.93)]              |
| 1,3-Dichlorobenzene                                  | ND(0.40) [ND(0.40)]            | ND(0.41)                       | ND(0.44)                        | ND(0.45) [ND(0.46)]              |
| 1,3-Dinitrobenzene                                   | ND(2.0) [ND(2.0)]              | ND(2.1)                        | ND(2.3)                         | ND(2.3) [ND(2.4)]                |
| 1,4-Dichlorobenzene                                  | ND(0.40) [ND(0.40)]            | ND(0.41)                       | ND(0.44)                        | ND(0.45) [ND(0.46)]              |
| 1,4-Naphthoquinone                                   | ND(2.0) [ND(2.0)]              | ND(2.1)                        | ND(2.3)                         | ND(2.3) [ND(2.4)]                |
| 1-Naphthylamine                                      | ND(2.0) [ND(2.0)]              | ND(2.1)                        | ND(2.3)                         | ND(2.3) [ND(2.4)]                |
| 2,3,4,6-Tetrachlorophenol                            | ND(0.40) [ND(0.40)]            | ND(0.41)                       | ND(0.44)                        | ND(0.45) [ND(0.46)]              |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-27-SS-3<br>0-1<br>06/24/99 | 19-9-27-SS-4<br>0-1<br>11/28/00 | 19-9-27-SS-4<br>8-10<br>11/28/00 | 19-9-27-SS-4<br>14-16<br>11/28/00 |
|------------------------------------------------------|---------------------------------|---------------------------------|----------------------------------|-----------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                 |                                 |                                  |                                   |
| 2,4,5-Trichlorophenol                                | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| 2,4,6-Trichlorophenol                                | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| 2,4-Dichlorophenol                                   | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| 2,4-Dimethylphenol                                   | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| 2,4-Dinitrophenol                                    | ND(2.0) [ND(2.0)]               | ND(2.1)                         | ND(2.3)                          | ND(2.3) [ND(2.4)]                 |
| 2,4-Dinitrotoluene                                   | ND(2.0) [ND(2.0)]               | ND(2.1)                         | ND(2.3)                          | ND(2.3) [ND(2.4)]                 |
| 2,6-Dichlorophenol                                   | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| 2,6-Dinitrotoluene                                   | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| 2-Acetylaminofluorene                                | ND(0.70) [ND(0.70)]             | ND(0.82)                        | ND(0.89)                         | ND(0.90) [ND(2.3)]                |
| 2-Chloronaphthalene                                  | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| 2-Chlorophenol                                       | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| 2-Methylnaphthalene                                  | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| 2-Methylphenol                                       | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| 2-Naphthylamine                                      | ND(2.0) [ND(2.0)]               | ND(2.1)                         | ND(2.3)                          | ND(2.3) [ND(2.4)]                 |
| 2-Nitroaniline                                       | ND(2.0) [ND(2.0)]               | ND(2.1)                         | ND(2.3)                          | ND(2.3) [ND(2.4)]                 |
| 2-Nitrophenol                                        | ND(0.70) [ND(0.70)]             | ND(0.82)                        | ND(0.89)                         | ND(0.90) [ND(0.93)]               |
| 2-Picoline                                           | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| 3&4-Methylphenol                                     | ND(0.70) [ND(0.70)]             | ND(0.82)                        | ND(0.89)                         | ND(0.90) [ND(0.93)]               |
| 3,3'-Dichlorobenzidine                               | ND(2.0) [ND(2.0)]               | ND(2.1)                         | ND(2.3)                          | ND(2.3) [ND(2.4)]                 |
| 3,3'-Dimethylbenzidine                               | ND(2.0) [ND(2.0)]               | ND(2.1)                         | ND(2.3)                          | ND(2.3) [ND(2.4)]                 |
| 3-Methylcholanthrene                                 | ND(0.70) [ND(0.70)]             | ND(0.82)                        | ND(0.89)                         | ND(0.90) [ND(0.93)]               |
| 3-Nitroaniline                                       | ND(2.0) [ND(2.0)]               | ND(2.1)                         | ND(2.3)                          | ND(2.3) [ND(2.4)]                 |
| 4,6-Dinitro-2-methylphenol                           | ND(2.0) [ND(2.0)]               | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| 4-Aminobiphenyl                                      | ND(0.70) [ND(0.70)]             | ND(0.82)                        | ND(0.89)                         | ND(0.90) [ND(0.93)]               |
| 4-Bromophenyl-phenylether                            | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| 4-Chloro-3-Methylphenol                              | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| 4-Chloroaniline                                      | ND(0.70) [ND(0.70)]             | ND(0.82)                        | ND(0.89)                         | ND(0.90) [ND(0.93)]               |
| 4-Chlorobenzilate                                    | ND(2.0) [ND(2.0)]               | ND(2.1)                         | ND(2.3)                          | ND(2.3) [ND(2.4)]                 |
| 4-Chlorophenyl-phenylether                           | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| 4-Nitroaniline                                       | ND(2.0) [ND(2.0)]               | ND(2.1)                         | ND(2.3)                          | ND(2.3) [ND(2.4)]                 |
| 4-Nitrophenol                                        | ND(2.0) [ND(2.0)]               | ND(2.1)                         | ND(2.3)                          | ND(2.3) [ND(2.4)]                 |
| 4-Nitroquinoline-1-oxide                             | ND(2.0) [ND(2.0)]               | ND(2.1)                         | ND(2.3)                          | ND(2.3) [ND(2.4)]                 |
| 4-Phenylenediamine                                   | ND(2.0) [ND(2.0)]               | ND(2.1)                         | ND(2.3)                          | ND(2.3) [ND(2.4)]                 |
| 5-Nitro-o-toluidine                                  | ND(2.0) [ND(2.0)]               | ND(2.1)                         | ND(2.3)                          | ND(2.3) [ND(2.4)]                 |
| 7,12-Dimethylbenz(a)anthracene                       | ND(0.70) [ND(0.70)]             | ND(0.82)                        | ND(0.89)                         | ND(0.90) [ND(0.93)]               |
| a,a'-Dimethylphenethylamine                          | ND(2.0) [ND(2.0)]               | ND(2.1)                         | ND(2.3)                          | ND(2.3) [ND(2.4)]                 |
| Acenaphthene                                         | 1.0 [ND(0.40)]                  | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Acenaphthylene                                       | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Acetophenone                                         | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Aniline                                              | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Anthracene                                           | 3.0 [0.70]                      | 0.86                            | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Aramite                                              | ND(0.70) [ND(0.70)]             | ND(0.82)                        | ND(0.89)                         | ND(0.90) [ND(0.93)]               |
| Benzidine                                            | ND(0.70) [ND(0.70)]             | ND(0.82)                        | ND(0.89)                         | ND(0.90) [ND(0.93)]               |
| Benzo(a)anthracene                                   | 7.0 [2.0]                       | 2.7                             | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Benzo(a)pyrene                                       | 6.0 [2.0]                       | 2.5                             | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Benzo(b)fluoranthene                                 | 8.0 [3.0]                       | 1.8                             | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Benzo(g,h,i)perylene                                 | 4.0 [1.0]                       | 1.9                             | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Benzo(k)fluoranthene                                 | 2.0 [1.0]                       | 2.4                             | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Benzoic Acid                                         | NA                              | NA                              | NA                               | NA                                |
| Benzyl Alcohol                                       | ND(0.70) [ND(0.70)]             | ND(0.82)                        | ND(0.89)                         | ND(0.90) [ND(0.93)]               |
| bis(2-Chloroethoxy)methane                           | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| bis(2-Chloroethyl)ether                              | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| bis(2-Chloroisopropyl)ether                          | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| bis(2-Ethylhexyl)phthalate                           | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Butylbenzylphthalate                                 | ND(0.70) [ND(0.70)]             | ND(0.82)                        | ND(0.89)                         | ND(0.90) [ND(0.93)]               |
| Chrysene                                             | 7.0 [2.0]                       | 2.7                             | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Diallate                                             | ND(0.70) [ND(0.70)]             | ND(0.82)                        | ND(0.89)                         | ND(0.90) [ND(0.93)]               |
| Dibenzo(a,h)anthracene                               | 1.0 [ND(0.70)]                  | ND(0.82)                        | ND(0.89)                         | ND(0.90) [ND(0.93)]               |
| Dibenzofuran                                         | 0.70 [ND(0.40)]                 | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Diethylphthalate                                     | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Dimethylphthalate                                    | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Di-n-Butylphthalate                                  | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Di-n-Octylphthalate                                  | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Dinoseb                                              | NA                              | NA                              | NA                               | NA                                |
| Diphenylamine                                        | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Ethyl Methacrylate                                   | NA                              | NA                              | NA                               | NA                                |
| Ethyl Methanesulfonate                               | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-27-SS-3<br>0-1<br>06/24/99 | 19-9-27-SS-4<br>0-1<br>11/28/00 | 19-9-27-SS-4<br>8-10<br>11/28/00 | 19-9-27-SS-4<br>14-16<br>11/28/00 |
|------------------------------------------------------|---------------------------------|---------------------------------|----------------------------------|-----------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                 |                                 |                                  |                                   |
| Fluoranthene                                         | 21 [5.0]                        | 5.1                             | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Fluorene                                             | 1.0 [ND(0.40)]                  | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Hexachlorobenzene                                    | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Hexachlorobutadiene                                  | ND(2.0) [ND(2.0)]               | ND(0.82)                        | ND(0.89)                         | ND(0.90) [ND(0.93)]               |
| Hexachlorocyclopentadiene                            | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Hexachloroethane                                     | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Hexachlorophene                                      | ND(0.70) [ND(0.70)]             | ND(0.82)                        | ND(0.89)                         | ND(0.90) [ND(2.3)]                |
| Hexachloropropene                                    | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Indeno(1,2,3-cd)pyrene                               | 5.0 [2.0]                       | 1.6                             | ND(0.89)                         | ND(0.90) [ND(0.93)]               |
| Isodrin                                              | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.93)]               |
| Isophorone                                           | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Isosafrole                                           | ND(0.70) [ND(0.70)]             | ND(0.82)                        | ND(0.89)                         | ND(0.90) [ND(0.93)]               |
| Methapyrene                                          | ND(2.0) [ND(2.0)]               | ND(2.1)                         | ND(2.3)                          | ND(2.3) [ND(2.4)]                 |
| Methyl Methanesulfonate                              | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Naphthalene                                          | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Nitrobenzene                                         | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| N-Nitrosodiethylamine                                | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| N-Nitrosodimethylamine                               | ND(0.70) [ND(0.70)]             | ND(0.82)                        | ND(0.89)                         | ND(0.90) [ND(0.93)]               |
| N-Nitroso-di-n-butylamine                            | ND(0.70) [ND(0.70)]             | ND(0.82)                        | ND(0.89)                         | ND(0.90) [ND(0.93)]               |
| N-Nitroso-di-n-propylamine                           | ND(2.0) [ND(2.0)]               | ND(0.82)                        | ND(0.89)                         | ND(0.90) [ND(0.93)]               |
| N-Nitrosodiphenylamine                               | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| N-Nitrosomethylethylamine                            | ND(0.70) [ND(0.70)]             | ND(0.82)                        | ND(0.89)                         | ND(0.90) [ND(0.93)]               |
| N-Nitrosomorpholine                                  | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| N-Nitrosopiperidine                                  | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| N-Nitrosopyrrolidine                                 | ND(0.70) [ND(0.70)]             | ND(0.82)                        | ND(0.89)                         | ND(0.90) [ND(0.93)]               |
| o,o,o-Triethylphosphorothioate                       | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.93)]               |
| o-Toluidine                                          | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| p-Dimethylaminoazobenzene                            | ND(2.0) [ND(2.0)]               | ND(2.1)                         | ND(2.3)                          | ND(2.3) [ND(2.4)]                 |
| Pentachlorobenzene                                   | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Pentachloroethane                                    | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Pentachloronitrobenzene                              | ND(2.0) [ND(2.0)]               | ND(2.1)                         | ND(2.3)                          | ND(2.3) [ND(2.4)]                 |
| Pentachlorophenol                                    | ND(2.0) [ND(2.0)]               | ND(2.1)                         | ND(2.3)                          | ND(2.3) [ND(2.4)]                 |
| Phenacetin                                           | ND(2.0) [ND(2.0)]               | ND(2.1)                         | ND(2.3)                          | ND(2.3) [ND(2.4)]                 |
| Phenanthrene                                         | 18 [3.0]                        | 3.9                             | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Phenol                                               | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Pronamide                                            | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(2.3)]                |
| Pyrene                                               | 16 [4.0]                        | 4.2                             | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Pyridine                                             | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Safrole                                              | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(0.46)]               |
| Sulfotep                                             | NA                              | NA                              | NA                               | NA                                |
| Thionazin                                            | ND(0.40) [ND(0.40)]             | ND(0.41)                        | ND(0.44)                         | ND(0.45) [ND(2.3)]                |
| <b>Furans</b>                                        |                                 |                                 |                                  |                                   |
| 2,3,7,8-TCDF                                         | 0.000096 [0.00010]              | 0.000028                        | ND(0.0000022)                    | ND(0.0000025) [ND(0.0000014)]     |
| TCDFs (total)                                        | 0.00042 [0.00050]               | 0.00012                         | ND(0.0000022)                    | ND(0.0000025) [ND(0.0000014)]     |
| 1,2,3,7,8-PeCDF                                      | 0.000019 [0.000026]             | ND(0.0000099) X                 | ND(0.0000027)                    | ND(0.0000025) [ND(0.00000094)]    |
| 2,3,4,7,8-PeCDF                                      | 0.000020 [0.000024]             | ND(0.0000062) X                 | ND(0.0000026)                    | ND(0.0000024) [ND(0.00000092)]    |
| PeCDFs (total)                                       | 0.00028 [0.00029]               | 0.000088                        | ND(0.0000026)                    | ND(0.0000024) [ND(0.00000092)]    |
| 1,2,3,4,7,8-HxCDF                                    | 0.000031 [0.000034]             | 0.000047 I                      | ND(0.0000015)                    | ND(0.0000012) [ND(0.0000013) X]   |
| 1,2,3,6,7,8-HxCDF                                    | 0.000015 [0.000017]             | ND(0.0000018)                   | ND(0.0000015)                    | ND(0.0000012) [ND(0.00000061)]    |
| 1,2,3,7,8,9-HxCDF                                    | 0.0000047 J [ND(0.0000063)]     | ND(0.0000024)                   | ND(0.0000019)                    | ND(0.0000015) [ND(0.00000078)]    |
| 2,3,4,6,7,8-HxCDF                                    | 0.0000079 [0.0000079]           | 0.0000047                       | ND(0.0000015)                    | ND(0.0000012) [ND(0.00000061)]    |
| HxCDFs (total)                                       | 0.00017 [0.00018]               | 0.000060                        | ND(0.0000015)                    | ND(0.0000012) [0.00000038]        |
| 1,2,3,4,6,7,8-HpCDF                                  | 0.000059 [0.000066]             | 0.000025                        | ND(0.00000082)                   | ND(0.00000074) [ND(0.00000038) X] |
| 1,2,3,4,7,8,9-HpCDF                                  | 0.0000087 [0.0000087]           | 0.0000037                       | ND(0.0000011)                    | ND(0.0000010) [ND(0.00000091)]    |
| HpCDFs (total)                                       | 0.00013 [0.00015]               | 0.000029                        | ND(0.00000082)                   | ND(0.00000074) [ND(0.00000066)]   |
| OCDF                                                 | 0.00014 [0.00014]               | 0.000026                        | ND(0.0000011)                    | ND(0.0000010) [0.00000098]        |
| <b>Dioxins</b>                                       |                                 |                                 |                                  |                                   |
| 2,3,7,8-TCDD                                         | 0.0000011 J [0.0000017]         | ND(0.0000068)                   | ND(0.0000028)                    | ND(0.0000038) [ND(0.0000015)]     |
| TCDDs (total)                                        | 0.000011 [0.0000042]            | 0.0000042                       | ND(0.0000028)                    | ND(0.0000038) [ND(0.0000015)]     |
| 1,2,3,7,8-PeCDD                                      | 0.0000025 [0.0000034]           | ND(0.00000087)                  | ND(0.0000043)                    | ND(0.0000036) [ND(0.0000022)]     |
| PeCDDs (total)                                       | 0.000011 [0.0000034]            | ND(0.00000087)                  | ND(0.0000043)                    | ND(0.0000036) [ND(0.0000022)]     |
| 1,2,3,4,7,8-HxCDD                                    | 0.0000015 J [0.0000019]         | ND(0.00000072)                  | ND(0.0000025)                    | ND(0.0000019) [ND(0.0000015)]     |
| 1,2,3,6,7,8-HxCDD                                    | 0.0000071 [0.0000095]           | 0.0000012                       | ND(0.0000024)                    | ND(0.0000018) [ND(0.0000014)]     |
| 1,2,3,7,8,9-HxCDD                                    | 0.0000039 [0.0000033]           | ND(0.0000068)                   | ND(0.0000024)                    | ND(0.0000018) [ND(0.0000014)]     |
| HxCDDs (total)                                       | 0.000019 [0.000043]             | 0.0000013                       | ND(0.0000024)                    | ND(0.0000018) [ND(0.0000014)]     |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.000011 [0.000012]             | 0.000019                        | ND(0.0000044) X                  | ND(0.0000011) [0.0000023]         |
| HpCDDs (total)                                       | 0.00020 [0.00021]               | 0.000040                        | ND(0.0000014)                    | ND(0.0000011) [0.0000039]         |
| OCDD                                                 | 0.0013 [0.0013]                 | 0.00010 B                       | 0.000021 B                       | 0.000016 B [0.000019 B]           |
| Total TEQs (WHO TEFs)                                | 0.000033 [0.000038]             | 0.000011                        | 0.0000051                        | 0.0000050 [0.0000028]             |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Parameter         | Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-27-SS-3<br>0-1<br>06/24/99 | 19-9-27-SS-4<br>0-1<br>11/28/00 | 19-9-27-SS-4<br>8-10<br>11/28/00 | 19-9-27-SS-4<br>14-16<br>11/28/00 |
|-------------------|------------------------------------------------------|---------------------------------|---------------------------------|----------------------------------|-----------------------------------|
| <b>Inorganics</b> |                                                      |                                 |                                 |                                  |                                   |
| Aluminum          |                                                      | NA                              | NA                              | NA                               | NA                                |
| Antimony          |                                                      | ND(9.80) [ND(9.70)]             | ND(11.0)                        | ND(12.0)                         | ND(12.0) [ND(12.0)]               |
| Arsenic           |                                                      | ND(16.2) [ND(16.2)]             | ND(18.0)                        | ND(20.0)                         | ND(20.0) [ND(21.0)]               |
| Barium            |                                                      | 90.4 [107]                      | 120                             | ND(40.0)                         | ND(40.0) [ND(42.0)]               |
| Beryllium         |                                                      | 0.250 [0.340]                   | 0.300                           | 0.300                            | 0.340 [0.270]                     |
| Cadmium           |                                                      | ND(1.60) [ND(1.60)]             | ND(1.80)                        | ND(2.00)                         | ND(2.00) [ND(2.10)]               |
| Calcium           |                                                      | NA                              | NA                              | NA                               | NA                                |
| Chromium          |                                                      | 36.5 [43.4]                     | 12.0                            | 6.70                             | 6.30 [5.70]                       |
| Cobalt            |                                                      | ND(8.10) [10.4]                 | 10.0                            | ND(10.0)                         | ND(10.0) [ND(10.0)]               |
| Copper            |                                                      | 59.4 [99.9]                     | 64.0                            | ND(20.0)                         | ND(20.0) [ND(21.0)]               |
| Cyanide           |                                                      | ND(1.10) [ND(1.10)]             | ND(1.00)                        | ND(1.00)                         | ND(1.00) [ND(1.00)]               |
| Iron              |                                                      | NA                              | NA                              | NA                               | NA                                |
| Lead              |                                                      | 195 [196]                       | 220                             | 6.60                             | 5.40 [4.80]                       |
| Magnesium         |                                                      | NA                              | NA                              | NA                               | NA                                |
| Manganese         |                                                      | NA                              | NA                              | NA                               | NA                                |
| Mercury           |                                                      | 1.40 [1.30]                     | 0.570                           | ND(0.270)                        | ND(0.270) [ND(0.280)]             |
| Nickel            |                                                      | 16.0 [22.9]                     | 22.0                            | 16.0                             | 13.0 [11.0]                       |
| Potassium         |                                                      | NA                              | NA                              | NA                               | NA                                |
| Selenium          |                                                      | ND(0.810) [0.930]               | ND(0.920)                       | ND(1.00)                         | ND(1.00) [ND(1.00)]               |
| Silver            |                                                      | ND(0.810) [ND(0.810)]           | ND(0.920)                       | ND(1.00)                         | ND(1.00) [ND(1.00)]               |
| Sodium            |                                                      | NA                              | NA                              | NA                               | NA                                |
| Sulfide           |                                                      | 34.7 [31.3]                     | 12.0                            | ND(6.70)                         | 98.0 [92.0]                       |
| Thallium          |                                                      | ND(1.60) [ND(1.60)]             | ND(1.80)                        | ND(2.00)                         | ND(2.00) [ND(2.10)]               |
| Tin               |                                                      | ND(48.8) [ND(48.6)]             | ND(55.0)                        | ND(60.0)                         | ND(61.0) [ND(63.0)]               |
| Vanadium          |                                                      | 12.0 [14.2]                     | 14.0                            | ND(10.0)                         | ND(10.0) [ND(10.0)]               |
| Zinc              |                                                      | 222 [252]                       | 210                             | 38.0                             | 32.0 [30.0]                       |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-27-SS-16<br>0-1<br>11/28/00 | 19-9-27-SS-16<br>6-8<br>11/28/00 | 19-9-28-SB-1<br>0-1<br>06/24/99 | 19-9-28-SB-1<br>6-8<br>12/01/97 | 19-9-28-SB-1<br>8-10<br>12/04/00 | 19-9-28-SB-2<br>0-1<br>06/24/99 |
|------------------------------------------------------|----------------------------------|----------------------------------|---------------------------------|---------------------------------|----------------------------------|---------------------------------|
| <b>Volatile Organics</b>                             |                                  |                                  |                                 |                                 |                                  |                                 |
| 1,1,1,2-Tetrachloroethane                            | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| 1,1,1-Trichloroethane                                | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| 1,1,2,2-Tetrachloroethane                            | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| 1,1,2-Trichloroethane                                | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| 1,1-Dichloroethane                                   | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| 1,1-Dichloroethene                                   | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| 1,2,3-Trichloropropane                               | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| 1,2-Dibromo-3-chloropropane                          | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| 1,2-Dibromoethane                                    | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| 1,2-Dichloroethane                                   | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| 1,2-Dichloropropane                                  | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| 1,4-Dioxane                                          | ND(0.20)                         | ND(0.20)                         | ND(0.20)                        | ND(2.7)                         | NA                               | ND(0.20)                        |
| 2-Butanone                                           | ND(0.10)                         | ND(0.10)                         | ND(0.10)                        | NA                              | NA                               | ND(0.10)                        |
| 2-Chloro-1,3-butadiene                               | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| 2-Chloroethylvinylether                              | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| 2-Hexanone                                           | ND(0.013)                        | ND(0.012)                        | ND(0.010)                       | NA                              | NA                               | ND(0.010)                       |
| 3-Chloropropene                                      | ND(0.013)                        | ND(0.012)                        | ND(0.010)                       | NA                              | NA                               | ND(0.010)                       |
| 4-Methyl-2-pentanone                                 | ND(0.013)                        | ND(0.012)                        | ND(0.010)                       | NA                              | NA                               | ND(0.010)                       |
| Acetone                                              | ND(0.10)                         | ND(0.10)                         | ND(0.10)                        | NA                              | NA                               | ND(0.10)                        |
| Acetonitrile                                         | ND(0.13)                         | ND(0.12)                         | ND(0.10)                        | NA                              | NA                               | ND(0.10)                        |
| Acrolein                                             | ND(0.13)                         | ND(0.12)                         | ND(0.10)                        | NA                              | NA                               | ND(0.10)                        |
| Acrylonitrile                                        | ND(0.013)                        | ND(0.012)                        | ND(0.010)                       | NA                              | NA                               | ND(0.010)                       |
| Benzene                                              | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| Bromodichloromethane                                 | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| Bromoform                                            | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| Bromomethane                                         | ND(0.013)                        | ND(0.012)                        | ND(0.010)                       | NA                              | NA                               | ND(0.010)                       |
| Carbon Disulfide                                     | ND(0.010)                        | ND(0.010)                        | ND(0.010)                       | NA                              | NA                               | ND(0.010)                       |
| Carbon Tetrachloride                                 | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| Chlorobenzene                                        | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| Chloroethane                                         | ND(0.013)                        | ND(0.012)                        | ND(0.010)                       | NA                              | NA                               | ND(0.010)                       |
| Chloroform                                           | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| Chloromethane                                        | ND(0.013)                        | ND(0.012)                        | ND(0.010)                       | NA                              | NA                               | ND(0.010)                       |
| cis-1,3-Dichloropropene                              | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| Dibromochloromethane                                 | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| Dibromomethane                                       | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| Dichlorodifluoromethane                              | ND(0.013)                        | ND(0.012)                        | ND(0.010)                       | NA                              | NA                               | ND(0.010)                       |
| Ethyl Methacrylate                                   | ND(0.013)                        | ND(0.012)                        | ND(0.010)                       | NA                              | NA                               | ND(0.010)                       |
| Ethylbenzene                                         | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| Iodomethane                                          | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| Isobutanol                                           | ND(0.26)                         | ND(0.25)                         | ND(0.20)                        | NA                              | NA                               | ND(0.20)                        |
| Methacrylonitrile                                    | ND(0.013)                        | ND(0.012)                        | ND(0.010)                       | NA                              | NA                               | ND(0.010)                       |
| Methyl Methacrylate                                  | ND(0.013)                        | ND(0.012)                        | ND(0.010)                       | ND(2.7)                         | NA                               | ND(0.010)                       |
| Methylene Chloride                                   | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| Propionitrile                                        | ND(0.064)                        | ND(0.062)                        | ND(0.050)                       | NA                              | NA                               | ND(0.050)                       |
| Styrene                                              | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| Tetrachloroethene                                    | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| Toluene                                              | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| trans-1,2-Dichloroethene                             | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| trans-1,3-Dichloropropene                            | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| trans-1,4-Dichloro-2-butene                          | ND(0.013)                        | ND(0.012)                        | ND(0.010)                       | NA                              | NA                               | ND(0.010)                       |
| Trichloroethene                                      | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| Trichlorofluoromethane                               | ND(0.0064)                       | ND(0.0062)                       | ND(0.0050)                      | NA                              | NA                               | ND(0.0050)                      |
| Vinyl Acetate                                        | ND(0.013)                        | ND(0.012)                        | ND(0.010)                       | NA                              | NA                               | ND(0.010)                       |
| Vinyl Chloride                                       | ND(0.013)                        | ND(0.012)                        | ND(0.010)                       | NA                              | NA                               | ND(0.010)                       |
| Xylenes (total)                                      | ND(0.0064)                       | ND(0.0062)                       | ND(0.010)                       | NA                              | NA                               | ND(0.010)                       |
| <b>Semivolatile Organics</b>                         |                                  |                                  |                                 |                                 |                                  |                                 |
| 1,2,4,5-Tetrachlorobenzene                           | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| 1,2,4-Trichlorobenzene                               | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | 1.1 J                           | ND(0.56)                         | ND(0.40)                        |
| 1,2-Dichlorobenzene                                  | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| 1,2-Diphenylhydrazine                                | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| 1,3,5-Trinitrobenzene                                | ND(0.86)                         | ND(0.83)                         | ND(0.70)                        | ND(2.7)                         | ND(1.1)                          | ND(0.70)                        |
| 1,3-Dichlorobenzene                                  | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | 0.32 J                          | ND(0.56)                         | ND(0.40)                        |
| 1,3-Dinitrobenzene                                   | ND(2.2)                          | ND(2.1)                          | ND(2.0)                         | ND(2.7)                         | ND(2.9)                          | ND(2.0)                         |
| 1,4-Dichlorobenzene                                  | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | 1.2 J                           | ND(0.56)                         | ND(0.40)                        |
| 1,4-Naphthoquinone                                   | ND(2.2)                          | ND(2.1)                          | ND(2.0)                         | ND(2.7)                         | ND(2.9)                          | ND(2.0)                         |
| 1-Naphthylamine                                      | ND(2.2)                          | ND(2.1)                          | ND(2.0)                         | ND(2.7)                         | ND(2.9)                          | ND(2.0)                         |
| 2,3,4,6-Tetrachlorophenol                            | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-27-SS-16<br>0-1<br>11/28/00 | 19-9-27-SS-16<br>6-8<br>11/28/00 | 19-9-28-SB-1<br>0-1<br>06/24/99 | 19-9-28-SB-1<br>6-8<br>12/01/97 | 19-9-28-SB-1<br>8-10<br>12/04/00 | 19-9-28-SB-2<br>0-1<br>06/24/99 |
|------------------------------------------------------|----------------------------------|----------------------------------|---------------------------------|---------------------------------|----------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                  |                                  |                                 |                                 |                                  |                                 |
| 2,4,5-Trichlorophenol                                | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(13)                          | ND(0.56)                         | ND(0.40)                        |
| 2,4,6-Trichlorophenol                                | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| 2,4-Dichlorophenol                                   | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| 2,4-Dimethylphenol                                   | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| 2,4-Dinitrophenol                                    | ND(2.2)                          | ND(2.1)                          | ND(2.0)                         | ND(13)                          | ND(2.9)                          | ND(2.0)                         |
| 2,4-Dinitrotoluene                                   | ND(2.2)                          | ND(2.1)                          | ND(2.0)                         | ND(2.7)                         | ND(2.9)                          | ND(2.0)                         |
| 2,6-Dichlorophenol                                   | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| 2,6-Dinitrotoluene                                   | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| 2-Acetylaminofluorene                                | ND(2.1)                          | ND(0.83)                         | ND(0.70)                        | ND(2.7)                         | ND(1.1)                          | ND(0.70)                        |
| 2-Chloronaphthalene                                  | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| 2-Chlorophenol                                       | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| 2-Methylnaphthalene                                  | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | 0.28 J                          | ND(0.56)                         | ND(0.40)                        |
| 2-Methylphenol                                       | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| 2-Naphthylamine                                      | ND(2.2)                          | ND(2.1)                          | ND(2.0)                         | ND(2.7)                         | ND(2.9)                          | ND(2.0)                         |
| 2-Nitroaniline                                       | ND(2.2)                          | ND(2.1)                          | ND(2.0)                         | ND(13)                          | ND(2.9)                          | ND(2.0)                         |
| 2-Nitrophenol                                        | ND(0.86)                         | ND(0.83)                         | ND(0.70)                        | ND(2.7)                         | ND(1.1)                          | ND(0.70)                        |
| 2-Picoline                                           | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| 3&4-Methylphenol                                     | ND(0.86)                         | ND(0.83)                         | ND(0.70)                        | ND(2.7)                         | ND(1.1)                          | ND(0.70)                        |
| 3,3'-Dichlorobenzidine                               | ND(2.2)                          | ND(2.1)                          | ND(2.0)                         | ND(5.3)                         | ND(2.9)                          | ND(2.0)                         |
| 3,3'-Dimethylbenzidine                               | ND(2.2)                          | ND(2.1)                          | ND(2.0)                         | ND(2.7)                         | ND(2.9)                          | ND(2.0)                         |
| 3-Methylcholanthrene                                 | ND(0.86)                         | ND(0.83)                         | ND(0.70)                        | ND(2.7)                         | ND(1.1)                          | ND(0.70)                        |
| 3-Nitroaniline                                       | ND(2.2)                          | ND(2.1)                          | ND(2.0)                         | ND(13)                          | ND(2.9)                          | ND(2.0)                         |
| 4,6-Dinitro-2-methylphenol                           | ND(0.43)                         | ND(0.41)                         | ND(2.0)                         | ND(13)                          | ND(0.56)                         | ND(2.0)                         |
| 4-Aminobiphenyl                                      | ND(0.86)                         | ND(0.83)                         | ND(0.70)                        | ND(2.7)                         | ND(1.1)                          | ND(0.70)                        |
| 4-Bromophenyl-phenylether                            | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| 4-Chloro-3-Methylphenol                              | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| 4-Chloroaniline                                      | ND(0.86)                         | ND(0.83)                         | ND(0.70)                        | ND(2.7)                         | ND(1.1)                          | ND(0.70)                        |
| 4-Chlorobenzilate                                    | ND(2.2)                          | ND(2.1)                          | ND(2.0)                         | ND(2.7)                         | ND(2.9)                          | ND(2.0)                         |
| 4-Chlorophenyl-phenylether                           | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| 4-Nitroaniline                                       | ND(2.2)                          | ND(2.1)                          | ND(2.0)                         | ND(13)                          | ND(2.9)                          | ND(2.0)                         |
| 4-Nitrophenol                                        | ND(2.2)                          | ND(2.1)                          | ND(2.0)                         | ND(13)                          | ND(2.9)                          | ND(2.0)                         |
| 4-Nitroquinoline-1-oxide                             | ND(2.2)                          | ND(2.1)                          | ND(2.0)                         | ND(5.3)                         | ND(2.9)                          | ND(2.0)                         |
| 4-Phenylenediamine                                   | ND(2.2)                          | ND(2.1)                          | ND(2.0)                         | ND(2.7)                         | ND(2.9)                          | ND(2.0)                         |
| 5-Nitro-o-toluidine                                  | ND(2.2)                          | ND(2.1)                          | ND(2.0)                         | ND(2.7)                         | ND(2.9)                          | ND(2.0)                         |
| 7,12-Dimethylbenz(a)anthracene                       | ND(0.86)                         | ND(0.83)                         | ND(0.70)                        | ND(2.7)                         | ND(1.1)                          | ND(0.70)                        |
| a,a'-Dimethylphenethylamine                          | ND(2.2)                          | ND(2.1)                          | ND(2.0)                         | ND(2.7)                         | ND(2.9)                          | ND(2.0)                         |
| Acenaphthene                                         | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | 1.3 J                           | ND(0.56)                         | 0.60                            |
| Acenaphthylene                                       | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | 0.43 J                          | ND(0.56)                         | ND(0.40)                        |
| Acetophenone                                         | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| Aniline                                              | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| Anthracene                                           | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | 3.1                             | ND(0.56)                         | 1.0                             |
| Aramite                                              | ND(0.86)                         | ND(0.83)                         | ND(0.70)                        | ND(5.3)                         | ND(1.1)                          | ND(0.70)                        |
| Benzidine                                            | ND(0.86)                         | ND(0.83)                         | ND(0.70)                        | ND(27)                          | ND(1.1)                          | ND(0.70)                        |
| Benzo(a)anthracene                                   | 0.64                             | ND(0.41)                         | 0.50                            | 10                              | 1.1                              | 2.0                             |
| Benzo(a)pyrene                                       | 0.63                             | ND(0.41)                         | 0.50                            | 8.6                             | 0.98                             | 1.0                             |
| Benzo(b)fluoranthene                                 | 0.58                             | ND(0.40)                         | 0.70                            | 9.4                             | 1.0                              | 2.0                             |
| Benzo(g,h,i)perylene                                 | 0.66                             | ND(0.41)                         | ND(0.40)                        | 5.3                             | 0.67                             | 0.80                            |
| Benzo(k)fluoranthene                                 | 0.53                             | ND(0.41)                         | ND(0.40)                        | 8.8                             | 0.78                             | 0.80                            |
| Benzoic Acid                                         | NA                               | NA                               | NA                              | ND(13)                          | NA                               | NA                              |
| Benzyl Alcohol                                       | ND(0.86)                         | ND(0.83)                         | ND(0.70)                        | ND(2.7)                         | ND(1.1)                          | ND(0.70)                        |
| bis(2-Chloroethoxy)methane                           | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| bis(2-Chloroethyl)ether                              | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| bis(2-Chloroisopropyl)ether                          | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| bis(2-Ethylhexyl)phthalate                           | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| Butylbenzylphthalate                                 | ND(0.86)                         | ND(0.83)                         | 0.40                            | ND(2.7)                         | ND(1.1)                          | 0.60                            |
| Chrysene                                             | 0.70                             | ND(0.41)                         | 0.60                            | 12                              | 0.99                             | 2.0                             |
| Diallate                                             | ND(0.86)                         | ND(0.83)                         | ND(0.70)                        | ND(2.7)                         | ND(1.1)                          | ND(0.70)                        |
| Dibenzo(a,h)anthracene                               | ND(0.86)                         | ND(0.83)                         | ND(0.70)                        | 2.4 J                           | ND(1.1)                          | ND(0.70)                        |
| Dibenzofuran                                         | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | 0.73 J                          | ND(0.56)                         | ND(0.40)                        |
| Diethylphthalate                                     | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| Dimethylphthalate                                    | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| Di-n-Butylphthalate                                  | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | 0.40                            |
| Di-n-Octylphthalate                                  | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| Dinoseb                                              | NA                               | NA                               | NA                              | ND(13)                          | NA                               | NA                              |
| Diphenylamine                                        | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| Ethyl Methacrylate                                   | NA                               | NA                               | NA                              | ND(2.7)                         | NA                               | NA                              |
| Ethyl Methanesulfonate                               | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-27-SS-16<br>0-1<br>11/28/00 | 19-9-27-SS-16<br>6-8<br>11/28/00 | 19-9-28-SB-1<br>0-1<br>06/24/99 | 19-9-28-SB-1<br>6-8<br>12/01/97 | 19-9-28-SB-1<br>8-10<br>12/04/00 | 19-9-28-SB-2<br>0-1<br>06/24/99 |
|------------------------------------------------------|----------------------------------|----------------------------------|---------------------------------|---------------------------------|----------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                  |                                  |                                 |                                 |                                  |                                 |
| Fluoranthene                                         | 1.1                              | ND(0.41)                         | 1.0                             | 23                              | 2.1                              | 4.0                             |
| Fluorene                                             | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | 2.9                             | ND(0.56)                         | 0.50                            |
| Hexachlorobenzene                                    | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| Hexachlorobutadiene                                  | ND(0.86)                         | ND(0.83)                         | ND(2.0)                         | ND(2.7)                         | ND(1.1)                          | ND(2.0)                         |
| Hexachlorocyclopentadiene                            | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| Hexachloroethane                                     | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| Hexachlorophene                                      | ND(2.1)                          | ND(0.83)                         | ND(0.70)                        | ND(27)                          | ND(1.1)                          | ND(0.70)                        |
| Hexachloropropene                                    | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| Indeno(1,2,3-cd)pyrene                               | 0.84 J                           | ND(0.83)                         | 0.40                            | 5.6                             | ND(1.1)                          | 1.0                             |
| Isodrin                                              | ND(0.86)                         | ND(0.41)                         | ND(0.40)                        | NA                              | ND(0.56)                         | ND(0.40)                        |
| Isophorone                                           | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| Isosafrole                                           | ND(0.86)                         | ND(0.83)                         | ND(0.70)                        | ND(2.7)                         | ND(1.1)                          | ND(0.70)                        |
| Methapyrilene                                        | ND(2.2)                          | ND(2.1)                          | ND(2.0)                         | ND(2.7)                         | ND(2.9)                          | ND(2.0)                         |
| Methyl Methanesulfonate                              | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| Naphthalene                                          | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | 0.57                             | 0.40                            |
| Nitrobenzene                                         | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| N-Nitrosodiethylamine                                | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| N-Nitrosodimethylamine                               | ND(0.86)                         | ND(0.83)                         | ND(0.70)                        | ND(2.7)                         | ND(2.8)                          | ND(0.70)                        |
| N-Nitroso-di-n-butylamine                            | ND(0.86)                         | ND(0.83)                         | ND(0.70)                        | ND(2.7)                         | ND(1.1)                          | ND(0.70)                        |
| N-Nitroso-di-n-propylamine                           | ND(0.86)                         | ND(0.83)                         | ND(2.0)                         | ND(2.7)                         | ND(1.1)                          | ND(2.0)                         |
| N-Nitrosodiphenylamine                               | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| N-Nitrosomethylethylamine                            | ND(0.86)                         | ND(0.83)                         | ND(0.70)                        | ND(2.7)                         | ND(1.1)                          | ND(0.70)                        |
| N-Nitrosomorpholine                                  | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| N-Nitrosopiperidine                                  | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(13)                          | ND(0.56)                         | ND(0.40)                        |
| N-Nitrosopyrrolidine                                 | ND(0.86)                         | ND(0.83)                         | ND(0.70)                        | ND(2.7)                         | ND(1.1)                          | ND(0.70)                        |
| o,o,o-Triethylphosphorothioate                       | ND(0.86)                         | ND(0.41)                         | ND(0.40)                        | NA                              | ND(0.56)                         | ND(0.40)                        |
| o-Toluidine                                          | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| p-Dimethylaminoazobenzene                            | ND(2.2)                          | ND(2.1)                          | ND(2.0)                         | ND(2.7)                         | ND(2.9)                          | ND(2.0)                         |
| Pentachlorobenzene                                   | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| Pentachloroethane                                    | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| Pentachloronitrobenzene                              | ND(2.2)                          | ND(2.1)                          | ND(2.0)                         | ND(13)                          | ND(2.9)                          | ND(2.0)                         |
| Pentachlorophenol                                    | ND(2.2)                          | ND(2.1)                          | ND(2.0)                         | ND(13)                          | ND(2.9)                          | ND(2.0)                         |
| Phenacetin                                           | ND(2.2)                          | ND(2.1)                          | ND(2.0)                         | ND(2.7)                         | ND(2.9)                          | ND(2.0)                         |
| Phenanthrene                                         | 0.68                             | ND(0.41)                         | 0.60                            | 11                              | 1.4                              | 4.0                             |
| Phenol                                               | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| Pronamide                                            | ND(2.1)                          | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| Pyrene                                               | 1.0                              | ND(0.41)                         | 0.90                            | 19                              | 1.6                              | 3.0                             |
| Pyridine                                             | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| Safrole                                              | ND(0.43)                         | ND(0.41)                         | ND(0.40)                        | ND(2.7)                         | ND(0.56)                         | ND(0.40)                        |
| Sulfotep                                             | NA                               | NA                               | NA                              | NA                              | NA                               | NA                              |
| Thionazin                                            | ND(2.1)                          | ND(0.41)                         | ND(0.40)                        | NA                              | ND(0.56)                         | ND(0.40)                        |
| <b>Furans</b>                                        |                                  |                                  |                                 |                                 |                                  |                                 |
| 2,3,7,8-TCDF                                         | 0.000042                         | ND(0.00000098)                   | 0.000038                        | 0.000072                        | NA                               | 0.00016                         |
| TCDFs (total)                                        | 0.00022                          | ND(0.00000098)                   | 0.00015                         | 0.00015                         | NA                               | 0.0020                          |
| 1,2,3,7,8-PeCDF                                      | ND(0.000015) X                   | ND(0.0000010)                    | 0.000013                        | 0.000021                        | NA                               | 0.000013                        |
| 2,3,4,7,8-PeCDF                                      | 0.000014                         | ND(0.0000010)                    | 0.000013                        | 0.000017                        | NA                               | 0.000075                        |
| PeCDFs (total)                                       | 0.00018                          | ND(0.0000010)                    | 0.000098                        | 0.00013                         | NA                               | 0.0024                          |
| 1,2,3,4,7,8-HxCDF                                    | 0.000074 I                       | ND(0.00000073)                   | 0.000018                        | 0.000087                        | NA                               | 0.000048                        |
| 1,2,3,6,7,8-HxCDF                                    | ND(0.0000032)                    | ND(0.00000074)                   | 0.000097                        | 0.000023                        | NA                               | 0.00018                         |
| 1,2,3,7,8,9-HxCDF                                    | ND(0.0000042)                    | ND(0.00000094)                   | 0.0000058 J                     | 0.000093                        | NA                               | 0.000031                        |
| 2,3,4,6,7,8-HxCDF                                    | 0.000087                         | ND(0.00000074)                   | 0.000065                        | 0.000062                        | NA                               | 0.000088                        |
| HxCDFs (total)                                       | 0.00011                          | ND(0.00000074)                   | 0.00010                         | 0.00023                         | NA                               | 0.00052                         |
| 1,2,3,4,6,7,8-HpCDF                                  | 0.000047                         | ND(0.00000058)                   | 0.000043                        | 0.000027                        | NA                               | 0.000035                        |
| 1,2,3,4,7,8,9-HpCDF                                  | 0.000041                         | ND(0.00000080)                   | 0.000042                        | 0.000041                        | NA                               | 0.000011                        |
| HpCDFs (total)                                       | 0.000055                         | ND(0.00000058)                   | 0.000089                        | 0.00011                         | NA                               | 0.000071                        |
| OCDF                                                 | 0.000050                         | ND(0.00000012) X                 | 0.000048                        | 0.000027                        | NA                               | 0.000037                        |
| <b>Dioxins</b>                                       |                                  |                                  |                                 |                                 |                                  |                                 |
| 2,3,7,8-TCDD                                         | ND(0.0000038)                    | ND(0.00000013)                   | 0.0000077 J                     | ND(0.00000066)                  | NA                               | 0.0000051 J                     |
| TCDDs (total)                                        | 0.000063                         | ND(0.00000013)                   | 0.0000077                       | 0.0000066                       | NA                               | 0.000022                        |
| 1,2,3,7,8-PeCDD                                      | ND(0.0000013)                    | ND(0.00000022)                   | 0.000033                        | ND(0.00000066)                  | NA                               | 0.0011                          |
| PeCDDs (total)                                       | ND(0.0000013)                    | ND(0.00000022)                   | 0.000067                        | 0.0000060                       | NA                               | 0.000020                        |
| 1,2,3,4,7,8-HxCDD                                    | ND(0.00000083)                   | ND(0.00000011)                   | 0.000011 J                      | 0.000012 J                      | NA                               | 0.0000062 J                     |
| 1,2,3,6,7,8-HxCDD                                    | ND(0.0000015) X                  | ND(0.00000011)                   | 0.000046                        | 0.000023                        | NA                               | 0.000023 J                      |
| 1,2,3,7,8,9-HxCDD                                    | ND(0.00000078)                   | ND(0.00000011)                   | 0.000018 J                      | ND(0.0000016)                   | NA                               | 0.000070                        |
| HxCDDs (total)                                       | ND(0.00000079)                   | ND(0.00000011)                   | 0.000019                        | 0.000034                        | NA                               | 0.000016                        |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.000047                         | ND(0.00000025) X                 | 0.000037                        | 0.000083                        | NA                               | 0.000015                        |
| HpCDDs (total)                                       | 0.000086                         | ND(0.00000010)                   | 0.000067                        | 0.000015                        | NA                               | 0.000026                        |
| OCDD                                                 | 0.00023 B                        | ND(0.0000012) XB                 | 0.00023                         | 0.000044                        | NA                               | 0.00013                         |
| Total TEQs (WHO TEFs)                                | 0.000022                         | 0.00000024                       | 0.000020                        | 0.000031                        | NA                               | 0.0012                          |



**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Parameter         | Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | I9-9-27-SS-16<br>0-1<br>11/28/00 | I9-9-27-SS-16<br>6-8<br>11/28/00 | I9-9-28-SB-1<br>0-1<br>06/24/99 | I9-9-28-SB-1<br>6-8<br>12/01/97 | I9-9-28-SB-1<br>8-10<br>12/04/00 | I9-9-28-SB-2<br>0-1<br>06/24/99 |
|-------------------|------------------------------------------------------|----------------------------------|----------------------------------|---------------------------------|---------------------------------|----------------------------------|---------------------------------|
| <b>Inorganics</b> |                                                      |                                  |                                  |                                 |                                 |                                  |                                 |
| Aluminum          |                                                      | NA                               | NA                               | NA                              | NA                              | NA                               | NA                              |
| Antimony          |                                                      | ND(12.0)                         | ND(11.0)                         | ND(9.40)                        | 19.2                            | ND(15.0)                         | ND(9.30)                        |
| Arsenic           |                                                      | ND(19.0)                         | ND(18.0)                         | ND(15.6)                        | 51.3                            | ND(25.0)                         | ND(15.5)                        |
| Barium            |                                                      | 110                              | ND(37.0)                         | 75.1                            | 124                             | 74.0                             | 116                             |
| Beryllium         |                                                      | 0.280                            | 0.320                            | 0.300                           | 0.280                           | 0.440                            | 0.370                           |
| Cadmium           |                                                      | ND(1.90)                         | ND(1.80)                         | ND(1.60)                        | 26.0                            | ND(2.50)                         | 3.30                            |
| Calcium           |                                                      | NA                               | NA                               | NA                              | NA                              | NA                               | NA                              |
| Chromium          |                                                      | 12.0                             | 6.60                             | 19.6                            | 26.1                            | 11.0                             | 61.6                            |
| Cobalt            |                                                      | ND(9.70)                         | ND(9.30)                         | ND(7.80)                        | 4.20                            | ND(13.0)                         | 10.2                            |
| Copper            |                                                      | 56.0                             | ND(18.0)                         | 62.0                            | 860                             | 44.0                             | 46.3                            |
| Cyanide           |                                                      | ND(1.00)                         | ND(1.00)                         | ND(1.00)                        | ND(0.800)                       | NA                               | ND(1.00)                        |
| Iron              |                                                      | NA                               | NA                               | NA                              | NA                              | NA                               | NA                              |
| Lead              |                                                      | 420                              | 11.0                             | 145                             | 1220                            | 150                              | 3180                            |
| Magnesium         |                                                      | NA                               | NA                               | NA                              | NA                              | NA                               | NA                              |
| Manganese         |                                                      | NA                               | NA                               | NA                              | NA                              | NA                               | NA                              |
| Mercury           |                                                      | 0.720                            | ND(0.250)                        | 0.750                           | 6.20                            | ND(0.340)                        | 0.450                           |
| Nickel            |                                                      | 16.0                             | 13.0                             | 14.2                            | 41.1                            | 19.0                             | 21.2                            |
| Potassium         |                                                      | NA                               | NA                               | NA                              | NA                              | NA                               | NA                              |
| Selenium          |                                                      | ND(0.970)                        | ND(0.930)                        | ND(0.780)                       | ND(6.80)                        | ND(1.30)                         | ND(0.780)                       |
| Silver            |                                                      | ND(0.970)                        | ND(0.930)                        | ND(0.780)                       | 1.10                            | ND(1.30)                         | ND(0.780)                       |
| Sodium            |                                                      | NA                               | NA                               | NA                              | NA                              | NA                               | NA                              |
| Sulfide           |                                                      | ND(6.40)                         | 9.80                             | 21.9                            | 56.7                            | NA                               | 13.5                            |
| Thallium          |                                                      | ND(1.90)                         | ND(1.80)                         | ND(1.60)                        | ND(5.50)                        | ND(2.50)                         | ND(1.60)                        |
| Tin               |                                                      | ND(58.0)                         | ND(56.0)                         | ND(47.0)                        | 45.2                            | ND(76.0)                         | ND(46.6)                        |
| Vanadium          |                                                      | 11.0                             | ND(9.30)                         | 15.4                            | 12.0                            | ND(13.0)                         | 16.2                            |
| Zinc              |                                                      | 340                              | 36.0                             | 150                             | 484                             | 240                              | 3830                            |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-28-SB-2<br>6-8<br>12/01/97 | 19-9-28-SB-3<br>0-1<br>09/21/99 | 19-9-28-SB-3<br>2-4<br>12/01/97 | 19-9-28-SB-3<br>8-10<br>12/04/00 | 19-9-28-SB-8<br>2-4<br>09/21/99 | 19-9-28-SB-8<br>12-14<br>11/28/00 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------|---------------------------------|-----------------------------------|
| <b>Volatil Organic</b>                               |                                 |                                 |                                 |                                  |                                 |                                   |
| 1,1,1,2-Tetrachloroethane                            | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| 1,1,1-Trichloroethane                                | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| 1,1,2,2-Tetrachloroethane                            | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| 1,1,2-Trichloroethane                                | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| 1,1-Dichloroethane                                   | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| 1,1-Dichloroethene                                   | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| 1,2,3-Trichloropropane                               | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| 1,2-Dibromo-3-chloropropane                          | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| 1,2-Dibromoethane                                    | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| 1,2-Dichloroethane                                   | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| 1,2-Dichloropropane                                  | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| 1,4-Dioxane                                          | ND(0.45)                        | NA                              | ND(0.38)                        | ND(0.20)                         | NA                              | ND(0.21)                          |
| 2-Butanone                                           | NA                              | NA                              | NA                              | ND(0.10)                         | NA                              | ND(0.10)                          |
| 2-Chloro-1,3-butadiene                               | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| 2-Chloroethylvinylether                              | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| 2-Hexanone                                           | NA                              | NA                              | NA                              | ND(0.014)                        | NA                              | ND(0.021)                         |
| 3-Chloropropene                                      | NA                              | NA                              | NA                              | ND(0.014)                        | NA                              | ND(0.021)                         |
| 4-Methyl-2-pentanone                                 | NA                              | NA                              | NA                              | ND(0.014)                        | NA                              | ND(0.021)                         |
| Acetone                                              | NA                              | NA                              | NA                              | ND(0.10)                         | NA                              | ND(0.10)                          |
| Acetonitrile                                         | NA                              | NA                              | NA                              | ND(0.14)                         | NA                              | ND(0.21)                          |
| Acrolein                                             | NA                              | NA                              | NA                              | ND(0.14)                         | NA                              | ND(0.21)                          |
| Acrylonitrile                                        | NA                              | NA                              | NA                              | ND(0.014)                        | NA                              | ND(0.021)                         |
| Benzene                                              | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| Bromodichloromethane                                 | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| Bromoform                                            | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| Bromomethane                                         | NA                              | NA                              | NA                              | ND(0.014)                        | NA                              | ND(0.021)                         |
| Carbon Disulfide                                     | NA                              | NA                              | NA                              | ND(0.010)                        | NA                              | ND(0.010)                         |
| Carbon Tetrachloride                                 | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| Chlorobenzene                                        | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| Chloroethane                                         | NA                              | NA                              | NA                              | ND(0.014)                        | NA                              | ND(0.021)                         |
| Chloroform                                           | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| Chloromethane                                        | NA                              | NA                              | NA                              | ND(0.014)                        | NA                              | ND(0.021)                         |
| cis-1,3-Dichloropropene                              | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| Dibromochloromethane                                 | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| Dibromomethane                                       | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| Dichlorodifluoromethane                              | NA                              | NA                              | NA                              | ND(0.014)                        | NA                              | ND(0.021)                         |
| Ethyl Methacrylate                                   | NA                              | NA                              | NA                              | ND(0.014)                        | NA                              | ND(0.021)                         |
| Ethylbenzene                                         | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| Iodomethane                                          | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| Isobutanol                                           | NA                              | NA                              | NA                              | ND(0.27)                         | NA                              | ND(0.42)                          |
| Methacrylonitrile                                    | NA                              | NA                              | NA                              | ND(0.014)                        | NA                              | ND(0.021)                         |
| Methyl Methacrylate                                  | ND(0.45)                        | NA                              | ND(0.38)                        | ND(0.014)                        | NA                              | ND(0.021)                         |
| Methylene Chloride                                   | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| Propionitrile                                        | NA                              | NA                              | NA                              | ND(0.068)                        | NA                              | ND(0.10)                          |
| Styrene                                              | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| Tetrachloroethene                                    | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| Toluene                                              | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| trans-1,2-Dichloroethene                             | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| trans-1,3-Dichloropropene                            | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| trans-1,4-Dichloro-2-butene                          | NA                              | NA                              | NA                              | ND(0.014)                        | NA                              | ND(0.021)                         |
| Trichloroethene                                      | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| Trichlorofluoromethane                               | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| Vinyl Acetate                                        | NA                              | NA                              | NA                              | ND(0.014)                        | NA                              | ND(0.021)                         |
| Vinyl Chloride                                       | NA                              | NA                              | NA                              | ND(0.014)                        | NA                              | ND(0.021)                         |
| Xylenes (total)                                      | NA                              | NA                              | NA                              | ND(0.0068)                       | NA                              | ND(0.010)                         |
| <b>Semivolatil Organic</b>                           |                                 |                                 |                                 |                                  |                                 |                                   |
| 1,2,4,5-Tetrachlorobenzene                           | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.45)                         | ND(0.79)                        | ND(0.70)                          |
| 1,2,4-Trichlorobenzene                               | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| 1,2-Dichlorobenzene                                  | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| 1,2-Diphenylhydrazine                                | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| 1,3,5-Trinitrobenzene                                | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.92)                         | ND(0.79)                        | ND(1.4)                           |
| 1,3-Dichlorobenzene                                  | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| 1,3-Dinitrobenzene                                   | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(2.3)                          | ND(0.79)                        | ND(3.6)                           |
| 1,4-Dichlorobenzene                                  | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| 1,4-Naphthoquinone                                   | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(2.3)                          | ND(0.79)                        | ND(3.6)                           |
| 1-Naphthylamine                                      | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(2.3)                          | ND(0.79)                        | ND(3.6)                           |
| 2,3,4,6-Tetrachlorophenol                            | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.45)                         | ND(0.79)                        | ND(0.70)                          |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-28-SB-2<br>6-8<br>12/01/97 | 19-9-28-SB-3<br>0-1<br>09/21/99 | 19-9-28-SB-3<br>2-4<br>12/01/97 | 19-9-28-SB-3<br>8-10<br>12/04/00 | 19-9-28-SB-8<br>2-4<br>09/21/99 | 19-9-28-SB-8<br>12-14<br>11/28/00 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------|---------------------------------|-----------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                 |                                 |                                 |                                  |                                 |                                   |
| 2,4,5-Trichlorophenol                                | ND(2.2)                         | ND(0.80)                        | ND(1.9)                         | ND(0.45)                         | ND(0.79)                        | ND(0.70)                          |
| 2,4,6-Trichlorophenol                                | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.45)                         | ND(0.79)                        | ND(0.70)                          |
| 2,4-Dichlorophenol                                   | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.45)                         | ND(0.79)                        | ND(0.70)                          |
| 2,4-Dimethylphenol                                   | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.45)                         | ND(0.79)                        | ND(0.70)                          |
| 2,4-Dinitrophenol                                    | ND(2.2)                         | ND(3.6)                         | ND(1.9)                         | ND(2.3)                          | ND(3.5)                         | ND(3.6)                           |
| 2,4-Dinitrotoluene                                   | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(2.3)                          | ND(0.39)                        | ND(3.6)                           |
| 2,6-Dichlorophenol                                   | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.45)                         | ND(0.79)                        | ND(0.70)                          |
| 2,6-Dinitrotoluene                                   | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| 2-Acetylaminofluorene                                | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.92)                         | ND(0.79)                        | ND(1.4)                           |
| 2-Chloronaphthalene                                  | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| 2-Chlorophenol                                       | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.45)                         | ND(0.79)                        | ND(0.70)                          |
| 2-Methylnaphthalene                                  | 0.22 J                          | ND(0.79)                        | 0.36 J                          | ND(0.45)                         | ND(0.78)                        | ND(0.70)                          |
| 2-Methylphenol                                       | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| 2-Naphthylamine                                      | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(2.3)                          | ND(0.79)                        | ND(3.6)                           |
| 2-Nitroaniline                                       | ND(2.2)                         | ND(1.5)                         | ND(1.9)                         | ND(2.3)                          | ND(1.5)                         | ND(3.6)                           |
| 2-Nitrophenol                                        | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.92)                         | ND(0.79)                        | ND(1.4)                           |
| 2-Picoline                                           | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.45)                         | ND(0.79)                        | ND(0.70)                          |
| 3&4-Methylphenol                                     | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.92)                         | ND(0.79)                        | ND(1.4)                           |
| 3,3'-Dichlorobenzidine                               | ND(0.89)                        | ND(0.39)                        | ND(0.76)                        | ND(2.3)                          | ND(0.39)                        | ND(3.6)                           |
| 3,3'-Dimethylbenzidine                               | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(2.3)                          | ND(0.39)                        | ND(3.6)                           |
| 3-Methylcholanthrene                                 | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.92)                         | ND(0.79)                        | ND(1.4)                           |
| 3-Nitroaniline                                       | ND(2.2)                         | ND(1.5)                         | ND(1.9)                         | ND(2.3)                          | ND(1.5)                         | ND(3.6)                           |
| 4,6-Dinitro-2-methylphenol                           | ND(2.2)                         | ND(3.9)                         | ND(1.9)                         | ND(0.45)                         | ND(3.9)                         | ND(0.70)                          |
| 4-Aminobiphenyl                                      | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.92)                         | ND(0.79)                        | ND(1.4)                           |
| 4-Bromophenyl-phenylether                            | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| 4-Chloro-3-Methylphenol                              | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.45)                         | ND(0.79)                        | ND(0.70)                          |
| 4-Chloroaniline                                      | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.92)                         | ND(0.39)                        | ND(1.4)                           |
| 4-Chlorobenzilate                                    | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(2.3)                          | ND(0.79)                        | ND(3.6)                           |
| 4-Chlorophenyl-phenylether                           | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| 4-Nitroaniline                                       | ND(2.2)                         | ND(3.9)                         | ND(1.9)                         | ND(2.3)                          | ND(3.9)                         | ND(3.6)                           |
| 4-Nitrophenol                                        | ND(2.2)                         | ND(3.9)                         | ND(1.9)                         | ND(2.3)                          | ND(3.9)                         | ND(3.6)                           |
| 4-Nitroquinoline-1-oxide                             | ND(0.89)                        | ND(0.80)                        | ND(0.76)                        | ND(2.3)                          | ND(0.79)                        | ND(3.6)                           |
| 4-Phenylenediamine                                   | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(2.3)                          | ND(0.79)                        | ND(3.6)                           |
| 5-Nitro-o-toluidine                                  | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(2.3)                          | ND(0.79)                        | ND(3.6)                           |
| 7,12-Dimethylbenz(a)anthracene                       | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.92)                         | ND(0.79)                        | ND(1.4)                           |
| a,a'-Dimethylphenethylamine                          | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(2.3)                          | ND(0.79)                        | ND(3.6)                           |
| Acenaphthene                                         | ND(0.45)                        | ND(0.39)                        | 1.0                             | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| Acenaphthylene                                       | ND(0.45)                        | ND(0.39)                        | 0.12 J                          | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| Acetophenone                                         | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.45)                         | ND(0.79)                        | ND(0.70)                          |
| Aniline                                              | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| Anthracene                                           | ND(0.45)                        | 0.10 J                          | 2.4                             | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| Aramite                                              | ND(0.89)                        | ND(0.80)                        | ND(0.76)                        | ND(0.92)                         | ND(0.79)                        | ND(1.4)                           |
| Benzidine                                            | ND(4.5)                         | ND(0.39)                        | ND(3.8)                         | ND(0.92)                         | ND(0.39)                        | ND(1.4)                           |
| Benzo(a)anthracene                                   | 0.066 J                         | 0.44                            | 4.2                             | ND(0.45)                         | 0.22 J                          | ND(0.70)                          |
| Benzo(a)pyrene                                       | ND(0.45)                        | 0.63                            | 3.4                             | ND(0.45)                         | 0.39                            | 0.41 J                            |
| Benzo(b)fluoranthene                                 | 0.066 J                         | 0.63                            | 2.8                             | ND(0.44)                         | 0.45                            | 0.43 J                            |
| Benzo(g,h,i)perylene                                 | ND(0.45)                        | 0.29 J                          | 1.8                             | ND(0.45)                         | 0.31 J                          | 0.60 J                            |
| Benzo(k)fluoranthene                                 | 0.062 J                         | 0.57                            | 3.0                             | ND(0.45)                         | 0.33 J                          | 0.38 J                            |
| Benzoic Acid                                         | ND(2.2)                         | NA                              | ND(1.9)                         | NA                               | NA                              | NA                                |
| Benzyl Alcohol                                       | ND(0.45)                        | ND(1.5)                         | ND(0.38)                        | ND(0.92)                         | ND(1.5)                         | ND(1.4)                           |
| bis(2-Chloroethoxy)methane                           | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| bis(2-Chloroethyl)ether                              | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| bis(2-Chloroisopropyl)ether                          | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| bis(2-Ethylhexyl)phthalate                           | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.45)                         | 0.18 J                          | ND(0.70)                          |
| Butylbenzylphthalate                                 | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.92)                         | ND(0.39)                        | ND(1.4)                           |
| Chrysene                                             | 0.098 J                         | 0.52                            | 4.2                             | ND(0.45)                         | 0.28 J                          | ND(0.70)                          |
| Diallate                                             | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.92)                         | ND(0.79)                        | ND(1.4)                           |
| Dibenzo(a,h)anthracene                               | ND(0.45)                        | 0.13 J                          | 0.82                            | ND(0.92)                         | 0.13 J                          | ND(1.4)                           |
| Dibenzofuran                                         | ND(0.45)                        | ND(0.80)                        | 0.92                            | ND(0.45)                         | ND(0.79)                        | ND(0.70)                          |
| Diethylphthalate                                     | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| Dimethylphthalate                                    | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| Di-n-Butylphthalate                                  | ND(0.45)                        | 0.11 J                          | ND(0.38)                        | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| Di-n-Octylphthalate                                  | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| Dinoseb                                              | ND(2.2)                         | NA                              | ND(1.9)                         | NA                               | NA                              | NA                                |
| Diphenylamine                                        | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.45)                         | ND(0.79)                        | ND(0.70)                          |
| Ethyl Methacrylate                                   | ND(0.45)                        | NA                              | ND(0.38)                        | NA                               | NA                              | NA                                |
| Ethyl Methanesulfonate                               | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.45)                         | ND(0.79)                        | ND(0.70)                          |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-28-SB-2<br>6-8<br>12/01/97 | 19-9-28-SB-3<br>0-1<br>09/21/99 | 19-9-28-SB-3<br>2-4<br>12/01/97 | 19-9-28-SB-3<br>8-10<br>12/04/00 | 19-9-28-SB-8<br>2-4<br>09/21/99 | 19-9-28-SB-8<br>12-14<br>11/28/00 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------|---------------------------------|-----------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                 |                                 |                                 |                                  |                                 |                                   |
| Fluoranthene                                         | 0.081 J                         | 0.90                            | 10 D                            | ND(0.45)                         | 0.29 J                          | 0.67 J                            |
| Fluorene                                             | ND(0.45)                        | ND(0.39)                        | 1.3                             | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| Hexachlorobenzene                                    | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| Hexachlorobutadiene                                  | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.92)                         | ND(0.39)                        | ND(1.4)                           |
| Hexachlorocyclopentadiene                            | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| Hexachloroethane                                     | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| Hexachlorophene                                      | ND(4.5)                         | ND(0.80)                        | ND(3.8)                         | ND(0.92)                         | ND(0.79)                        | ND(1.4)                           |
| Hexachloropropene                                    | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.45)                         | ND(0.79)                        | ND(0.70)                          |
| Indeno(1,2,3-cd)pyrene                               | ND(0.45)                        | 0.32 J                          | 1.8                             | ND(0.92)                         | 0.31 J                          | ND(1.4)                           |
| Isodrin                                              | NA                              | ND(0.80)                        | NA                              | ND(0.45)                         | ND(0.79)                        | ND(0.70)                          |
| Isophorone                                           | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| Isosafrole                                           | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.92)                         | ND(0.79)                        | ND(1.4)                           |
| Methapyriene                                         | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(2.3)                          | ND(0.79)                        | ND(3.6)                           |
| Methyl Methanesulfonate                              | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.45)                         | ND(0.79)                        | ND(0.70)                          |
| Naphthalene                                          | 0.41 J                          | ND(0.39)                        | 0.88                            | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| Nitrobenzene                                         | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| N-Nitrosodiethylamine                                | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| N-Nitrosodimethylamine                               | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.92)                         | ND(0.39)                        | ND(1.4)                           |
| N-Nitroso-di-n-butylamine                            | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.92)                         | ND(0.79)                        | ND(1.4)                           |
| N-Nitroso-di-n-propylamine                           | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.92)                         | ND(0.39)                        | ND(1.4)                           |
| N-Nitrosodiphenylamine                               | ND(0.45)                        | ND(0.39)                        | ND(0.38)                        | ND(0.45)                         | ND(0.39)                        | ND(0.70)                          |
| N-Nitrosomethylethylamine                            | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.92)                         | ND(0.79)                        | ND(1.4)                           |
| N-Nitrosomorpholine                                  | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.45)                         | ND(0.79)                        | ND(0.70)                          |
| N-Nitrosopiperidine                                  | ND(2.2)                         | ND(0.80)                        | ND(1.9)                         | ND(0.45)                         | ND(0.79)                        | ND(0.70)                          |
| N-Nitrosopyrrolidine                                 | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.92)                         | ND(0.79)                        | ND(1.4)                           |
| o,o,o-Triethylphosphorothioate                       | NA                              | ND(0.80)                        | NA                              | ND(0.45)                         | ND(0.79)                        | ND(0.70)                          |
| o-Toluidine                                          | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.45)                         | ND(0.79)                        | ND(0.70)                          |
| p-Dimethylaminoazobenzene                            | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(2.3)                          | ND(0.79)                        | ND(3.6)                           |
| Pentachlorobenzene                                   | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.45)                         | ND(0.79)                        | ND(0.70)                          |
| Pentachloroethane                                    | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.45)                         | ND(0.79)                        | ND(0.70)                          |
| Pentachloronitrobenzene                              | ND(2.2)                         | ND(0.80)                        | ND(1.9)                         | ND(2.3)                          | ND(0.79)                        | ND(3.6)                           |
| Pentachlorophenol                                    | ND(2.2)                         | ND(3.9)                         | ND(1.9)                         | ND(2.3)                          | ND(3.9)                         | ND(3.6)                           |
| Phenacetin                                           | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(2.3)                          | ND(0.79)                        | ND(3.6)                           |
| Phenanthrene                                         | 0.085 J                         | 0.57                            | 9.9 D                           | ND(0.45)                         | 0.14 J                          | 0.36 J                            |
| Phenol                                               | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.45)                         | ND(0.79)                        | ND(0.70)                          |
| Pronamide                                            | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.45)                         | ND(0.79)                        | ND(0.70)                          |
| Pyrene                                               | 0.093 J                         | 0.73                            | 6.0                             | ND(0.45)                         | 0.26 J                          | 0.57 J                            |
| Pyridine                                             | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.45)                         | ND(0.79)                        | ND(0.70)                          |
| Safrole                                              | ND(0.45)                        | ND(0.80)                        | ND(0.38)                        | ND(0.45)                         | ND(0.79)                        | ND(0.70)                          |
| Sulfotep                                             | NA                              | NA                              | NA                              | NA                               | NA                              | NA                                |
| Thionazin                                            | NA                              | ND(0.80)                        | NA                              | ND(0.45)                         | ND(0.79)                        | ND(0.70)                          |
| <b>Furans</b>                                        |                                 |                                 |                                 |                                  |                                 |                                   |
| 2,3,7,8-TCDF                                         | 0.000010                        | 0.000045                        | 0.000020                        | ND(0.0000013)                    | 0.000018                        | ND(0.0000034)                     |
| TCDFs (total)                                        | 0.000045                        | 0.00025                         | 0.000085                        | ND(0.0000013)                    | 0.000085                        | ND(0.0000034)                     |
| 1,2,3,7,8-PeCDF                                      | 0.000022                        | 0.000015                        | 0.000071                        | ND(0.0000014)                    | 0.000064 J                      | ND(0.0000025)                     |
| 2,3,4,7,8-PeCDF                                      | 0.000039                        | 0.000014                        | 0.000077                        | ND(0.0000014)                    | 0.000010 J                      | ND(0.0000024)                     |
| PeCDFs (total)                                       | 0.000032                        | 0.000015                        | 0.000099                        | ND(0.0000014)                    | 0.000073                        | ND(0.0000024)                     |
| 1,2,3,4,7,8-HxCDF                                    | 0.000052                        | 0.000024                        | 0.000014                        | ND(0.0000010)                    | 0.000015                        | 0.0000071                         |
| 1,2,3,6,7,8-HxCDF                                    | 0.000017 J                      | 0.000081 J                      | 0.000055                        | ND(0.0000010)                    | 0.000050 J                      | ND(0.0000023)                     |
| 1,2,3,7,8,9-HxCDF                                    | 0.0000034 J                     | ND(0.000027)                    | ND(0.000015)                    | ND(0.0000013)                    | ND(0.000017)                    | ND(0.0000029)                     |
| 2,3,4,6,7,8-HxCDF                                    | 0.000014 J                      | 0.000097 J                      | 0.000045                        | ND(0.0000010)                    | 0.000074 J                      | ND(0.0000023)                     |
| HxCDFs (total)                                       | 0.000014                        | 0.00013                         | 0.00011                         | ND(0.0000010)                    | 0.000044                        | 0.000014                          |
| 1,2,3,4,6,7,8-HpCDF                                  | 0.000060                        | 0.000034                        | 0.000020                        | ND(0.00000086)                   | 0.000026                        | ND(0.0000012) X                   |
| 1,2,3,4,7,8,9-HpCDF                                  | 0.000015 J                      | 0.000071 J                      | 0.000036                        | ND(0.0000012)                    | 0.000029 J                      | ND(0.0000024)                     |
| HpCDFs (total)                                       | 0.000099                        | 0.000073                        | 0.000043                        | ND(0.00000086)                   | 0.000041                        | ND(0.0000017)                     |
| OCDF                                                 | 0.000073                        | 0.000040                        | 0.000022                        | ND(0.00000074)                   | 0.000012 J                      | 0.000014                          |
| <b>Dioxins</b>                                       |                                 |                                 |                                 |                                  |                                 |                                   |
| 2,3,7,8-TCDD                                         | 0.0000069                       | ND(0.000019)                    | ND(0.0000059)                   | ND(0.0000017)                    | ND(0.000010)                    | ND(0.0000040)                     |
| TCDDs (total)                                        | 0.0000069                       | 0.000020                        | 0.0000059                       | ND(0.0000017)                    | 0.000017 J                      | ND(0.0000040)                     |
| 1,2,3,7,8-PeCDD                                      | ND(0.0000069)                   | ND(0.000026)                    | 0.0000045 J                     | ND(0.0000021)                    | ND(0.000016)                    | ND(0.0000056)                     |
| PeCDDs (total)                                       | 0.0000069                       | 0.000094 J                      | 0.0000045                       | ND(0.0000021)                    | ND(0.000016)                    | ND(0.0000056)                     |
| 1,2,3,4,7,8-HxCDD                                    | ND(0.000017)                    | ND(0.000013)                    | ND(0.000015)                    | ND(0.0000015)                    | ND(0.0000048)                   | ND(0.0000030)                     |
| 1,2,3,6,7,8-HxCDD                                    | ND(0.000017)                    | ND(0.000016)                    | 0.0000071 J                     | ND(0.0000014)                    | ND(0.0000059)                   | ND(0.0000028)                     |
| 1,2,3,7,8,9-HxCDD                                    | ND(0.000017)                    | ND(0.000015)                    | ND(0.000015)                    | ND(0.0000014)                    | ND(0.0000053)                   | ND(0.0000028)                     |
| HxCDDs (total)                                       | 0.000063                        | ND(0.000016)                    | 0.000047                        | ND(0.0000014)                    | 0.000068 J                      | 0.0000066                         |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.000057                        | ND(0.000040)                    | 0.000011                        | ND(0.0000013)                    | 0.000010 J                      | ND(0.0000058) X                   |
| HpCDDs (total)                                       | 0.000015                        | ND(0.000040)                    | 0.000019                        | ND(0.0000013)                    | 0.000029                        | ND(0.0000032)                     |
| OCDD                                                 | 0.00065                         | 0.00022                         | 0.000062                        | 0.000011 B                       | 0.00042                         | 0.000051                          |
| Total TEQs (WHO TEFs)                                | 0.000055                        | 0.000020                        | 0.000010                        | 0.0000028                        | 0.000012                        | 0.0000073                         |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Parameter         | Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | I9-9-28-SB-2<br>6-8<br>12/01/97 | I9-9-28-SB-3<br>0-1<br>09/21/99 | I9-9-28-SB-3<br>2-4<br>12/01/97 | I9-9-28-SB-3<br>8-10<br>12/04/00 | I9-9-28-SB-8<br>2-4<br>09/21/99 | I9-9-28-SB-8<br>12-14<br>11/28/00 |
|-------------------|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------|---------------------------------|-----------------------------------|
| <b>Inorganics</b> |                                                      |                                 |                                 |                                 |                                  |                                 |                                   |
| Aluminum          |                                                      | NA                              | NA                              | NA                              | NA                               | NA                              | NA                                |
| Antimony          |                                                      | ND(8.00)                        | ND(8.18)                        | 3.80                            | ND(12.0)                         | ND(7.19)                        | ND(19.0)                          |
| Arsenic           |                                                      | 17.9                            | 15.0                            | 8.20                            | ND(20.0)                         | 27.8                            | ND(32.0)                          |
| Barium            |                                                      | 64.4                            | 84.0                            | 49.7                            | ND(41.0)                         | 167                             | 64.0                              |
| Beryllium         |                                                      | 0.260                           | ND(0.679)                       | 0.160                           | 0.380                            | ND(0.601)                       | ND(0.320)                         |
| Cadmium           |                                                      | ND(1.00)                        | 0.988                           | ND(0.420)                       | ND(2.00)                         | ND(0.601)                       | ND(3.20)                          |
| Calcium           |                                                      | NA                              | NA                              | NA                              | NA                               | NA                              | NA                                |
| Chromium          |                                                      | 21.6                            | 44.6                            | 5.50                            | 9.10                             | 58.6                            | ND(8.40)                          |
| Cobalt            |                                                      | 10.6                            | 10.4                            | 5.00                            | 12.0                             | 12.6                            | ND(16.0)                          |
| Copper            |                                                      | 5450                            | 425                             | 34.4                            | 31.0                             | 379                             | ND(32.0)                          |
| Cyanide           |                                                      | ND(0.670)                       | NA                              | ND(0.570)                       | ND(1.00)                         | NA                              | ND(1.00)                          |
| Iron              |                                                      | NA                              | NA                              | NA                              | NA                               | NA                              | NA                                |
| Lead              |                                                      | 325                             | 217                             | 97.0                            | 15.0                             | 428                             | 300                               |
| Magnesium         |                                                      | NA                              | NA                              | NA                              | NA                               | NA                              | NA                                |
| Manganese         |                                                      | NA                              | NA                              | NA                              | NA                               | NA                              | NA                                |
| Mercury           |                                                      | 0.0400                          | 0.419                           | 0.700                           | ND(0.270)                        | 0.206                           | 0.460                             |
| Nickel            |                                                      | 161                             | 76.5                            | 7.60                            | 18.0                             | 72.6                            | ND(13.0)                          |
| Potassium         |                                                      | NA                              | NA                              | NA                              | NA                               | NA                              | NA                                |
| Selenium          |                                                      | 16.9                            | ND(0.679)                       | ND(4.70)                        | ND(1.00)                         | 1.00                            | ND(1.60)                          |
| Silver            |                                                      | ND(1.30)                        | ND(1.42)                        | ND(0.550)                       | ND(1.00)                         | ND(1.37)                        | ND(1.60)                          |
| Sodium            |                                                      | NA                              | NA                              | NA                              | NA                               | NA                              | NA                                |
| Sulfide           |                                                      | 154                             | NA                              | 4.30                            | ND(6.80)                         | NA                              | 540                               |
| Thallium          |                                                      | ND(9.20)                        | ND(6.81)                        | 5.90                            | ND(2.00)                         | ND(5.99)                        | ND(3.20)                          |
| Tin               |                                                      | 241                             | ND(68.1)                        | 5.00                            | ND(62.0)                         | ND(59.9)                        | 320                               |
| Vanadium          |                                                      | 31.6                            | 24.2                            | 7.00                            | ND(10.0)                         | 61.1                            | ND(16.0)                          |
| Zinc              |                                                      | 506                             | 283                             | 67.1                            | 47.0                             | 343                             | 160                               |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Parameter                    | Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-28-SB-9<br>0-1<br>09/21/99 | 19-9-28-SB-9<br>2-4<br>09/21/99 | 19-9-28-SS-1/SB-4<br>0-1<br>12/04/00 | 19-9-28-SS-1/SB-4<br>2-4<br>12/04/00 | 19-9-28-SS-1/SB-4<br>6-8<br>12/04/00 |
|------------------------------|------------------------------------------------------|---------------------------------|---------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| <b>Volatile Organics</b>     |                                                      |                                 |                                 |                                      |                                      |                                      |
| 1,1,1,2-Tetrachloroethane    |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| 1,1,1-Trichloroethane        |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| 1,1,2,2-Tetrachloroethane    |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| 1,1,2-Trichloroethane        |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| 1,1-Dichloroethane           |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| 1,1-Dichloroethene           |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| 1,2,3-Trichloropropane       |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| 1,2-Dibromo-3-chloropropane  |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| 1,2-Dibromoethane            |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| 1,2-Dichloroethane           |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| 1,2-Dichloropropane          |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| 1,4-Dioxane                  |                                                      | NA                              | NA                              | ND(0.20)                             | ND(0.20)                             | ND(0.20)                             |
| 2-Butanone                   |                                                      | NA                              | NA                              | ND(0.10)                             | ND(0.10)                             | ND(0.10)                             |
| 2-Chloro-1,3-butadiene       |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| 2-Chloroethylvinylether      |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| 2-Hexanone                   |                                                      | NA                              | NA                              | ND(0.013)                            | ND(0.013)                            | ND(0.013)                            |
| 3-Chloropropene              |                                                      | NA                              | NA                              | ND(0.013)                            | ND(0.013)                            | ND(0.013)                            |
| 4-Methyl-2-pentanone         |                                                      | NA                              | NA                              | ND(0.013)                            | ND(0.013)                            | ND(0.013)                            |
| Acetone                      |                                                      | NA                              | NA                              | ND(0.10)                             | ND(0.10)                             | ND(0.10)                             |
| Acetonitrile                 |                                                      | NA                              | NA                              | ND(0.13)                             | ND(0.13)                             | ND(0.13)                             |
| Acrolein                     |                                                      | NA                              | NA                              | ND(0.13)                             | ND(0.13)                             | ND(0.13)                             |
| Acrylonitrile                |                                                      | NA                              | NA                              | ND(0.013)                            | ND(0.013)                            | ND(0.013)                            |
| Benzene                      |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| Bromodichloromethane         |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| Bromoform                    |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| Bromomethane                 |                                                      | NA                              | NA                              | ND(0.013)                            | ND(0.013)                            | ND(0.013)                            |
| Carbon Disulfide             |                                                      | NA                              | NA                              | ND(0.010)                            | ND(0.010)                            | ND(0.010)                            |
| Carbon Tetrachloride         |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| Chlorobenzene                |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| Chloroethane                 |                                                      | NA                              | NA                              | ND(0.013)                            | ND(0.013)                            | ND(0.013)                            |
| Chloroform                   |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| Chloromethane                |                                                      | NA                              | NA                              | ND(0.013)                            | ND(0.013)                            | ND(0.013)                            |
| cis-1,3-Dichloropropene      |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| Dibromochloromethane         |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| Dibromomethane               |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| Dichlorodifluoromethane      |                                                      | NA                              | NA                              | ND(0.013)                            | ND(0.013)                            | ND(0.013)                            |
| Ethyl Methacrylate           |                                                      | NA                              | NA                              | ND(0.013)                            | ND(0.013)                            | ND(0.013)                            |
| Ethylbenzene                 |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| Iodomethane                  |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| Isobutanol                   |                                                      | NA                              | NA                              | ND(0.27)                             | ND(0.27)                             | ND(0.26)                             |
| Methacrylonitrile            |                                                      | NA                              | NA                              | ND(0.013)                            | ND(0.013)                            | ND(0.013)                            |
| Methyl Methacrylate          |                                                      | NA                              | NA                              | ND(0.013)                            | ND(0.013)                            | ND(0.013)                            |
| Methylene Chloride           |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| Propionitrile                |                                                      | NA                              | NA                              | ND(0.067)                            | ND(0.066)                            | ND(0.065)                            |
| Styrene                      |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| Tetrachloroethene            |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| Toluene                      |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| trans-1,2-Dichloroethene     |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| trans-1,3-Dichloropropene    |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| trans-1,4-Dichloro-2-butene  |                                                      | NA                              | NA                              | ND(0.013)                            | ND(0.013)                            | ND(0.013)                            |
| Trichloroethene              |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| Trichlorofluoromethane       |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| Vinyl Acetate                |                                                      | NA                              | NA                              | ND(0.013)                            | ND(0.013)                            | ND(0.013)                            |
| Vinyl Chloride               |                                                      | NA                              | NA                              | ND(0.013)                            | ND(0.013)                            | ND(0.013)                            |
| Xylenes (total)              |                                                      | NA                              | NA                              | ND(0.0067)                           | ND(0.0066)                           | ND(0.0065)                           |
| <b>Semivolatile Organics</b> |                                                      |                                 |                                 |                                      |                                      |                                      |
| 1,2,4,5-Tetrachlorobenzene   |                                                      | ND(7.8)                         | ND(1.5)                         | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| 1,2,4-Trichlorobenzene       |                                                      | ND(3.9)                         | ND(0.75)                        | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| 1,2-Dichlorobenzene          |                                                      | ND(3.9)                         | ND(0.75)                        | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| 1,2-Diphenylhydrazine        |                                                      | ND(3.9)                         | ND(0.75)                        | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| 1,3,5-Trinitrobenzene        |                                                      | ND(7.8)                         | ND(1.5)                         | ND(0.89)                             | ND(0.89)                             | ND(0.87)                             |
| 1,3-Dichlorobenzene          |                                                      | ND(3.9)                         | ND(0.75)                        | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| 1,3-Dinitrobenzene           |                                                      | ND(7.8)                         | ND(1.5)                         | ND(2.3)                              | ND(2.3)                              | ND(2.2)                              |
| 1,4-Dichlorobenzene          |                                                      | ND(3.9)                         | ND(0.75)                        | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| 1,4-Naphthoquinone           |                                                      | ND(7.8)                         | ND(1.5)                         | ND(2.3)                              | ND(2.3)                              | ND(2.2)                              |
| 1-Naphthylamine              |                                                      | ND(7.8)                         | ND(1.5)                         | ND(2.3)                              | ND(2.3)                              | ND(2.2)                              |
| 2,3,4,6-Tetrachlorophenol    |                                                      | ND(7.8)                         | ND(1.5)                         | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Parameter                                | Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-28-SB-9<br>0-1<br>09/21/99 | 19-9-28-SB-9<br>2-4<br>09/21/99 | 19-9-28-SS-1/SB-4<br>0-1<br>12/04/00 | 19-9-28-SS-1/SB-4<br>2-4<br>12/04/00 | 19-9-28-SS-1/SB-4<br>6-8<br>12/04/00 |
|------------------------------------------|------------------------------------------------------|---------------------------------|---------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| <b>Semivolatile Organics (continued)</b> |                                                      |                                 |                                 |                                      |                                      |                                      |
| 2,4,5-Trichlorophenol                    |                                                      | ND(7.8)                         | ND(1.5)                         | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| 2,4,6-Trichlorophenol                    |                                                      | ND(7.8)                         | ND(1.5)                         | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| 2,4-Dichlorophenol                       |                                                      | ND(7.8)                         | ND(1.5)                         | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| 2,4-Dimethylphenol                       |                                                      | ND(7.8)                         | ND(1.5)                         | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| 2,4-Dinitrophenol                        |                                                      | ND(35)                          | ND(6.9)                         | ND(2.3)                              | ND(2.3)                              | ND(2.2)                              |
| 2,4-Dinitrotoluene                       |                                                      | ND(3.9)                         | ND(0.75)                        | ND(2.3)                              | ND(2.3)                              | ND(2.2)                              |
| 2,6-Dichlorophenol                       |                                                      | ND(7.8)                         | ND(1.5)                         | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| 2,6-Dinitrotoluene                       |                                                      | ND(3.9)                         | ND(0.75)                        | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| 2-Acetylaminofluorene                    |                                                      | ND(7.8)                         | ND(1.5)                         | ND(0.89)                             | ND(0.89)                             | ND(0.87)                             |
| 2-Chloronaphthalene                      |                                                      | ND(3.9)                         | ND(0.75)                        | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| 2-Chlorophenol                           |                                                      | ND(7.8)                         | ND(1.5)                         | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| 2-Methylnaphthalene                      |                                                      | ND(7.7)                         | 0.16 J                          | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| 2-Methylphenol                           |                                                      | ND(3.9)                         | ND(0.75)                        | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| 2-Naphthylamine                          |                                                      | ND(7.8)                         | ND(1.5)                         | ND(2.3)                              | ND(2.3)                              | ND(2.2)                              |
| 2-Nitroaniline                           |                                                      | ND(15)                          | ND(3.0)                         | ND(2.3)                              | ND(2.3)                              | ND(2.2)                              |
| 2-Nitrophenol                            |                                                      | ND(7.8)                         | ND(1.5)                         | ND(0.89)                             | ND(0.89)                             | ND(0.87)                             |
| 2-Picoline                               |                                                      | ND(7.8)                         | ND(1.5)                         | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| 3&4-Methylphenol                         |                                                      | ND(7.8)                         | ND(1.5)                         | ND(0.89)                             | ND(0.89)                             | ND(0.87)                             |
| 3,3'-Dichlorobenzidine                   |                                                      | ND(3.9)                         | ND(0.75)                        | ND(2.3)                              | ND(2.3)                              | ND(2.2)                              |
| 3,3'-Dimethylbenzidine                   |                                                      | ND(3.9)                         | ND(0.75)                        | ND(2.3)                              | ND(2.3)                              | ND(2.2)                              |
| 3-Methylcholanthrene                     |                                                      | ND(7.8)                         | ND(1.5)                         | ND(0.89)                             | ND(0.89)                             | ND(0.87)                             |
| 3-Nitroaniline                           |                                                      | ND(15)                          | ND(3.0)                         | ND(2.3)                              | ND(2.3)                              | ND(2.2)                              |
| 4,6-Dinitro-2-methylphenol               |                                                      | ND(39)                          | ND(7.5)                         | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| 4-Aminobiphenyl                          |                                                      | ND(7.8)                         | ND(1.5)                         | ND(0.89)                             | ND(0.89)                             | ND(0.87)                             |
| 4-Bromophenyl-phenylether                |                                                      | ND(3.9)                         | ND(0.75)                        | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| 4-Chloro-3-Methylphenol                  |                                                      | ND(7.8)                         | ND(1.5)                         | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| 4-Chloroaniline                          |                                                      | ND(3.9)                         | ND(0.75)                        | ND(0.89)                             | ND(0.89)                             | ND(0.87)                             |
| 4-Chlorobenzilate                        |                                                      | ND(7.8)                         | ND(1.5)                         | ND(2.3)                              | ND(2.3)                              | ND(2.2)                              |
| 4-Chlorophenyl-phenylether               |                                                      | ND(3.9)                         | ND(0.75)                        | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| 4-Nitroaniline                           |                                                      | ND(39)                          | ND(7.5)                         | ND(2.3)                              | ND(2.3)                              | ND(2.2)                              |
| 4-Nitrophenol                            |                                                      | ND(39)                          | ND(7.5)                         | ND(2.3)                              | ND(2.3)                              | ND(2.2)                              |
| 4-Nitroquinoline-1-oxide                 |                                                      | ND(7.8)                         | ND(1.5)                         | ND(2.3)                              | ND(2.3)                              | ND(2.2)                              |
| 4-Phenylenediamine                       |                                                      | ND(7.8)                         | ND(1.5)                         | ND(2.3)                              | ND(2.3)                              | ND(2.2)                              |
| 5-Nitro-o-toluidine                      |                                                      | ND(7.8)                         | ND(1.5)                         | ND(2.3)                              | ND(2.3)                              | ND(2.2)                              |
| 7,12-Dimethylbenz(a)anthracene           |                                                      | ND(7.8)                         | ND(1.5)                         | ND(0.89)                             | ND(0.89)                             | ND(0.87)                             |
| a,a'-Dimethylphenethylamine              |                                                      | ND(7.8)                         | ND(1.5)                         | ND(2.3)                              | ND(2.3)                              | ND(2.2)                              |
| Acenaphthene                             |                                                      | 1.0 J                           | 1.1                             | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| Acenaphthylene                           |                                                      | ND(3.9)                         | 0.22 J                          | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| Acetophenone                             |                                                      | ND(7.8)                         | ND(1.5)                         | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| Aniline                                  |                                                      | ND(3.9)                         | ND(0.75)                        | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| Anthracene                               |                                                      | 2.8 J                           | 2.6                             | 0.54                                 | 0.50                                 | 0.45                                 |
| Aramite                                  |                                                      | ND(7.8)                         | ND(1.5)                         | ND(0.89)                             | ND(0.89)                             | ND(0.87)                             |
| Benzidine                                |                                                      | ND(3.9)                         | ND(0.75)                        | ND(0.89)                             | ND(0.89)                             | ND(0.87)                             |
| Benzo(a)anthracene                       |                                                      | 4.7                             | 4.0                             | 1.8                                  | 1.3                                  | 1.2                                  |
| Benzo(a)pyrene                           |                                                      | 4.9                             | 4.0                             | ND(0.44)                             | 1.1                                  | 1.3                                  |
| Benzo(b)fluoranthene                     |                                                      | 4.2                             | 3.2                             | 1.5                                  | 1.5                                  | 1.6                                  |
| Benzo(g,h,i)perylene                     |                                                      | 2.3 J                           | 1.7                             | 0.78                                 | 0.69                                 | ND(0.43)                             |
| Benzo(k)fluoranthene                     |                                                      | 4.3                             | 4.0                             | 1.7                                  | 1.0                                  | 1.0                                  |
| Benzoic Acid                             |                                                      | NA                              | NA                              | NA                                   | NA                                   | NA                                   |
| Benzyl Alcohol                           |                                                      | ND(15)                          | ND(3.0)                         | ND(0.89)                             | ND(0.89)                             | ND(0.87)                             |
| bis(2-Chloroethoxy)methane               |                                                      | ND(3.9)                         | ND(0.75)                        | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| bis(2-Chloroethyl)ether                  |                                                      | ND(3.9)                         | ND(0.75)                        | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| bis(2-Chloroisopropyl)ether              |                                                      | ND(3.9)                         | ND(0.75)                        | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| bis(2-Ethylhexyl)phthalate               |                                                      | ND(3.9)                         | ND(0.75)                        | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| Butylbenzylphthalate                     |                                                      | ND(3.9)                         | ND(0.75)                        | ND(0.89)                             | ND(0.89)                             | ND(0.87)                             |
| Chrysene                                 |                                                      | 4.8                             | 3.9                             | 1.5                                  | 1.1                                  | 1.1                                  |
| Diallate                                 |                                                      | ND(7.8)                         | ND(1.5)                         | ND(0.89)                             | ND(0.89)                             | ND(0.87)                             |
| Dibenzo(a,h)anthracene                   |                                                      | 1.1 J                           | 0.89                            | ND(0.89)                             | ND(0.89)                             | ND(0.87)                             |
| Dibenzofuran                             |                                                      | ND(7.8)                         | 0.58 J                          | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| Diethylphthalate                         |                                                      | ND(3.9)                         | ND(0.75)                        | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| Dimethylphthalate                        |                                                      | ND(3.9)                         | ND(0.75)                        | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| Di-n-Butylphthalate                      |                                                      | ND(3.9)                         | ND(0.75)                        | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| Di-n-Octylphthalate                      |                                                      | ND(3.9)                         | ND(0.75)                        | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| Dinoseb                                  |                                                      | NA                              | NA                              | NA                                   | NA                                   | NA                                   |
| Diphenylamine                            |                                                      | ND(7.8)                         | ND(1.5)                         | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| Ethyl Methacrylate                       |                                                      | NA                              | NA                              | NA                                   | NA                                   | NA                                   |
| Ethyl Methanesulfonate                   |                                                      | ND(7.8)                         | ND(1.5)                         | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-28-SB-9<br>0-1<br>09/21/99 | 19-9-28-SB-9<br>2-4<br>09/21/99 | 19-9-28-SS-1/SB-4<br>0-1<br>12/04/00 | 19-9-28-SS-1/SB-4<br>2-4<br>12/04/00 | 19-9-28-SS-1/SB-4<br>6-8<br>12/04/00 |
|------------------------------------------------------|---------------------------------|---------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                 |                                 |                                      |                                      |                                      |
| Fluoranthene                                         | 13                              | 9.1                             | 3.1                                  | 2.1                                  | 1.7                                  |
| Fluorene                                             | 1.3 J                           | 1.4                             | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| Hexachlorobenzene                                    | ND(3.9)                         | ND(0.75)                        | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| Hexachlorobutadiene                                  | ND(3.9)                         | ND(0.75)                        | ND(0.89)                             | ND(0.89)                             | ND(0.87)                             |
| Hexachlorocyclopentadiene                            | ND(3.9)                         | ND(0.75)                        | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| Hexachloroethane                                     | ND(3.9)                         | ND(0.75)                        | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| Hexachlorophene                                      | ND(7.8)                         | ND(1.5)                         | 1.1                                  | ND(0.89)                             | ND(0.87)                             |
| Hexachloropropene                                    | ND(7.8)                         | ND(1.5)                         | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| Indeno(1,2,3-cd)pyrene                               | 2.3 J                           | 1.8                             | ND(0.89)                             | ND(0.89)                             | ND(0.87)                             |
| Isodrin                                              | ND(7.8)                         | ND(1.5)                         | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| Isophorone                                           | ND(3.9)                         | ND(0.75)                        | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| Isosafrole                                           | ND(7.8)                         | ND(1.5)                         | ND(0.89)                             | ND(0.89)                             | ND(0.87)                             |
| Methapyrilene                                        | ND(7.8)                         | ND(1.5)                         | ND(2.3)                              | ND(2.3)                              | ND(2.2)                              |
| Methyl Methanesulfonate                              | ND(7.8)                         | ND(1.5)                         | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| Naphthalene                                          | ND(3.9)                         | 0.25 J                          | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| Nitrobenzene                                         | ND(3.9)                         | ND(0.75)                        | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| N-Nitrosodiethylamine                                | ND(3.9)                         | ND(0.75)                        | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| N-Nitrosodimethylamine                               | ND(3.9)                         | ND(0.75)                        | ND(2.2)                              | ND(2.2)                              | ND(2.2)                              |
| N-Nitroso-di-n-butylamine                            | ND(7.8)                         | ND(1.5)                         | ND(0.89)                             | ND(0.89)                             | ND(0.87)                             |
| N-Nitroso-di-n-propylamine                           | ND(3.9)                         | ND(0.75)                        | ND(0.89)                             | ND(0.89)                             | ND(0.87)                             |
| N-Nitrosodiphenylamine                               | ND(3.9)                         | ND(0.75)                        | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| N-Nitrosomethylethylamine                            | ND(7.8)                         | ND(1.5)                         | ND(0.89)                             | ND(0.89)                             | ND(0.87)                             |
| N-Nitrosomorpholine                                  | ND(7.8)                         | ND(1.5)                         | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| N-Nitrosopiperidine                                  | ND(7.8)                         | ND(1.5)                         | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| N-Nitrosopyrrolidine                                 | ND(7.8)                         | ND(1.5)                         | ND(0.89)                             | ND(0.89)                             | ND(0.87)                             |
| o,o,o-Triethylphosphorothioate                       | ND(7.8)                         | ND(1.5)                         | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| o-Toluidine                                          | ND(7.8)                         | ND(1.5)                         | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| p-Dimethylaminoazobenzene                            | ND(7.8)                         | ND(1.5)                         | ND(2.3)                              | ND(2.3)                              | ND(2.2)                              |
| Pentachlorobenzene                                   | ND(7.8)                         | ND(1.5)                         | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| Pentachloroethane                                    | ND(7.8)                         | ND(1.5)                         | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| Pentachloronitrobenzene                              | ND(7.8)                         | ND(1.5)                         | ND(2.3)                              | ND(2.3)                              | ND(2.2)                              |
| Pentachlorophenol                                    | ND(39)                          | ND(7.5)                         | ND(2.3)                              | ND(2.3)                              | ND(2.2)                              |
| Phenacetin                                           | ND(7.8)                         | ND(1.5)                         | ND(2.3)                              | ND(2.3)                              | ND(2.2)                              |
| Phenanthrene                                         | 11                              | 8.9                             | 2.1                                  | 2.2                                  | 1.9                                  |
| Phenol                                               | ND(7.8)                         | ND(1.5)                         | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| Pronamide                                            | ND(7.8)                         | ND(1.5)                         | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| Pyrene                                               | 9.4                             | 7.2                             | 4.6                                  | 2.5                                  | 2.6                                  |
| Pyridine                                             | ND(7.8)                         | ND(1.5)                         | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| Safrole                                              | ND(7.8)                         | ND(1.5)                         | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| Sulfotep                                             | NA                              | NA                              | NA                                   | NA                                   | NA                                   |
| Thionazin                                            | ND(7.8)                         | ND(1.5)                         | ND(0.44)                             | ND(0.44)                             | ND(0.43)                             |
| <b>Furans</b>                                        |                                 |                                 |                                      |                                      |                                      |
| 2,3,7,8-TCDF                                         | 0.000033                        | 0.000035                        | 0.000020                             | 0.0000046                            | 0.0000050                            |
| TCDFs (total)                                        | 0.00025                         | 0.00031                         | 0.000058                             | 0.0000078                            | 0.000014                             |
| 1,2,3,7,8-PeCDF                                      | 0.0000066 J                     | 0.0000067 J                     | 0.0000091                            | 0.0000026                            | 0.0000015                            |
| 2,3,4,7,8-PeCDF                                      | 0.000016                        | 0.0000082 J                     | 0.0000087                            | 0.0000024                            | 0.0000017                            |
| PeCDFs (total)                                       | 0.00016                         | 0.00013                         | 0.00047                              | 0.000035                             | 0.000018                             |
| 1,2,3,4,7,8-HxCDF                                    | 0.000022                        | 0.000014                        | 0.000031                             | ND(0.000012) X                       | 0.0000017                            |
| 1,2,3,6,7,8-HxCDF                                    | 0.0000073 J                     | 0.0000047 J                     | ND(0.000035) X                       | ND(0.000028)                         | ND(0.0000045) X                      |
| 1,2,3,7,8,9-HxCDF                                    | ND(0.000022)                    | ND(0.000054)                    | ND(0.000029)                         | ND(0.000036)                         | ND(0.0000040)                        |
| 2,3,4,6,7,8-HxCDF                                    | 0.0000053 J                     | 0.0000054 J                     | 0.0000037                            | ND(0.000028)                         | ND(0.0000032)                        |
| HxCDFs (total)                                       | 0.000091                        | 0.000071                        | 0.00020                              | 0.000026                             | 0.0000044                            |
| 1,2,3,4,6,7,8-HpCDF                                  | 0.000053                        | 0.000027                        | 0.000021                             | 0.0000067                            | ND(0.000012) X                       |
| 1,2,3,4,7,8,9-HpCDF                                  | 0.0000074 J                     | ND(0.000017)                    | 0.0000035                            | 0.0000064                            | 0.0000036                            |
| HpCDFs (total)                                       | 0.00011                         | 0.000027                        | 0.000055                             | 0.000020                             | 0.0000024                            |
| OCDF                                                 | 0.000045                        | ND(0.000013)                    | 0.000020                             | 0.000020                             | 0.0000011                            |
| <b>Dioxins</b>                                       |                                 |                                 |                                      |                                      |                                      |
| 2,3,7,8-TCDD                                         | ND(0.000012)                    | ND(0.000031)                    | ND(0.0000031)                        | ND(0.0000025)                        | ND(0.0000013)                        |
| TCDDs (total)                                        | 0.000012 J                      | ND(0.000031)                    | 0.0000061                            | 0.0000016                            | 0.0000016                            |
| 1,2,3,7,8-PeCDD                                      | ND(0.000021)                    | ND(0.000055)                    | ND(0.000025)                         | ND(0.000092)                         | ND(0.0000047)                        |
| PeCDDs (total)                                       | 0.000030 J                      | ND(0.000055)                    | ND(0.000025)                         | ND(0.000093)                         | ND(0.0000047)                        |
| 1,2,3,4,7,8-HxCDD                                    | ND(0.000016)                    | ND(0.000015)                    | ND(0.0000070)                        | ND(0.0000089)                        | ND(0.0000024)                        |
| 1,2,3,6,7,8-HxCDD                                    | ND(0.000020)                    | ND(0.000019)                    | ND(0.0000067)                        | ND(0.0000085)                        | ND(0.0000022)                        |
| 1,2,3,7,8,9-HxCDD                                    | ND(0.000018)                    | ND(0.000017)                    | ND(0.0000066)                        | ND(0.0000084)                        | ND(0.0000022)                        |
| HxCDDs (total)                                       | 0.000019                        | ND(0.000019)                    | ND(0.0000067)                        | ND(0.0000085)                        | 0.00000020 J                         |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.000037                        | ND(0.000013)                    | ND(0.0000087) X                      | ND(0.0000068) X                      | ND(0.0000030) X                      |
| HpCDDs (total)                                       | 0.000081                        | ND(0.000013)                    | 0.0000072                            | 0.0000056                            | 0.0000085                            |
| OCDD                                                 | 0.00022                         | 0.000097                        | 0.000063 B                           | 0.00015 B                            | 0.00019 B                            |
| Total TEQs (WHO TEFs)                                | 0.000018                        | 0.000016                        | 0.000012                             | 0.0000079                            | 0.0000020                            |



**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Parameter         | Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-28-SB-9<br>0-1<br>09/21/99 | 19-9-28-SB-9<br>2-4<br>09/21/99 | 19-9-28-SS-1/SB-4<br>0-1<br>12/04/00 | 19-9-28-SS-1/SB-4<br>2-4<br>12/04/00 | 19-9-28-SS-1/SB-4<br>6-8<br>12/04/00 |
|-------------------|------------------------------------------------------|---------------------------------|---------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| <b>Inorganics</b> |                                                      |                                 |                                 |                                      |                                      |                                      |
| Aluminum          |                                                      | NA                              | NA                              | NA                                   | NA                                   | NA                                   |
| Antimony          |                                                      | ND(7.60)                        | ND(6.75)                        | ND(12.0)                             | ND(12.0)                             | ND(12.0)                             |
| Arsenic           |                                                      | 12.2                            | 9.03                            | ND(20.0)                             | ND(20.0)                             | ND(19.0)                             |
| Barium            |                                                      | 85.8                            | 94.4                            | 84.0                                 | 47.0                                 | 58.0                                 |
| Beryllium         |                                                      | ND(0.632)                       | ND(0.560)                       | 0.410                                | 0.470                                | 1.20                                 |
| Cadmium           |                                                      | ND(0.632)                       | 0.811                           | ND(2.00)                             | ND(2.00)                             | 2.20                                 |
| Calcium           |                                                      | NA                              | NA                              | NA                                   | NA                                   | NA                                   |
| Chromium          |                                                      | 16.5                            | 13.6                            | 39.0                                 | 13.0                                 | 19.0                                 |
| Cobalt            |                                                      | 8.65                            | 9.26                            | ND(10.0)                             | ND(10.0)                             | ND(9.70)                             |
| Copper            |                                                      | 76.1                            | 55.8                            | 66.0                                 | 1700                                 | 1100                                 |
| Cyanide           |                                                      | NA                              | NA                              | ND(1.50)                             | ND(1.00)                             | ND(1.00)                             |
| Iron              |                                                      | NA                              | NA                              | NA                                   | NA                                   | NA                                   |
| Lead              |                                                      | 178                             | 189                             | 120                                  | 350                                  | 86.0                                 |
| Magnesium         |                                                      | NA                              | NA                              | NA                                   | NA                                   | NA                                   |
| Manganese         |                                                      | NA                              | NA                              | NA                                   | NA                                   | NA                                   |
| Mercury           |                                                      | 2.95                            | 2.46                            | 1.10                                 | ND(0.270)                            | ND(0.260)                            |
| Nickel            |                                                      | 19.3                            | 20.3                            | 17.0                                 | 41.0                                 | 73.0                                 |
| Potassium         |                                                      | NA                              | NA                              | NA                                   | NA                                   | NA                                   |
| Selenium          |                                                      | ND(0.632)                       | ND(0.560)                       | ND(1.00)                             | ND(1.00)                             | ND(0.970)                            |
| Silver            |                                                      | ND(1.36)                        | ND(1.26)                        | ND(1.00)                             | ND(1.00)                             | ND(0.970)                            |
| Sodium            |                                                      | NA                              | NA                              | NA                                   | NA                                   | NA                                   |
| Sulfide           |                                                      | NA                              | NA                              | 28.0                                 | 30.0                                 | 230                                  |
| Thallium          |                                                      | ND(6.33)                        | ND(5.63)                        | ND(2.00)                             | ND(2.00)                             | ND(1.90)                             |
| Tin               |                                                      | ND(63.3)                        | ND(56.3)                        | ND(60.0)                             | ND(60.0)                             | ND(58.0)                             |
| Vanadium          |                                                      | 18.6                            | 18.5                            | 14.0                                 | 14.0                                 | 18.0                                 |
| Zinc              |                                                      | 182                             | 255                             | 160                                  | 510                                  | 410                                  |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-28-SS-5<br>0-1<br>12/04/00 | 19-9-28-SS-5<br>4-6<br>12/04/00 | 19-9-28-SS-6<br>0-1<br>12/04/00 | 19-9-28-SS-6<br>2-4<br>12/04/00 | 19-9-28-SS-8<br>0-1<br>06/24/99 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Volatile Organics</b>                             |                                 |                                 |                                 |                                 |                                 |
| 1,1,1,2-Tetrachloroethane                            | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| 1,1,1-Trichloroethane                                | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| 1,1,2,2-Tetrachloroethane                            | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| 1,1,2-Trichloroethane                                | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| 1,1-Dichloroethane                                   | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| 1,1-Dichloroethene                                   | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| 1,2,3-Trichloropropane                               | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| 1,2-Dibromo-3-chloropropane                          | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| 1,2-Dibromoethane                                    | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| 1,2-Dichloroethane                                   | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| 1,2-Dichloropropane                                  | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| 1,4-Dioxane                                          | ND(0.20) [ND(0.20)]             | ND(0.20)                        | ND(0.20)                        | ND(0.20)                        | ND(0.20)                        |
| 2-Butanone                                           | ND(0.10) [ND(0.10)]             | ND(0.10)                        | ND(0.10)                        | ND(0.10)                        | ND(0.10)                        |
| 2-Chloro-1,3-butadiene                               | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| 2-Chloroethylvinylether                              | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| 2-Hexanone                                           | ND(0.013) [ND(0.012)]           | ND(0.013)                       | ND(0.012)                       | ND(0.013)                       | ND(0.010)                       |
| 3-Chloropropene                                      | ND(0.013) [ND(0.012)]           | ND(0.013)                       | ND(0.012)                       | ND(0.013)                       | ND(0.010)                       |
| 4-Methyl-2-pentanone                                 | ND(0.013) [ND(0.012)]           | ND(0.013)                       | ND(0.012)                       | ND(0.013)                       | ND(0.010)                       |
| Acetone                                              | ND(0.10) [ND(0.10)]             | ND(0.10)                        | ND(0.10)                        | ND(0.10)                        | ND(0.10)                        |
| Acetonitrile                                         | ND(0.13) [ND(0.12)]             | ND(0.13)                        | ND(0.12)                        | ND(0.13)                        | ND(0.10)                        |
| Acrolein                                             | ND(0.13) [ND(0.12)]             | ND(0.13)                        | ND(0.12)                        | ND(0.13)                        | ND(0.10)                        |
| Acrylonitrile                                        | ND(0.013) [ND(0.012)]           | ND(0.013)                       | ND(0.012)                       | ND(0.013)                       | ND(0.010)                       |
| Benzene                                              | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| Bromodichloromethane                                 | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| Bromoform                                            | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| Bromomethane                                         | ND(0.013) [ND(0.012)]           | ND(0.013)                       | ND(0.012)                       | ND(0.013)                       | ND(0.010)                       |
| Carbon Disulfide                                     | ND(0.010) [ND(0.010)]           | ND(0.010)                       | ND(0.010)                       | ND(0.010)                       | ND(0.010)                       |
| Carbon Tetrachloride                                 | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| Chlorobenzene                                        | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| Chloroethane                                         | ND(0.013) [ND(0.012)]           | ND(0.013)                       | ND(0.012)                       | ND(0.013)                       | ND(0.010)                       |
| Chloroform                                           | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| Chloromethane                                        | ND(0.013) [ND(0.012)]           | ND(0.013)                       | ND(0.012)                       | ND(0.013)                       | ND(0.010)                       |
| cis-1,3-Dichloropropene                              | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| Dibromochloromethane                                 | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| Dibromomethane                                       | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| Dichlorodifluoromethane                              | ND(0.013) [ND(0.012)]           | ND(0.013)                       | ND(0.012)                       | ND(0.013)                       | ND(0.010)                       |
| Ethyl Methacrylate                                   | ND(0.013) [ND(0.012)]           | ND(0.013)                       | ND(0.012)                       | ND(0.013)                       | ND(0.010)                       |
| Ethylbenzene                                         | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| Iodomethane                                          | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| Isobutanol                                           | ND(0.25) [ND(0.25)]             | ND(0.25)                        | ND(0.24)                        | ND(0.27)                        | ND(0.20)                        |
| Methacrylonitrile                                    | ND(0.013) [ND(0.012)]           | ND(0.013)                       | ND(0.012)                       | ND(0.013)                       | ND(0.010)                       |
| Methyl Methacrylate                                  | ND(0.013) [ND(0.012)]           | ND(0.013)                       | ND(0.012)                       | ND(0.013)                       | ND(0.010)                       |
| Methylene Chloride                                   | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| Propionitrile                                        | ND(0.064) [ND(0.062)]           | ND(0.064)                       | ND(0.061)                       | ND(0.067)                       | ND(0.050)                       |
| Styrene                                              | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| Tetrachloroethene                                    | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| Toluene                                              | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| trans-1,2-Dichloroethene                             | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| trans-1,3-Dichloropropene                            | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| trans-1,4-Dichloro-2-butene                          | ND(0.013) [ND(0.012)]           | ND(0.013)                       | ND(0.012)                       | ND(0.013)                       | ND(0.010)                       |
| Trichloroethene                                      | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| Trichlorofluoromethane                               | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.0050)                      |
| Vinyl Acetate                                        | ND(0.013) [ND(0.012)]           | ND(0.013)                       | ND(0.012)                       | ND(0.013)                       | ND(0.010)                       |
| Vinyl Chloride                                       | ND(0.013) [ND(0.012)]           | ND(0.013)                       | ND(0.012)                       | ND(0.013)                       | ND(0.010)                       |
| Xylenes (total)                                      | ND(0.0064) [ND(0.0062)]         | ND(0.0064)                      | ND(0.0061)                      | ND(0.0067)                      | ND(0.010)                       |
| <b>Semivolatile Organics</b>                         |                                 |                                 |                                 |                                 |                                 |
| 1,2,4,5-Tetrachlorobenzene                           | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| 1,2,4-Trichlorobenzene                               | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| 1,2-Dichlorobenzene                                  | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| 1,2-Diphenylhydrazine                                | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| 1,3,5-Trinitrobenzene                                | ND(0.85)                        | ND(0.86)                        | ND(0.82)                        | ND(0.97)                        | ND(0.70)                        |
| 1,3-Dichlorobenzene                                  | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| 1,3-Dinitrobenzene                                   | ND(2.2)                         | ND(2.2)                         | ND(2.1)                         | ND(2.4)                         | ND(2.0)                         |
| 1,4-Dichlorobenzene                                  | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| 1,4-Naphthoquinone                                   | ND(2.2)                         | ND(2.2)                         | ND(2.1)                         | ND(2.4)                         | ND(2.0)                         |
| 1-Naphthylamine                                      | ND(2.2)                         | ND(2.2)                         | ND(2.1)                         | ND(2.3)                         | ND(2.0)                         |
| 2,3,4,6-Tetrachlorophenol                            | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth (Feet):<br>Date Collected: | 19-9-28-SS-5<br>0-1<br>12/04/00 | 19-9-28-SS-5<br>4-6<br>12/04/00 | 19-9-28-SS-6<br>0-1<br>12/04/00 | 19-9-28-SS-6<br>2-4<br>12/04/00 | 19-9-28-SS-8<br>0-1<br>06/24/99 |
|-------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>              |                                 |                                 |                                 |                                 |                                 |
| 2,4,5-Trichlorophenol                                 | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| 2,4,6-Trichlorophenol                                 | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| 2,4-Dichlorophenol                                    | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| 2,4-Dimethylphenol                                    | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| 2,4-Dinitrophenol                                     | ND(2.2)                         | ND(2.2)                         | ND(2.1)                         | ND(2.3)                         | ND(2.0)                         |
| 2,4-Dinitrotoluene                                    | ND(2.2)                         | ND(2.2)                         | ND(2.1)                         | ND(2.3)                         | ND(2.0)                         |
| 2,6-Dichlorophenol                                    | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| 2,6-Dinitrotoluene                                    | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| 2-Acetylaminofluorene                                 | ND(0.85)                        | ND(0.86)                        | ND(0.82)                        | ND(0.97)                        | ND(0.70)                        |
| 2-Chloronaphthalene                                   | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| 2-Chlorophenol                                        | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| 2-Methylnaphthalene                                   | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| 2-Methylphenol                                        | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| 2-Naphthylamine                                       | ND(2.2)                         | ND(2.2)                         | ND(2.1)                         | ND(2.3)                         | ND(2.0)                         |
| 2-Nitroaniline                                        | ND(2.2)                         | ND(2.2)                         | ND(2.1)                         | ND(2.3)                         | ND(2.0)                         |
| 2-Nitrophenol                                         | ND(0.85)                        | ND(0.86)                        | ND(0.82)                        | ND(0.90)                        | ND(0.70)                        |
| 2-Picoline                                            | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| 3&4-Methylphenol                                      | ND(0.85)                        | ND(0.86)                        | ND(0.82)                        | ND(0.90)                        | ND(0.70)                        |
| 3,3'-Dichlorobenzidine                                | ND(2.2)                         | ND(2.2)                         | ND(2.1)                         | ND(2.3)                         | ND(2.0)                         |
| 3,3'-Dimethylbenzidine                                | ND(2.2)                         | ND(2.2)                         | ND(2.1)                         | ND(2.4)                         | ND(2.0)                         |
| 3-Methylcholanthrene                                  | ND(0.85)                        | ND(0.86)                        | ND(0.82)                        | ND(0.90)                        | ND(0.70)                        |
| 3-Nitroaniline                                        | ND(2.2)                         | ND(2.2)                         | ND(2.1)                         | ND(2.3)                         | ND(2.0)                         |
| 4,6-Dinitro-2-methylphenol                            | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(2.0)                         |
| 4-Aminobiphenyl                                       | ND(0.85)                        | ND(0.86)                        | ND(0.82)                        | ND(0.97)                        | ND(0.70)                        |
| 4-Bromophenyl-phenylether                             | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| 4-Chloro-3-Methylphenol                               | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| 4-Chloroaniline                                       | ND(0.85)                        | ND(0.86)                        | ND(0.82)                        | ND(0.90)                        | ND(0.70)                        |
| 4-Chlorobenzilate                                     | ND(2.2)                         | ND(2.2)                         | ND(2.1)                         | ND(2.4)                         | ND(2.0)                         |
| 4-Chlorophenyl-phenylether                            | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| 4-Nitroaniline                                        | ND(2.2)                         | ND(2.2)                         | ND(2.1)                         | ND(2.3)                         | ND(2.0)                         |
| 4-Nitrophenol                                         | ND(2.2)                         | ND(2.2)                         | ND(2.1)                         | ND(2.3)                         | ND(2.0)                         |
| 4-Nitroquinoline-1-oxide                              | ND(2.2)                         | ND(2.2)                         | ND(2.1)                         | ND(2.4)                         | ND(2.0)                         |
| 4-Phenylenediamine                                    | ND(2.2)                         | ND(2.2)                         | ND(2.1)                         | ND(2.4)                         | ND(2.0)                         |
| 5-Nitro-o-toluidine                                   | ND(2.2)                         | ND(2.2)                         | ND(2.1)                         | ND(2.4)                         | ND(2.0)                         |
| 7,12-Dimethylbenz(a)anthracene                        | ND(0.85)                        | ND(0.86)                        | ND(0.82)                        | ND(0.90)                        | ND(0.70)                        |
| a,a'-Dimethylphenethylamine                           | ND(2.2)                         | ND(2.2)                         | ND(2.1)                         | ND(2.4)                         | ND(2.0)                         |
| Acenaphthene                                          | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| Acenaphthylene                                        | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| Acetophenone                                          | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| Aniline                                               | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| Anthracene                                            | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | 0.50                            | ND(0.30)                        |
| Aramite                                               | ND(0.85)                        | ND(0.86)                        | ND(0.82)                        | ND(0.97)                        | ND(0.70)                        |
| Benzidine                                             | ND(0.85)                        | ND(0.86)                        | ND(0.82)                        | ND(0.90)                        | ND(0.70)                        |
| Benzo(a)anthracene                                    | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | 1.1                             | 0.60                            |
| Benzo(a)pyrene                                        | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | 0.78                            | 0.50                            |
| Benzo(b)fluoranthene                                  | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | 0.65                            | 0.70                            |
| Benzo(g,h,i)perylene                                  | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | 0.95                            | 0.30                            |
| Benzo(k)fluoranthene                                  | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | 0.62                            | ND(0.30)                        |
| Benzoic Acid                                          | NA                              | NA                              | NA                              | NA                              | NA                              |
| Benzyl Alcohol                                        | ND(0.85)                        | ND(0.86)                        | ND(0.82)                        | ND(0.90)                        | ND(0.70)                        |
| bis(2-Chloroethoxy)methane                            | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| bis(2-Chloroethyl)ether                               | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| bis(2-Chloroisopropyl)ether                           | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| bis(2-Ethylhexyl)phthalate                            | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| Butylbenzylphthalate                                  | ND(0.85)                        | ND(0.86)                        | ND(0.82)                        | ND(0.90)                        | ND(0.70)                        |
| Chrysene                                              | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | 0.88                            | 0.60                            |
| Diallate                                              | ND(0.85)                        | ND(0.86)                        | ND(0.82)                        | ND(0.97)                        | ND(0.70)                        |
| Dibenzo(a,h)anthracene                                | ND(0.85)                        | ND(0.86)                        | ND(0.82)                        | ND(0.90)                        | ND(0.70)                        |
| Dibenzofuran                                          | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| Diethylphthalate                                      | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| Dimethylphthalate                                     | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| Di-n-Butylphthalate                                   | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| Di-n-Octylphthalate                                   | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| Dinoseb                                               | NA                              | NA                              | NA                              | NA                              | NA                              |
| Diphenylamine                                         | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| Ethyl Methacrylate                                    | NA                              | NA                              | NA                              | NA                              | NA                              |
| Ethyl Methanesulfonate                                | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth (Feet):<br>Date Collected: | 19-9-28-SS-5<br>0-1<br>12/04/00 | 19-9-28-SS-5<br>4-6<br>12/04/00 | 19-9-28-SS-6<br>0-1<br>12/04/00 | 19-9-28-SS-6<br>2-4<br>12/04/00 | 19-9-28-SS-8<br>0-1<br>06/24/99 |
|-------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>              |                                 |                                 |                                 |                                 |                                 |
| Fluoranthene                                          | 0.53                            | ND(0.42)                        | ND(0.41)                        | 2.1                             | 1.0                             |
| Fluorene                                              | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| Hexachlorobenzene                                     | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| Hexachlorobutadiene                                   | ND(0.85)                        | ND(0.86)                        | ND(0.82)                        | ND(0.90)                        | ND(2.0)                         |
| Hexachlorocyclopentadiene                             | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| Hexachloroethane                                      | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| Hexachlorophene                                       | ND(0.85)                        | ND(0.86)                        | ND(0.82)                        | ND(0.97)                        | ND(0.70)                        |
| Hexachloropropene                                     | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| Indeno(1,2,3-cd)pyrene                                | ND(0.85)                        | ND(0.86)                        | ND(0.82)                        | ND(0.90)                        | 0.40                            |
| Isodrin                                               | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| Isophorone                                            | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| Isosafrole                                            | ND(0.85)                        | ND(0.86)                        | ND(0.82)                        | ND(0.97)                        | ND(0.70)                        |
| Methapyrene                                           | ND(2.2)                         | ND(2.2)                         | ND(2.1)                         | ND(2.4)                         | ND(2.0)                         |
| Methyl Methanesulfonate                               | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| Naphthalene                                           | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| Nitrobenzene                                          | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| N-Nitrosodiethylamine                                 | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| N-Nitrosodimethylamine                                | ND(0.85)                        | ND(0.86)                        | ND(0.82)                        | ND(0.90)                        | ND(0.70)                        |
| N-Nitroso-di-n-butylamine                             | ND(0.85)                        | ND(0.86)                        | ND(0.82)                        | ND(0.90)                        | ND(0.70)                        |
| N-Nitroso-di-n-propylamine                            | ND(0.85)                        | ND(0.86)                        | ND(0.82)                        | ND(0.90)                        | ND(2.0)                         |
| N-Nitrosodiphenylamine                                | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| N-Nitrosomethylethylamine                             | ND(0.85)                        | ND(0.86)                        | ND(0.82)                        | ND(0.97)                        | ND(0.70)                        |
| N-Nitrosomorpholine                                   | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| N-Nitrosopiperidine                                   | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| N-Nitrosopyrrolidine                                  | ND(0.85)                        | ND(0.86)                        | ND(0.82)                        | ND(0.90)                        | ND(0.70)                        |
| o,o,o-Triethylphosphorothioate                        | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| o-Toluidine                                           | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| p-Dimethylaminoazobenzene                             | ND(2.2)                         | ND(2.2)                         | ND(2.1)                         | ND(2.4)                         | ND(2.0)                         |
| Pentachlorobenzene                                    | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| Pentachloroethane                                     | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| Pentachloronitrobenzene                               | ND(2.2)                         | ND(2.2)                         | ND(2.1)                         | ND(2.4)                         | ND(2.0)                         |
| Pentachlorophenol                                     | ND(2.2)                         | ND(2.2)                         | ND(2.1)                         | ND(2.3)                         | ND(2.0)                         |
| Phenacetin                                            | ND(2.2)                         | ND(2.2)                         | ND(2.1)                         | ND(2.4)                         | ND(2.0)                         |
| Phenanthrene                                          | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | 2.8                             | 1.0                             |
| Phenol                                                | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| Pronamide                                             | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| Pyrene                                                | 0.44                            | ND(0.42)                        | ND(0.41)                        | 3.3                             | 1.0                             |
| Pyridine                                              | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| Safrole                                               | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| Sulfotep                                              | NA                              | NA                              | NA                              | NA                              | NA                              |
| Thionazin                                             | ND(0.42)                        | ND(0.42)                        | ND(0.41)                        | ND(0.48)                        | ND(0.30)                        |
| <b>Furans</b>                                         |                                 |                                 |                                 |                                 |                                 |
| 2,3,7,8-TCDF                                          | ND(0.0000048) X [0.000010]      | ND(0.00000013)                  | 0.0000013                       | 0.00000069                      | 0.000064                        |
| TCDFs (total)                                         | 0.000098 [0.000052]             | ND(0.00000013)                  | 0.0000034                       | ND(0.00000071)                  | 0.00025                         |
| 1,2,3,7,8-PeCDF                                       | ND(0.0000031) X [0.0000044 I]   | ND(0.00000014)                  | ND(0.00000030) X                | ND(0.00000087)                  | 0.000017                        |
| 2,3,4,7,8-PeCDF                                       | 0.0000027 [0.0000036]           | ND(0.00000014)                  | 0.00000026                      | ND(0.00000085)                  | 0.000016                        |
| PeCDFs (total)                                        | 0.000020 [0.000050]             | ND(0.00000014)                  | 0.00000051                      | ND(0.00000085)                  | 0.00012                         |
| 1,2,3,4,7,8-HxCDF                                     | 0.000014 [0.000024 I]           | 0.000000076                     | ND(0.00000036) X                | 0.0000011 I                     | 0.000033                        |
| 1,2,3,6,7,8-HxCDF                                     | 0.0000013 [0.0000026]           | ND(0.000000073)                 | ND(0.000000072)                 | ND(0.00000014)                  | 0.000012                        |
| 1,2,3,7,8,9-HxCDF                                     | ND(0.00000056) [ND(0.0000011)]  | ND(0.000000094)                 | ND(0.000000093)                 | ND(0.00000018)                  | 0.0000092 J                     |
| 2,3,4,6,7,8-HxCDF                                     | 0.0000020 [0.0000028]           | ND(0.000000073)                 | ND(0.000000073)                 | ND(0.00000014)                  | 0.0000050                       |
| HxCDFs (total)                                        | 0.00011 [0.000034]              | 0.000000076                     | ND(0.000000072)                 | 0.0000010                       | 0.00010                         |
| 1,2,3,4,6,7,8-HpCDF                                   | 0.0000073 [0.0000092]           | ND(0.000000053)                 | ND(0.00000025) X                | 0.00000069                      | 0.000036                        |
| 1,2,3,4,7,8,9-HpCDF                                   | 0.00000086 [0.00000098]         | ND(0.000000073)                 | ND(0.000000053)                 | ND(0.00000014)                  | 0.000019                        |
| HpCDFs (total)                                        | 0.000015 [0.000010]             | ND(0.000000053)                 | ND(0.000000038)                 | 0.00000069                      | 0.000092                        |
| OCDF                                                  | 0.0000073 [0.0000092]           | 0.000000065 J                   | 0.00000037                      | 0.0000016                       | 0.000066                        |
| <b>Dioxins</b>                                        |                                 |                                 |                                 |                                 |                                 |
| 2,3,7,8-TCDD                                          | ND(0.00000015) [ND(0.00000015)] | ND(0.00000014)                  | ND(0.00000017)                  | ND(0.00000082)                  | 0.0000045 J                     |
| TCDDs (total)                                         | 0.0000089 [0.000016]            | ND(0.00000014)                  | ND(0.00000017)                  | ND(0.00000082)                  | 0.0000027                       |
| 1,2,3,7,8-PeCDD                                       | ND(0.00000042) [ND(0.00000056)] | ND(0.00000021)                  | ND(0.00000022)                  | ND(0.00000037)                  | 0.0000017                       |
| PeCDDs (total)                                        | ND(0.00000042) [ND(0.00000056)] | ND(0.00000021)                  | ND(0.00000022)                  | ND(0.00000037)                  | 0.0000054                       |
| 1,2,3,4,7,8-HxCDD                                     | ND(0.00000024) [ND(0.00000023)] | ND(0.00000014)                  | ND(0.00000013)                  | ND(0.00000019)                  | 0.0000096 J                     |
| 1,2,3,6,7,8-HxCDD                                     | 0.00000017 J [ND(0.00000022)]   | ND(0.00000014)                  | ND(0.00000012)                  | ND(0.00000018)                  | 0.0000029                       |
| 1,2,3,7,8,9-HxCDD                                     | 0.00000094 J [ND(0.00000022)]   | ND(0.00000013)                  | ND(0.00000012)                  | ND(0.00000018)                  | 0.0000019 J                     |
| HxCDDs (total)                                        | ND(0.00000023) [ND(0.00000022)] | ND(0.00000014)                  | ND(0.00000012)                  | ND(0.00000018)                  | 0.000012                        |
| 1,2,3,4,6,7,8-HpCDD                                   | 0.0000064 [0.0000076]           | ND(0.00000014) X                | ND(0.00000045) X                | 0.00000075                      | 0.000019                        |
| HpCDDs (total)                                        | 0.000011 [0.000014]             | ND(0.000000073)                 | 0.00000042                      | 0.00000075                      | 0.000019                        |
| OCDD                                                  | 0.000041 B [0.000055 B]         | 0.00000098 B                    | 0.0000036 B                     | 0.0000058 B                     | 0.00016                         |
| Total TEQs (WHO TEFs)                                 | 0.0000039 [0.0000066]           | 0.00000026                      | 0.00000052                      | 0.00000049                      | 0.000024                        |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Parameter         | Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-28-SS-5<br>0-1<br>12/04/00 | 19-9-28-SS-5<br>4-6<br>12/04/00 | 19-9-28-SS-6<br>0-1<br>12/04/00 | 19-9-28-SS-6<br>2-4<br>12/04/00 | 19-9-28-SS-8<br>0-1<br>06/24/99 |
|-------------------|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Inorganics</b> |                                                      |                                 |                                 |                                 |                                 |                                 |
| Aluminum          |                                                      | NA                              | NA                              | NA                              | NA                              | NA                              |
| Antimony          |                                                      | ND(11.0)                        | ND(12.0)                        | ND(11.0)                        | ND(12.0)                        | ND(9.40)                        |
| Arsenic           |                                                      | ND(19.0)                        | ND(19.0)                        | ND(18.0)                        | ND(20.0)                        | ND(15.7)                        |
| Barium            |                                                      | 48.0                            | ND(38.0)                        | ND(37.0)                        | 53.0                            | 119                             |
| Beryllium         |                                                      | 0.390                           | 0.300                           | 0.310                           | 0.360                           | 0.410                           |
| Cadmium           |                                                      | ND(1.90)                        | ND(1.90)                        | ND(1.80)                        | ND(2.00)                        | 3.00                            |
| Calcium           |                                                      | NA                              | NA                              | NA                              | NA                              | NA                              |
| Chromium          |                                                      | 8.00                            | 8.70                            | ND(4.90)                        | 11.0                            | 55.4                            |
| Cobalt            |                                                      | ND(9.60)                        | ND(9.60)                        | ND(9.20)                        | ND(10.0)                        | 11.2                            |
| Copper            |                                                      | 22.0                            | ND(19.0)                        | ND(18.0)                        | ND(20.0)                        | 51.1                            |
| Cyanide           |                                                      | ND(1.00) [ND(1.00)]             | ND(1.00)                        | ND(1.00)                        | ND(1.00)                        | ND(1.00)                        |
| Iron              |                                                      | NA                              | NA                              | NA                              | NA                              | NA                              |
| Lead              |                                                      | 56.0                            | 11.0                            | 5.30                            | 67.0                            | 3160                            |
| Magnesium         |                                                      | NA                              | NA                              | NA                              | NA                              | NA                              |
| Manganese         |                                                      | NA                              | NA                              | NA                              | NA                              | NA                              |
| Mercury           |                                                      | ND(0.250)                       | ND(0.260)                       | ND(0.240)                       | 0.390                           | 0.940                           |
| Nickel            |                                                      | 14.0                            | 15.0                            | 10.0                            | 13.0                            | 24.2                            |
| Potassium         |                                                      | NA                              | NA                              | NA                              | NA                              | NA                              |
| Selenium          |                                                      | ND(0.960)                       | ND(0.960)                       | ND(0.920)                       | ND(1.00)                        | ND(0.790)                       |
| Silver            |                                                      | ND(0.960)                       | ND(0.960)                       | ND(0.920)                       | ND(1.00)                        | ND(0.790)                       |
| Sodium            |                                                      | NA                              | NA                              | NA                              | NA                              | NA                              |
| Sulfide           |                                                      | 10.0 [9.90]                     | ND(6.40)                        | ND(6.10)                        | 8.50                            | 28.3                            |
| Thallium          |                                                      | ND(1.90)                        | ND(1.90)                        | ND(1.80)                        | ND(2.00)                        | ND(1.60)                        |
| Tin               |                                                      | ND(57.0)                        | ND(58.0)                        | ND(55.0)                        | ND(60.0)                        | 96.7                            |
| Vanadium          |                                                      | ND(9.60)                        | ND(9.60)                        | ND(9.20)                        | 11.0                            | 15.7                            |
| Zinc              |                                                      | 73.0                            | 45.0                            | 26.0                            | 86.0                            | 3770                            |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Parameter                    | Sample ID:<br>Sample Depth (Feet):<br>Date Collected: | 19-9-28-SS-9/SB-7<br>2-4<br>12/04/00 | 19-9-28-SS-11<br>0-1<br>12/04/00 | 19-9-28-SS-11<br>10-12<br>12/04/00 | 19-9-29-SB-1<br>0-1<br>12/05/00 | 19-9-29-SB-1<br>4-6<br>12/05/00 |
|------------------------------|-------------------------------------------------------|--------------------------------------|----------------------------------|------------------------------------|---------------------------------|---------------------------------|
| <b>Volatile Organics</b>     |                                                       |                                      |                                  |                                    |                                 |                                 |
| 1,1,1,2-Tetrachloroethane    |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| 1,1,1-Trichloroethane        |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| 1,1,2,2-Tetrachloroethane    |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| 1,1,2-Trichloroethane        |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| 1,1-Dichloroethane           |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| 1,1-Dichloroethene           |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| 1,2,3-Trichloropropane       |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| 1,2-Dibromo-3-chloropropane  |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| 1,2-Dibromoethane            |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| 1,2-Dichloroethane           |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| 1,2-Dichloropropane          |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| 1,4-Dioxane                  |                                                       | NA                                   | ND(0.20)                         | ND(0.20)                           | ND(0.20)                        | ND(0.20)                        |
| 2-Butanone                   |                                                       | NA                                   | ND(0.10)                         | ND(0.10)                           | ND(0.10)                        | ND(0.10)                        |
| 2-Chloro-1,3-butadiene       |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| 2-Chloroethylvinylether      |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| 2-Hexanone                   |                                                       | NA                                   | ND(0.013)                        | ND(0.015)                          | ND(0.013)                       | ND(0.013)                       |
| 3-Chloropropene              |                                                       | NA                                   | ND(0.013)                        | ND(0.015)                          | ND(0.013)                       | ND(0.013)                       |
| 4-Methyl-2-pentanone         |                                                       | NA                                   | ND(0.013)                        | ND(0.015)                          | ND(0.013)                       | ND(0.013)                       |
| Acetone                      |                                                       | NA                                   | ND(0.10)                         | ND(0.10)                           | ND(0.10)                        | ND(0.10)                        |
| Acetonitrile                 |                                                       | NA                                   | ND(0.13)                         | ND(0.15)                           | ND(0.13)                        | ND(0.13)                        |
| Acrolein                     |                                                       | NA                                   | ND(0.13)                         | ND(0.15)                           | ND(0.13)                        | ND(0.13)                        |
| Acrylonitrile                |                                                       | NA                                   | ND(0.013)                        | ND(0.015)                          | ND(0.013)                       | ND(0.013)                       |
| Benzene                      |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| Bromodichloromethane         |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| Bromoform                    |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| Bromomethane                 |                                                       | NA                                   | ND(0.013)                        | ND(0.015)                          | ND(0.013)                       | ND(0.013)                       |
| Carbon Disulfide             |                                                       | NA                                   | ND(0.010)                        | ND(0.010)                          | ND(0.010)                       | ND(0.010)                       |
| Carbon Tetrachloride         |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| Chlorobenzene                |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| Chloroethane                 |                                                       | NA                                   | ND(0.013)                        | ND(0.015)                          | ND(0.013)                       | ND(0.013)                       |
| Chloroform                   |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| Chloromethane                |                                                       | NA                                   | ND(0.013)                        | ND(0.015)                          | ND(0.013)                       | ND(0.013)                       |
| cis-1,3-Dichloropropene      |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| Dibromochloromethane         |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| Dibromomethane               |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| Dichlorodifluoromethane      |                                                       | NA                                   | ND(0.013)                        | ND(0.015)                          | ND(0.013)                       | ND(0.013)                       |
| Ethyl Methacrylate           |                                                       | NA                                   | ND(0.013)                        | ND(0.015)                          | ND(0.013)                       | ND(0.013)                       |
| Ethylbenzene                 |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| Iodomethane                  |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| Isobutanol                   |                                                       | NA                                   | ND(0.26)                         | ND(0.30)                           | ND(0.26)                        | ND(0.26)                        |
| Methacrylonitrile            |                                                       | NA                                   | ND(0.013)                        | ND(0.015)                          | ND(0.013)                       | ND(0.013)                       |
| Methyl Methacrylate          |                                                       | NA                                   | ND(0.013)                        | ND(0.015)                          | ND(0.013)                       | ND(0.013)                       |
| Methylene Chloride           |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| Propionitrile                |                                                       | NA                                   | ND(0.065)                        | ND(0.076)                          | ND(0.064)                       | ND(0.064)                       |
| Styrene                      |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| Tetrachloroethene            |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| Toluene                      |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| trans-1,2-Dichloroethene     |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| trans-1,3-Dichloropropene    |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| trans-1,4-Dichloro-2-butene  |                                                       | NA                                   | ND(0.013)                        | ND(0.015)                          | ND(0.013)                       | ND(0.013)                       |
| Trichloroethene              |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| Trichlorofluoromethane       |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| Vinyl Acetate                |                                                       | NA                                   | ND(0.013)                        | ND(0.015)                          | ND(0.013)                       | ND(0.013)                       |
| Vinyl Chloride               |                                                       | NA                                   | ND(0.013)                        | ND(0.015)                          | ND(0.013)                       | ND(0.013)                       |
| Xylenes (total)              |                                                       | NA                                   | ND(0.0065)                       | ND(0.0076)                         | ND(0.0064)                      | ND(0.0064)                      |
| <b>Semivolatile Organics</b> |                                                       |                                      |                                  |                                    |                                 |                                 |
| 1,2,4,5-Tetrachlorobenzene   |                                                       | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| 1,2,4-Trichlorobenzene       |                                                       | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| 1,2-Dichlorobenzene          |                                                       | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| 1,2-Diphenylhydrazine        |                                                       | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| 1,3,5-Trinitrobenzene        |                                                       | ND(2.4)                              | ND(0.87)                         | ND(1.0)                            | ND(0.86)                        | ND(0.86)                        |
| 1,3-Dichlorobenzene          |                                                       | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| 1,3-Dinitrobenzene           |                                                       | ND(6.0)                              | ND(2.2)                          | ND(2.6)                            | ND(2.2)                         | ND(2.2)                         |
| 1,4-Dichlorobenzene          |                                                       | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| 1,4-Naphthoquinone           |                                                       | ND(6.0)                              | ND(2.2)                          | ND(2.6)                            | ND(2.2)                         | ND(2.2)                         |
| 1-Naphthylamine              |                                                       | ND(2.4)                              | ND(2.2)                          | ND(2.6)                            | ND(2.2)                         | ND(2.2)                         |
| 2,3,4,6-Tetrachlorophenol    |                                                       | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Parameter                                | Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | I9-9-28-SS-9/SB-7<br>2-4<br>12/04/00 | I9-9-28-SS-11<br>0-1<br>12/04/00 | I9-9-28-SS-11<br>10-12<br>12/04/00 | I9-9-29-SB-1<br>0-1<br>12/05/00 | I9-9-29-SB-1<br>4-6<br>12/05/00 |
|------------------------------------------|------------------------------------------------------|--------------------------------------|----------------------------------|------------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b> |                                                      |                                      |                                  |                                    |                                 |                                 |
| 2,4,5-Trichlorophenol                    |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| 2,4,6-Trichlorophenol                    |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| 2,4-Dichlorophenol                       |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| 2,4-Dimethylphenol                       |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| 2,4-Dinitrophenol                        |                                                      | ND(2.1)                              | ND(2.2)                          | ND(2.6)                            | ND(2.2)                         | ND(2.2)                         |
| 2,4-Dinitrotoluene                       |                                                      | ND(2.1)                              | ND(2.2)                          | ND(2.6)                            | ND(2.2)                         | ND(2.2)                         |
| 2,6-Dichlorophenol                       |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| 2,6-Dinitrotoluene                       |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| 2-Acetylaminofluorene                    |                                                      | ND(2.4)                              | ND(0.87)                         | ND(1.0)                            | ND(0.86)                        | ND(0.86)                        |
| 2-Chloronaphthalene                      |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| 2-Chlorophenol                           |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| 2-Methylnaphthalene                      |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| 2-Methylphenol                           |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| 2-Naphthylamine                          |                                                      | ND(2.4)                              | ND(2.2)                          | ND(2.6)                            | ND(2.2)                         | ND(2.2)                         |
| 2-Nitroaniline                           |                                                      | ND(2.1)                              | ND(2.2)                          | ND(2.6)                            | ND(2.2)                         | ND(2.2)                         |
| 2-Nitrophenol                            |                                                      | ND(1.2)                              | ND(0.87)                         | ND(1.0)                            | ND(0.86)                        | ND(0.86)                        |
| 2-Picoline                               |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| 3&4-Methylphenol                         |                                                      | ND(1.2)                              | ND(0.87)                         | ND(1.0)                            | ND(0.86)                        | ND(0.86)                        |
| 3,3'-Dichlorobenzidine                   |                                                      | ND(2.1)                              | ND(2.2)                          | ND(2.6)                            | ND(2.2)                         | ND(2.2)                         |
| 3,3'-Dimethylbenzidine                   |                                                      | ND(6.0)                              | ND(2.2)                          | ND(2.6)                            | ND(2.2)                         | ND(2.2)                         |
| 3-Methylcholanthrene                     |                                                      | ND(1.2)                              | ND(0.87)                         | ND(1.0)                            | ND(0.86)                        | ND(0.86)                        |
| 3-Nitroaniline                           |                                                      | ND(2.1)                              | ND(2.2)                          | ND(2.6)                            | ND(2.2)                         | ND(2.2)                         |
| 4,6-Dinitro-2-methylphenol               |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| 4-Aminobiphenyl                          |                                                      | ND(2.4)                              | ND(0.87)                         | ND(1.0)                            | ND(0.86)                        | ND(0.86)                        |
| 4-Bromophenyl-phenylether                |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| 4-Chloro-3-Methylphenol                  |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| 4-Chloroaniline                          |                                                      | ND(1.2)                              | ND(0.87)                         | ND(1.0)                            | ND(0.86)                        | ND(0.86)                        |
| 4-Chlorobenzilate                        |                                                      | ND(6.0)                              | ND(2.2)                          | ND(2.6)                            | ND(2.2)                         | ND(2.2)                         |
| 4-Chlorophenyl-phenylether               |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| 4-Nitroaniline                           |                                                      | ND(2.1)                              | ND(2.2)                          | ND(2.6)                            | ND(2.2)                         | ND(2.2)                         |
| 4-Nitrophenol                            |                                                      | ND(2.1)                              | ND(2.2)                          | ND(2.6)                            | ND(2.2)                         | ND(2.2)                         |
| 4-Nitroquinoline-1-oxide                 |                                                      | ND(6.0)                              | ND(2.2)                          | ND(2.6)                            | ND(2.2)                         | ND(2.2)                         |
| 4-Phenylenediamine                       |                                                      | ND(6.0)                              | ND(2.2)                          | ND(2.6)                            | ND(2.2)                         | ND(2.2)                         |
| 5-Nitro-o-toluidine                      |                                                      | ND(6.0)                              | ND(2.2)                          | ND(2.6)                            | ND(2.2)                         | ND(2.2)                         |
| 7,12-Dimethylbenz(a)anthracene           |                                                      | ND(1.2)                              | ND(0.87)                         | ND(1.0)                            | ND(0.86)                        | ND(0.86)                        |
| a,a'-Dimethylphenethylamine              |                                                      | ND(6.0)                              | ND(2.2)                          | ND(2.6)                            | ND(2.2)                         | ND(2.2)                         |
| Acenaphthene                             |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| Acenaphthylene                           |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| Acetophenone                             |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| Aniline                                  |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| Anthracene                               |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| Aramite                                  |                                                      | ND(2.4)                              | ND(0.87)                         | ND(1.0)                            | ND(0.86)                        | ND(0.86)                        |
| Benazidine                               |                                                      | ND(1.2)                              | ND(0.87)                         | ND(1.0)                            | ND(0.86)                        | ND(0.86)                        |
| Benzo(a)anthracene                       |                                                      | 4.1                                  | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| Benzo(a)pyrene                           |                                                      | 4.6                                  | 0.27 J                           | ND(0.50)                           | ND(0.42)                        | 0.57                            |
| Benzo(b)fluoranthene                     |                                                      | 3.2                                  | ND(0.42)                         | ND(0.49)                           | ND(0.42)                        | 0.51                            |
| Benzo(g,h,i)perylene                     |                                                      | 4.2                                  | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | 1.3                             |
| Benzo(k)fluoranthene                     |                                                      | 3.9                                  | 0.22 J                           | ND(0.50)                           | ND(0.42)                        | 0.47                            |
| Benzoic Acid                             |                                                      | NA                                   | NA                               | NA                                 | NA                              | NA                              |
| Benzyl Alcohol                           |                                                      | ND(1.2)                              | ND(0.87)                         | ND(1.0)                            | ND(0.86)                        | ND(0.86)                        |
| bis(2-Chloroethoxy)methane               |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| bis(2-Chloroethyl)ether                  |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| bis(2-Chloroisopropyl)ether              |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| bis(2-Ethylhexyl)phthalate               |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| Butylbenzylphthalate                     |                                                      | ND(1.2)                              | ND(0.87)                         | ND(1.0)                            | ND(0.86)                        | ND(0.86)                        |
| Chrysene                                 |                                                      | 4.1                                  | 0.25 J                           | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| Diallate                                 |                                                      | ND(1.2)                              | ND(0.87)                         | ND(1.0)                            | ND(0.86)                        | ND(0.86)                        |
| Dibenzo(a,h)anthracene                   |                                                      | 3.6                                  | ND(0.87)                         | ND(1.0)                            | ND(0.86)                        | ND(0.86)                        |
| Dibenzofuran                             |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| Diethylphthalate                         |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| Dimethylphthalate                        |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| Di-n-Butylphthalate                      |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| Di-n-Octylphthalate                      |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| Dinoseb                                  |                                                      | NA                                   | NA                               | NA                                 | NA                              | NA                              |
| Diphenylamine                            |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |
| Ethyl Methacrylate                       |                                                      | NA                                   | NA                               | NA                                 | NA                              | NA                              |
| Ethyl Methanesulfonate                   |                                                      | ND(1.2)                              | ND(0.43)                         | ND(0.50)                           | ND(0.42)                        | ND(0.42)                        |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Parameter                                | Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 9-9-28-SS-9/SB-7<br>2-4<br>12/04/00 | 9-9-28-SS-11<br>0-1<br>12/04/00 | 9-9-28-SS-11<br>10-12<br>12/04/00 | 9-9-29-SB-1<br>0-1<br>12/05/00 | 9-9-29-SB-1<br>4-6<br>12/05/00 |
|------------------------------------------|------------------------------------------------------|-------------------------------------|---------------------------------|-----------------------------------|--------------------------------|--------------------------------|
| <b>Semivolatile Organics (continued)</b> |                                                      |                                     |                                 |                                   |                                |                                |
| Fluoranthene                             |                                                      | 6.8                                 | 0.45                            | ND(0.50)                          | ND(0.42)                       | ND(0.42)                       |
| Fluorene                                 |                                                      | ND(1.2)                             | ND(0.43)                        | ND(0.50)                          | ND(0.42)                       | ND(0.42)                       |
| Hexachlorobenzene                        |                                                      | ND(1.2)                             | ND(0.43)                        | ND(0.50)                          | ND(0.42)                       | ND(0.42)                       |
| Hexachlorobutadiene                      |                                                      | ND(1.2)                             | ND(0.87)                        | ND(1.0)                           | ND(0.86)                       | ND(0.86)                       |
| Hexachlorocyclopentadiene                |                                                      | ND(1.2)                             | ND(0.43)                        | ND(0.50)                          | ND(0.42)                       | ND(0.42)                       |
| Hexachloroethane                         |                                                      | ND(1.2)                             | ND(0.43)                        | ND(0.50)                          | ND(0.42)                       | ND(0.42)                       |
| Hexachlorophene                          |                                                      | ND(2.4)                             | ND(0.87)                        | ND(1.0)                           | ND(0.86)                       | ND(0.86)                       |
| Hexachloropropene                        |                                                      | ND(1.2)                             | ND(0.43)                        | ND(0.50)                          | ND(0.42)                       | ND(0.42)                       |
| Indeno(1,2,3-cd)pyrene                   |                                                      | 3.4                                 | ND(0.87)                        | ND(1.0)                           | ND(0.86)                       | 0.94                           |
| Isodrin                                  |                                                      | ND(1.2)                             | ND(0.43)                        | ND(0.50)                          | ND(0.42)                       | ND(0.42)                       |
| Isophorone                               |                                                      | ND(1.2)                             | ND(0.43)                        | ND(0.50)                          | ND(0.42)                       | ND(0.42)                       |
| Isosafrole                               |                                                      | ND(1.2)                             | ND(0.87)                        | ND(1.0)                           | ND(0.86)                       | ND(0.86)                       |
| Methapyrilene                            |                                                      | ND(6.0)                             | ND(2.2)                         | ND(2.6)                           | ND(2.2)                        | ND(2.2)                        |
| Methyl Methanesulfonate                  |                                                      | ND(1.2)                             | ND(0.43)                        | ND(0.50)                          | ND(0.42)                       | ND(0.42)                       |
| Naphthalene                              |                                                      | ND(1.2)                             | ND(0.43)                        | ND(0.50)                          | ND(0.42)                       | ND(0.42)                       |
| Nitrobenzene                             |                                                      | ND(1.2)                             | ND(0.43)                        | ND(0.50)                          | ND(0.42)                       | ND(0.42)                       |
| N-Nitrosodiethylamine                    |                                                      | ND(1.2)                             | ND(0.43)                        | ND(0.50)                          | ND(0.42)                       | ND(0.42)                       |
| N-Nitrosodimethylamine                   |                                                      | ND(1.2)                             | ND(0.87)                        | ND(1.0)                           | ND(0.86)                       | ND(0.86)                       |
| N-Nitroso-di-n-butylamine                |                                                      | ND(1.2)                             | ND(0.87)                        | ND(1.0)                           | ND(0.86)                       | ND(0.86)                       |
| N-Nitroso-di-n-propylamine               |                                                      | ND(1.2)                             | ND(0.87)                        | ND(1.0)                           | ND(0.86)                       | ND(0.86)                       |
| N-Nitrosodiphenylamine                   |                                                      | ND(1.2)                             | ND(0.43)                        | ND(0.50)                          | ND(0.42)                       | ND(0.42)                       |
| N-Nitrosomethylethylamine                |                                                      | ND(2.4)                             | ND(0.87)                        | ND(1.0)                           | ND(0.86)                       | ND(0.86)                       |
| N-Nitrosomorpholine                      |                                                      | ND(1.2)                             | ND(0.43)                        | ND(0.50)                          | ND(0.42)                       | ND(0.42)                       |
| N-Nitrosopiperidine                      |                                                      | ND(1.2)                             | ND(0.43)                        | ND(0.50)                          | ND(0.42)                       | ND(0.42)                       |
| N-Nitrosopyrrolidine                     |                                                      | ND(1.2)                             | ND(0.87)                        | ND(1.0)                           | ND(0.86)                       | ND(0.86)                       |
| o,o,o-Triethylphosphorothioate           |                                                      | ND(1.2)                             | ND(0.43)                        | ND(0.50)                          | ND(0.42)                       | ND(0.42)                       |
| o-Toluidine                              |                                                      | ND(1.2)                             | ND(0.43)                        | ND(0.50)                          | ND(0.42)                       | ND(0.42)                       |
| p-Dimethylaminoazobenzene                |                                                      | ND(6.0)                             | ND(2.2)                         | ND(2.6)                           | ND(2.2)                        | ND(2.2)                        |
| Pentachlorobenzene                       |                                                      | ND(1.2)                             | ND(0.43)                        | ND(0.50)                          | ND(0.42)                       | ND(0.42)                       |
| Pentachloroethane                        |                                                      | ND(1.2)                             | ND(0.43)                        | ND(0.50)                          | ND(0.42)                       | ND(0.42)                       |
| Pentachloronitrobenzene                  |                                                      | ND(6.0)                             | ND(2.2)                         | ND(2.6)                           | ND(2.2)                        | ND(2.2)                        |
| Pentachlorophenol                        |                                                      | ND(2.1)                             | ND(2.2)                         | ND(2.6)                           | ND(2.2)                        | ND(2.2)                        |
| Phenacetin                               |                                                      | ND(6.0)                             | ND(2.2)                         | ND(2.6)                           | ND(2.2)                        | ND(2.2)                        |
| Phenanthrene                             |                                                      | 4.0                                 | ND(0.43)                        | ND(0.50)                          | ND(0.42)                       | ND(0.42)                       |
| Phenol                                   |                                                      | ND(1.2)                             | ND(0.43)                        | ND(0.50)                          | ND(0.42)                       | ND(0.42)                       |
| Pronamide                                |                                                      | ND(1.2)                             | ND(0.43)                        | ND(0.50)                          | ND(0.42)                       | ND(0.42)                       |
| Pyrene                                   |                                                      | 5.4                                 | ND(0.43)                        | ND(0.50)                          | ND(0.42)                       | ND(0.42)                       |
| Pyridine                                 |                                                      | ND(1.2)                             | ND(0.43)                        | ND(0.50)                          | ND(0.42)                       | ND(0.42)                       |
| Safrole                                  |                                                      | ND(1.2)                             | ND(0.43)                        | ND(0.50)                          | ND(0.42)                       | ND(0.42)                       |
| Sulfotep                                 |                                                      | NA                                  | NA                              | NA                                | NA                             | NA                             |
| Thionazin                                |                                                      | ND(1.2)                             | ND(0.43)                        | ND(0.50)                          | ND(0.42)                       | ND(0.42)                       |
| <b>Furans</b>                            |                                                      |                                     |                                 |                                   |                                |                                |
| 2,3,7,8-TCDF                             |                                                      | NA                                  | 0.0000036                       | ND(0.0000014)                     | 0.000014                       | 0.0000033                      |
| TCDFs (total)                            |                                                      | NA                                  | 0.000017                        | ND(0.0000014)                     | ND(0.000096) X                 | ND(0.000021) X                 |
| 1,2,3,7,8-PeCDF                          |                                                      | NA                                  | 0.0000098                       | ND(0.0000011)                     | 0.000040                       | 0.0000012 J                    |
| 2,3,4,7,8-PeCDF                          |                                                      | NA                                  | 0.0000083                       | ND(0.0000011)                     | 0.000052                       | 0.0000012 J                    |
| PeCDFs (total)                           |                                                      | NA                                  | 0.0000080                       | ND(0.0000011)                     | 0.00019                        | ND(0.000010) X                 |
| 1,2,3,4,7,8-HxCDF                        |                                                      | NA                                  | 0.0000015 I                     | ND(0.0000011)                     | 0.000043                       | 0.0000089 J                    |
| 1,2,3,6,7,8-HxCDF                        |                                                      | NA                                  | ND(0.0000011)                   | ND(0.0000011)                     | 0.000025                       | 0.0000050 J                    |
| 1,2,3,7,8,9-HxCDF                        |                                                      | NA                                  | ND(0.0000014)                   | ND(0.0000014)                     | 0.0000069 J                    | 0.0000015 J                    |
| 2,3,4,6,7,8-HxCDF                        |                                                      | NA                                  | ND(0.0000011)                   | ND(0.0000011)                     | 0.000021 J                     | 0.0000034 J                    |
| HxCDFs (total)                           |                                                      | NA                                  | 0.0000020                       | ND(0.0000011)                     | ND(0.000029) X                 | 0.0000039                      |
| 1,2,3,4,6,7,8-HpCDF                      |                                                      | NA                                  | ND(0.0000010) X                 | ND(0.0000013)                     | 0.000064                       | 0.0000090 J                    |
| 1,2,3,4,7,8,9-HpCDF                      |                                                      | NA                                  | ND(0.0000013)                   | ND(0.0000017)                     | 0.0000097 J                    | 0.0000022 J                    |
| HpCDFs (total)                           |                                                      | NA                                  | ND(0.00000092)                  | ND(0.0000013)                     | 0.000012                       | 0.0000015                      |
| OCDF                                     |                                                      | NA                                  | 0.0000012                       | 0.0000068                         | 0.0000048                      | 0.0000066 J                    |
| <b>Dioxins</b>                           |                                                      |                                     |                                 |                                   |                                |                                |
| 2,3,7,8-TCDD                             |                                                      | NA                                  | ND(0.00000044)                  | ND(0.0000023)                     | ND(0.0000024) X                | ND(0.0000016)                  |
| TCDDs (total)                            |                                                      | NA                                  | ND(0.00000044)                  | ND(0.0000023)                     | ND(0.0000031) X                | ND(0.0000010) X                |
| 1,2,3,7,8-PeCDD                          |                                                      | NA                                  | ND(0.00000034)                  | ND(0.0000027)                     | ND(0.0000039) X                | 0.0000016 J                    |
| PeCDDs (total)                           |                                                      | NA                                  | ND(0.00000034)                  | ND(0.0000027)                     | ND(0.0000050) X                | ND(0.0000027) X                |
| 1,2,3,4,7,8-HxCDD                        |                                                      | NA                                  | ND(0.00000012)                  | ND(0.0000018)                     | 0.0000025 J                    | ND(0.0000014) X                |
| 1,2,3,6,7,8-HxCDD                        |                                                      | NA                                  | ND(0.00000012)                  | ND(0.0000017)                     | 0.0000052 J                    | 0.0000031 J                    |
| 1,2,3,7,8,9-HxCDD                        |                                                      | NA                                  | ND(0.00000012)                  | ND(0.0000017)                     | 0.0000052 J                    | 0.0000026 J                    |
| HxCDDs (total)                           |                                                      | NA                                  | ND(0.00000012)                  | ND(0.0000017)                     | ND(0.0000073) X                | ND(0.0000042) X                |
| 1,2,3,4,6,7,8-HpCDD                      |                                                      | NA                                  | 0.0000020                       | 0.0000088                         | 0.00019                        | 0.0000042                      |
| HpCDDs (total)                           |                                                      | NA                                  | 0.0000036                       | 0.0000088                         | 0.000017                       | 0.000010                       |
| OCDD                                     |                                                      | NA                                  | 0.000012 B                      | 0.000010 B                        | 0.00019                        | 0.00012                        |
| Total TEQs (WHO TEFs)                    |                                                      | NA                                  | 0.0000012                       | 0.0000035                         | 0.0000076                      | 0.0000015                      |



**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Parameter         | Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | I9-9-28-SS-9/SB-7<br>2-4<br>12/04/00 | I9-9-28-SS-11<br>0-1<br>12/04/00 | I9-9-28-SS-11<br>10-12<br>12/04/00 | I9-9-29-SB-1<br>0-1<br>12/05/00 | I9-9-29-SB-1<br>4-6<br>12/05/00 |
|-------------------|------------------------------------------------------|--------------------------------------|----------------------------------|------------------------------------|---------------------------------|---------------------------------|
| <b>Inorganics</b> |                                                      |                                      |                                  |                                    |                                 |                                 |
| Aluminum          |                                                      | NA                                   | NA                               | NA                                 | NA                              | NA                              |
| Antimony          |                                                      | ND(11.0)                             | ND(12.0)                         | ND(14.0)                           | ND(12.0)                        | ND(12.0)                        |
| Arsenic           |                                                      | ND(18.0)                             | ND(19.0)                         | ND(23.0)                           | ND(19.0)                        | ND(19.0)                        |
| Barium            |                                                      | 39.0                                 | ND(39.0)                         | ND(46.0)                           | 74.0                            | ND(38.0)                        |
| Beryllium         |                                                      | 0.310                                | 0.340                            | 0.370                              | 0.290                           | 0.250                           |
| Cadmium           |                                                      | ND(1.80)                             | ND(1.90)                         | ND(2.30)                           | ND(1.90)                        | 2.20                            |
| Calcium           |                                                      | NA                                   | NA                               | NA                                 | NA                              | NA                              |
| Chromium          |                                                      | 8.80                                 | 7.80                             | ND(6.10)                           | 9.50                            | 15.0                            |
| Cobalt            |                                                      | ND(9.10)                             | ND(9.70)                         | ND(11.0)                           | ND(9.60)                        | ND(9.60)                        |
| Copper            |                                                      | 26.0                                 | ND(19.0)                         | ND(23.0)                           | 1100                            | 760                             |
| Cyanide           |                                                      | NA                                   | ND(1.00)                         | ND(1.00)                           | ND(1.30)                        | ND(1.00)                        |
| Iron              |                                                      | NA                                   | NA                               | NA                                 | NA                              | NA                              |
| Lead              |                                                      | 46.0                                 | 8.70                             | 5.40                               | 180                             | 82.0                            |
| Magnesium         |                                                      | NA                                   | NA                               | NA                                 | NA                              | NA                              |
| Manganese         |                                                      | NA                                   | NA                               | NA                                 | NA                              | NA                              |
| Mercury           |                                                      | ND(0.240)                            | ND(0.260)                        | ND(0.300)                          | 0.430                           | ND(0.260)                       |
| Nickel            |                                                      | 14.0                                 | 11.0                             | 11.0                               | 37.0                            | 120                             |
| Potassium         |                                                      | NA                                   | NA                               | NA                                 | NA                              | NA                              |
| Selenium          |                                                      | ND(0.910)                            | ND(0.970)                        | ND(1.10)                           | ND(0.960)                       | ND(0.960)                       |
| Silver            |                                                      | ND(0.910)                            | ND(0.970)                        | ND(1.10)                           | ND(0.960)                       | ND(0.960)                       |
| Sodium            |                                                      | NA                                   | NA                               | NA                                 | NA                              | NA                              |
| Sulfide           |                                                      | NA                                   | 8.20                             | 12.0                               | 30.0                            | 71.0                            |
| Thallium          |                                                      | ND(1.80)                             | ND(1.90)                         | ND(2.30)                           | ND(1.90)                        | ND(1.90)                        |
| Tin               |                                                      | ND(54.0)                             | ND(58.0)                         | ND(68.0)                           | ND(58.0)                        | ND(58.0)                        |
| Vanadium          |                                                      | ND(9.10)                             | ND(9.70)                         | ND(11.0)                           | 13.0                            | 16.0                            |
| Zinc              |                                                      | 48.0                                 | 34.0                             | 31.0                               | 460                             | 240                             |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 9-9-29-SB-1<br>14-16<br>12/05/00 | 9-9-29-SB-7<br>0-1<br>09/21/99 | 9-9-29-SB-7<br>2-4<br>09/21/99 | 9-9-29-SB-7<br>4-6<br>12/05/00 | 9-9-29-SB-8<br>0-1<br>09/21/99 | 9-9-29-SB-8<br>2-4<br>09/21/99 |
|------------------------------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| <b>Volatile Organics</b>                             |                                  |                                |                                |                                |                                |                                |
| 1,1,1,2-Tetrachloroethane                            | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| 1,1,1-Trichloroethane                                | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| 1,1,2,2-Tetrachloroethane                            | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| 1,1,2-Trichloroethane                                | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| 1,1-Dichloroethane                                   | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| 1,1-Dichloroethene                                   | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| 1,2,3-Trichloropropane                               | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| 1,2-Dibromo-3-chloropropane                          | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| 1,2-Dibromoethane                                    | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| 1,2-Dichloroethane                                   | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| 1,2-Dichloropropane                                  | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| 1,4-Dioxane                                          | ND(0.20)                         | NA                             | NA                             | NA                             | NA                             | NA                             |
| 2-Butanone                                           | ND(0.10)                         | NA                             | NA                             | NA                             | NA                             | NA                             |
| 2-Chloro-1,3-butadiene                               | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| 2-Chloroethylvinylether                              | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| 2-Hexanone                                           | ND(0.018)                        | NA                             | NA                             | NA                             | NA                             | NA                             |
| 3-Chloropropene                                      | ND(0.018)                        | NA                             | NA                             | NA                             | NA                             | NA                             |
| 4-Methyl-2-pentanone                                 | ND(0.018)                        | NA                             | NA                             | NA                             | NA                             | NA                             |
| Acetone                                              | ND(0.10)                         | NA                             | NA                             | NA                             | NA                             | NA                             |
| Acetonitrile                                         | ND(0.18)                         | NA                             | NA                             | NA                             | NA                             | NA                             |
| Acrolein                                             | ND(0.18)                         | NA                             | NA                             | NA                             | NA                             | NA                             |
| Acrylonitrile                                        | ND(0.018)                        | NA                             | NA                             | NA                             | NA                             | NA                             |
| Benzene                                              | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| Bromodichloromethane                                 | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| Bromoform                                            | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| Bromomethane                                         | ND(0.018)                        | NA                             | NA                             | NA                             | NA                             | NA                             |
| Carbon Disulfide                                     | ND(0.010)                        | NA                             | NA                             | NA                             | NA                             | NA                             |
| Carbon Tetrachloride                                 | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| Chlorobenzene                                        | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| Chloroethane                                         | ND(0.018)                        | NA                             | NA                             | NA                             | NA                             | NA                             |
| Chloroform                                           | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| Chloromethane                                        | ND(0.018)                        | NA                             | NA                             | NA                             | NA                             | NA                             |
| cis-1,3-Dichloropropene                              | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| Dibromochloromethane                                 | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| Dibromomethane                                       | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| Dichlorodifluoromethane                              | ND(0.018)                        | NA                             | NA                             | NA                             | NA                             | NA                             |
| Ethyl Methacrylate                                   | ND(0.018)                        | NA                             | NA                             | NA                             | NA                             | NA                             |
| Ethylbenzene                                         | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| Iodomethane                                          | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| Isobutanol                                           | ND(0.36)                         | NA                             | NA                             | NA                             | NA                             | NA                             |
| Methacrylonitrile                                    | ND(0.018)                        | NA                             | NA                             | NA                             | NA                             | NA                             |
| Methyl Methacrylate                                  | ND(0.018)                        | NA                             | NA                             | NA                             | NA                             | NA                             |
| Methylene Chloride                                   | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| Propionitrile                                        | ND(0.089)                        | NA                             | NA                             | NA                             | NA                             | NA                             |
| Styrene                                              | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| Tetrachloroethene                                    | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| Toluene                                              | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| trans-1,2-Dichloroethene                             | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| trans-1,3-Dichloropropene                            | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| trans-1,4-Dichloro-2-butene                          | ND(0.018)                        | NA                             | NA                             | NA                             | NA                             | NA                             |
| Trichloroethene                                      | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| Trichlorofluoromethane                               | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| Vinyl Acetate                                        | ND(0.018)                        | NA                             | NA                             | NA                             | NA                             | NA                             |
| Vinyl Chloride                                       | ND(0.018)                        | NA                             | NA                             | NA                             | NA                             | NA                             |
| Xylenes (total)                                      | ND(0.0089)                       | NA                             | NA                             | NA                             | NA                             | NA                             |
| <b>Semivolatile Organics</b>                         |                                  |                                |                                |                                |                                |                                |
| 1,2,4,5-Tetrachlorobenzene                           | ND(0.59)                         | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| 1,2,4-Trichlorobenzene                               | ND(0.59)                         | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| 1,2-Dichlorobenzene                                  | ND(0.59)                         | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| 1,2-Diphenylhydrazine                                | ND(0.59)                         | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| 1,3,5-Trinitrobenzene                                | ND(1.2)                          | ND(4.1)                        | ND(0.78)                       | ND(2.6)                        | ND(7.8)                        | ND(0.74)                       |
| 1,3-Dichlorobenzene                                  | ND(0.59)                         | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| 1,3-Dinitrobenzene                                   | ND(3.0)                          | ND(4.1)                        | ND(0.78)                       | ND(6.4)                        | ND(7.8)                        | ND(0.74)                       |
| 1,4-Dichlorobenzene                                  | ND(0.59)                         | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| 1,4-Naphthoquinone                                   | ND(3.0)                          | ND(4.1)                        | ND(0.78)                       | ND(6.4)                        | ND(7.8)                        | ND(0.74)                       |
| 1-Naphthylamine                                      | ND(3.0)                          | ND(4.1)                        | ND(0.78)                       | ND(2.6)                        | ND(7.8)                        | ND(0.74)                       |
| 2,3,4,6-Tetrachlorophenol                            | ND(0.59)                         | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 9-9-29-SB-1<br>14-16<br>12/05/00 | 9-9-29-SB-7<br>0-1<br>09/21/99 | 9-9-29-SB-7<br>2-4<br>09/21/99 | 9-9-29-SB-7<br>4-6<br>12/05/00 | 9-9-29-SB-8<br>0-1<br>09/21/99 | 9-9-29-SB-8<br>2-4<br>09/21/99 |
|------------------------------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                  |                                |                                |                                |                                |                                |
| 2,4,5-Trichlorophenol                                | ND(0.59)                         | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| 2,4,6-Trichlorophenol                                | ND(0.59)                         | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| 2,4-Dichlorophenol                                   | ND(0.59)                         | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| 2,4-Dimethylphenol                                   | ND(0.59)                         | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| 2,4-Dinitrophenol                                    | ND(3.0)                          | ND(18)                         | ND(3.5)                        | ND(2.2)                        | ND(35)                         | ND(3.3)                        |
| 2,4-Dinitrotoluene                                   | ND(3.0)                          | ND(2.0)                        | ND(0.38)                       | ND(2.2)                        | ND(3.9)                        | ND(0.36)                       |
| 2,6-Dichlorophenol                                   | ND(0.59)                         | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| 2,6-Dinitrotoluene                                   | ND(0.59)                         | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| 2-Acetylaminofluorene                                | ND(1.2)                          | ND(4.1)                        | ND(0.78)                       | ND(2.6)                        | ND(7.8)                        | ND(0.74)                       |
| 2-Chloronaphthalene                                  | ND(0.59)                         | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| 2-Chlorophenol                                       | ND(0.59)                         | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| 2-Methylnaphthalene                                  | ND(0.59)                         | 0.80 J                         | ND(0.77)                       | ND(1.3)                        | ND(7.7)                        | ND(0.73)                       |
| 2-Methylphenol                                       | ND(0.59)                         | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| 2-Naphthylamine                                      | ND(3.0)                          | ND(4.1)                        | ND(0.78)                       | ND(2.6)                        | ND(7.8)                        | ND(0.74)                       |
| 2-Nitroaniline                                       | ND(3.0)                          | ND(8.0)                        | ND(1.5)                        | ND(2.2)                        | ND(15)                         | ND(1.4)                        |
| 2-Nitrophenol                                        | ND(1.2)                          | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| 2-Picoline                                           | ND(0.59)                         | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| 3&4-Methylphenol                                     | ND(1.2)                          | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| 3,3'-Dichlorobenzidine                               | ND(3.0)                          | ND(2.0)                        | ND(0.38)                       | ND(2.2)                        | ND(3.9)                        | ND(0.36)                       |
| 3,3'-Dimethylbenzidine                               | ND(3.0)                          | ND(2.0)                        | ND(0.38)                       | ND(6.4)                        | ND(3.9)                        | ND(0.36)                       |
| 3-Methylcholanthrene                                 | ND(1.2)                          | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| 3-Nitroaniline                                       | ND(3.0)                          | ND(8.0)                        | ND(1.5)                        | ND(2.2)                        | ND(15)                         | ND(1.4)                        |
| 4,6-Dinitro-2-methylphenol                           | ND(0.59)                         | ND(20)                         | ND(3.8)                        | ND(1.3)                        | ND(39)                         | ND(3.6)                        |
| 4-Aminobiphenyl                                      | ND(1.2)                          | ND(4.1)                        | ND(0.78)                       | ND(2.6)                        | ND(7.8)                        | ND(0.74)                       |
| 4-Bromophenyl-phenylether                            | ND(0.59)                         | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| 4-Chloro-3-Methylphenol                              | ND(0.59)                         | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| 4-Chloroaniline                                      | ND(1.2)                          | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| 4-Chlorobenzilate                                    | ND(3.0)                          | ND(4.1)                        | ND(0.78)                       | ND(6.4)                        | ND(7.8)                        | ND(0.74)                       |
| 4-Chlorophenyl-phenylether                           | ND(0.59)                         | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| 4-Nitroaniline                                       | ND(3.0)                          | ND(20)                         | ND(3.8)                        | ND(2.2)                        | ND(39)                         | ND(3.6)                        |
| 4-Nitrophenol                                        | ND(3.0)                          | ND(20)                         | ND(3.8)                        | ND(2.2)                        | ND(39)                         | ND(3.6)                        |
| 4-Nitroquinoline-1-oxide                             | ND(3.0)                          | ND(4.1)                        | ND(0.78)                       | ND(6.4)                        | ND(7.8)                        | ND(0.74)                       |
| 4-Phenylenediamine                                   | ND(3.0)                          | ND(4.1)                        | ND(0.78)                       | ND(6.4)                        | ND(7.8)                        | ND(0.74)                       |
| 5-Nitro-o-toluidine                                  | ND(3.0)                          | ND(4.1)                        | ND(0.78)                       | ND(6.4)                        | ND(7.8)                        | ND(0.74)                       |
| 7,12-Dimethylbenz(a)anthracene                       | ND(1.2)                          | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| a,a'-Dimethylphenethylamine                          | ND(3.0)                          | ND(4.1)                        | ND(0.78)                       | ND(6.4)                        | ND(7.8)                        | ND(0.74)                       |
| Acenaphthene                                         | ND(0.59)                         | 1.1 J                          | ND(0.38)                       | ND(1.3)                        | 1.2 J                          | ND(0.36)                       |
| Acenaphthylene                                       | ND(0.59)                         | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| Acetophenone                                         | ND(0.59)                         | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| Aniline                                              | ND(0.59)                         | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| Anthracene                                           | ND(0.59)                         | 2.8                            | ND(0.38)                       | ND(1.3)                        | 2.3 J                          | ND(0.36)                       |
| Aramite                                              | ND(1.2)                          | ND(4.1)                        | ND(0.78)                       | ND(2.6)                        | ND(7.8)                        | ND(0.74)                       |
| Benzidine                                            | ND(1.2)                          | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| Benzo(a)anthracene                                   | ND(0.59)                         | 4.2                            | 0.28 J                         | ND(1.3)                        | 3.2 J                          | 0.17 J                         |
| Benzo(a)pyrene                                       | ND(0.59)                         | 4.3                            | 0.47                           | ND(1.3)                        | 3.4 J                          | 0.29 J                         |
| Benzo(b)fluoranthene                                 | ND(0.59)                         | 3.7                            | 0.95                           | ND(1.3)                        | 3.2 J                          | 0.50                           |
| Benzo(g,h,i)perylene                                 | ND(0.59)                         | 1.5 J                          | 0.24 J                         | ND(1.3)                        | 2.2 J                          | 0.29 J                         |
| Benzo(k)fluoranthene                                 | ND(0.59)                         | 4.1                            | 1.1                            | ND(1.3)                        | 3.4 J                          | 0.41                           |
| Benzoic Acid                                         | NA                               | NA                             | NA                             | NA                             | NA                             | NA                             |
| Benzyl Alcohol                                       | ND(1.2)                          | ND(8.0)                        | ND(1.5)                        | ND(1.3)                        | ND(15)                         | ND(1.4)                        |
| bis(2-Chloroethoxy)methane                           | ND(0.59)                         | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| bis(2-Chloroethyl)ether                              | ND(0.59)                         | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| bis(2-Chloroisopropyl)ether                          | ND(0.59)                         | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| bis(2-Ethylhexyl)phthalate                           | ND(0.59)                         | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| Butylbenzylphthalate                                 | ND(1.2)                          | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| Chrysene                                             | ND(0.59)                         | 4.2                            | 0.36 J                         | ND(1.3)                        | 3.5 J                          | 0.26 J                         |
| Diallate                                             | ND(1.2)                          | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| Dibenzo(a,h)anthracene                               | ND(1.2)                          | 0.63 J                         | 0.13 J                         | ND(1.3)                        | 0.93 J                         | 0.13 J                         |
| Dibenzofuran                                         | ND(0.59)                         | 0.77 J                         | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| Diethylphthalate                                     | ND(0.59)                         | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| Dimethylphthalate                                    | ND(0.59)                         | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| Di-n-Butylphthalate                                  | ND(0.59)                         | ND(2.0)                        | 0.086 J                        | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| Di-n-Octylphthalate                                  | ND(0.59)                         | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| Dinoseb                                              | NA                               | NA                             | NA                             | NA                             | NA                             | NA                             |
| Diphenylamine                                        | ND(0.59)                         | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| Ethyl Methacrylate                                   | NA                               | NA                             | NA                             | NA                             | NA                             | NA                             |
| Ethyl Methanesulfonate                               | ND(0.59)                         | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 9-9-29-SB-1<br>14-16<br>12/05/00 | 9-9-29-SB-7<br>0-1<br>09/21/99 | 9-9-29-SB-7<br>2-4<br>09/21/99 | 9-9-29-SB-7<br>4-6<br>12/05/00 | 9-9-29-SB-8<br>0-1<br>09/21/99 | 9-9-29-SB-8<br>2-4<br>09/21/99 |
|------------------------------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                  |                                |                                |                                |                                |                                |
| Fluoranthene                                         | ND(0.59)                         | 9.6                            | 0.31 J                         | ND(1.3)                        | 8.7                            | 0.14 J                         |
| Fluorene                                             | ND(0.59)                         | 1.7 J                          | ND(0.38)                       | ND(1.3)                        | 1.3 J                          | ND(0.36)                       |
| Hexachlorobenzene                                    | ND(0.59)                         | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| Hexachlorobutadiene                                  | ND(1.2)                          | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| Hexachlorocyclopentadiene                            | ND(0.59)                         | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| Hexachloroethane                                     | ND(0.59)                         | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| Hexachlorophene                                      | ND(1.2)                          | ND(4.1)                        | ND(0.78)                       | ND(2.6)                        | ND(7.8)                        | ND(0.74)                       |
| Hexachloropropene                                    | ND(0.59)                         | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| Indeno(1,2,3-cd)pyrene                               | ND(1.2)                          | 1.6 J                          | 0.27 J                         | ND(1.3)                        | 2.2 J                          | 0.31 J                         |
| Isodrin                                              | ND(0.59)                         | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| Isophorone                                           | ND(0.59)                         | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| Isosafrole                                           | ND(1.2)                          | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| Methapyrilene                                        | ND(3.0)                          | ND(4.1)                        | ND(0.78)                       | ND(6.4)                        | ND(7.8)                        | ND(0.74)                       |
| Methyl Methanesulfonate                              | ND(0.59)                         | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| Naphthalene                                          | ND(0.59)                         | 1.5 J                          | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| Nitrobenzene                                         | ND(0.59)                         | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| N-Nitrosodiethylamine                                | ND(0.59)                         | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| N-Nitrosodimethylamine                               | ND(1.2)                          | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| N-Nitroso-di-n-butylamine                            | ND(1.2)                          | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| N-Nitroso-di-n-propylamine                           | ND(1.2)                          | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| N-Nitrosodiphenylamine                               | ND(0.59)                         | ND(2.0)                        | ND(0.38)                       | ND(1.3)                        | ND(3.9)                        | ND(0.36)                       |
| N-Nitrosomethylethylamine                            | ND(1.2)                          | ND(4.1)                        | ND(0.78)                       | ND(2.6)                        | ND(7.8)                        | ND(0.74)                       |
| N-Nitrosomorpholine                                  | ND(0.59)                         | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| N-Nitrosopiperidine                                  | ND(0.59)                         | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| N-Nitrosopyrrolidine                                 | ND(1.2)                          | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| o,o,o-Triethylphosphorothioate                       | ND(0.59)                         | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| o-Toluidine                                          | ND(0.59)                         | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| p-Dimethylaminoazobenzene                            | ND(3.0)                          | ND(4.1)                        | ND(0.78)                       | ND(6.4)                        | ND(7.8)                        | ND(0.74)                       |
| Pentachlorobenzene                                   | ND(0.59)                         | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| Pentachloroethane                                    | ND(0.59)                         | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| Pentachloronitrobenzene                              | ND(3.0)                          | ND(4.1)                        | ND(0.78)                       | ND(6.4)                        | ND(7.8)                        | ND(0.74)                       |
| Pentachlorophenol                                    | ND(3.0)                          | ND(20)                         | ND(3.8)                        | ND(2.2)                        | ND(39)                         | ND(3.6)                        |
| Phenacetin                                           | ND(3.0)                          | ND(4.1)                        | ND(0.78)                       | ND(6.4)                        | ND(7.8)                        | ND(0.74)                       |
| Phenanthrene                                         | ND(0.59)                         | 11                             | 0.16 J                         | ND(1.3)                        | 10                             | ND(0.36)                       |
| Phenol                                               | ND(0.59)                         | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| Pronamide                                            | ND(0.59)                         | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| Pyrene                                               | ND(0.59)                         | 8.2                            | 0.31 J                         | ND(1.3)                        | 6.6                            | 0.13 J                         |
| Pyridine                                             | ND(0.59)                         | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| Safrole                                              | ND(0.59)                         | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| Sulfotep                                             | NA                               | NA                             | NA                             | NA                             | NA                             | NA                             |
| Thionazin                                            | ND(0.59)                         | ND(4.1)                        | ND(0.78)                       | ND(1.3)                        | ND(7.8)                        | ND(0.74)                       |
| <b>Furans</b>                                        |                                  |                                |                                |                                |                                |                                |
| 2,3,7,8-TCDF                                         | ND(0.0000031) X                  | 0.000098                       | 0.000017                       | NA                             | 0.000082                       | 0.000084                       |
| TCDFs (total)                                        | ND(0.000088) X                   | 0.000043                       | 0.000083                       | NA                             | 0.000037                       | 0.000022                       |
| 1,2,3,7,8-PeCDF                                      | 0.0000028 J                      | 0.000031                       | 0.000065 J                     | NA                             | 0.000021                       | ND(0.000039)                   |
| 2,3,4,7,8-PeCDF                                      | 0.0000053 J                      | ND(0.000020)                   | ND(0.000013)                   | NA                             | 0.000022                       | 0.000038 J                     |
| PeCDFs (total)                                       | ND(0.000055) X                   | 0.000028                       | 0.000051                       | NA                             | 0.000026                       | 0.000078 J                     |
| 1,2,3,4,7,8-HxCDF                                    | 0.0000092 J                      | 0.000053                       | 0.000085 J                     | NA                             | 0.000035                       | ND(0.000088)                   |
| 1,2,3,6,7,8-HxCDF                                    | 0.0000041 J                      | 0.000015                       | ND(0.000066)                   | NA                             | ND(0.000093)                   | ND(0.000092)                   |
| 1,2,3,7,8,9-HxCDF                                    | ND(0.00000084)                   | ND(0.000098)                   | ND(0.000063)                   | NA                             | ND(0.000089)                   | ND(0.000087)                   |
| 2,3,4,6,7,8-HxCDF                                    | 0.0000031 J                      | ND(0.000011)                   | ND(0.000069)                   | NA                             | ND(0.000098)                   | ND(0.000096)                   |
| HxCDFs (total)                                       | 0.0000035                        | 0.000018                       | 0.000018                       | NA                             | 0.000012                       | 0.000013                       |
| 1,2,3,4,6,7,8-HpCDF                                  | 0.0000022 J                      | ND(0.000039)                   | ND(0.000010)                   | NA                             | ND(0.000021)                   | ND(0.000013)                   |
| 1,2,3,4,7,8,9-HpCDF                                  | 0.0000015 J                      | ND(0.000040)                   | ND(0.000011)                   | NA                             | ND(0.000022)                   | ND(0.000013)                   |
| HpCDFs (total)                                       | ND(0.000028) X                   | ND(0.000040)                   | ND(0.000011)                   | NA                             | 0.000028                       | ND(0.000013)                   |
| OCDF                                                 | 0.0000021 J                      | ND(0.000013)                   | ND(0.000020)                   | NA                             | ND(0.000048)                   | ND(0.000014)                   |
| <b>Dioxins</b>                                       |                                  |                                |                                |                                |                                |                                |
| 2,3,7,8-TCDD                                         | ND(0.00000078)                   | ND(0.000023)                   | ND(0.000041)                   | NA                             | ND(0.000054)                   | ND(0.000043)                   |
| TCDDs (total)                                        | 0.0000038                        | 0.000093                       | ND(0.000041)                   | NA                             | ND(0.000054)                   | ND(0.000043)                   |
| 1,2,3,7,8-PeCDD                                      | 0.0000014 J                      | ND(0.000045)                   | ND(0.000041)                   | NA                             | ND(0.000057)                   | ND(0.000042)                   |
| PeCDDs (total)                                       | ND(0.000010) X                   | 0.000025                       | ND(0.000041)                   | NA                             | ND(0.000057)                   | ND(0.000042)                   |
| 1,2,3,4,7,8-HxCDD                                    | ND(0.00000072)                   | ND(0.000071)                   | ND(0.000040)                   | NA                             | ND(0.000066)                   | ND(0.000064)                   |
| 1,2,3,6,7,8-HxCDD                                    | 0.0000015 J                      | ND(0.000088)                   | ND(0.000050)                   | NA                             | ND(0.000081)                   | ND(0.000079)                   |
| 1,2,3,7,8,9-HxCDD                                    | ND(0.00000068)                   | ND(0.000079)                   | ND(0.000045)                   | NA                             | ND(0.000073)                   | ND(0.000071)                   |
| HxCDDs (total)                                       | ND(0.0000071) X                  | 0.000074                       | ND(0.000050)                   | NA                             | ND(0.000081)                   | ND(0.000079)                   |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.0000089 J                      | ND(0.000080)                   | ND(0.000015)                   | NA                             | ND(0.000027)                   | 0.000017                       |
| HpCDDs (total)                                       | 0.0000016                        | 0.000012                       | ND(0.000015)                   | NA                             | 0.000029                       | 0.000017                       |
| OCDD                                                 | 0.0000069                        | 0.000093                       | 0.000027                       | NA                             | 0.000043                       | 0.000059                       |
| Total TEQs (WHO TEFs)                                | 0.0000071                        | 0.000025                       | 0.000092                       | NA                             | 0.000032                       | 0.000010                       |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Parameter         | Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 9-9-29-SB-1<br>14-16<br>12/05/00 | 9-9-29-SB-7<br>0-1<br>09/21/99 | 9-9-29-SB-7<br>2-4<br>09/21/99 | 9-9-29-SB-7<br>4-6<br>12/05/00 | 9-9-29-SB-8<br>0-1<br>09/21/99 | 9-9-29-SB-8<br>2-4<br>09/21/99 |
|-------------------|------------------------------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| <b>Inorganics</b> |                                                      |                                  |                                |                                |                                |                                |                                |
| Aluminum          |                                                      | NA                               | NA                             | NA                             | NA                             | NA                             | NA                             |
| Antimony          |                                                      | ND(16.0)                         | ND(8.99)                       | ND(7.80)                       | 69.0                           | ND(7.92)                       | ND(7.03)                       |
| Arsenic           |                                                      | ND(27.0)                         | 52.5                           | 12.3                           | ND(19.0)                       | 14.2                           | 7.28                           |
| Barium            |                                                      | 66.0                             | 103                            | 117                            | 110                            | 78.1                           | 88.4                           |
| Beryllium         |                                                      | 0.550                            | ND(0.750)                      | ND(0.651)                      | 0.280                          | ND(0.656)                      | ND(0.585)                      |
| Cadmium           |                                                      | 4.60                             | 1.35                           | 0.756                          | ND(1.90)                       | 1.09                           | 0.949                          |
| Calcium           |                                                      | NA                               | NA                             | NA                             | NA                             | NA                             | NA                             |
| Chromium          |                                                      | 16.0                             | 15.6                           | 32.2                           | 11.0                           | 18.9                           | 44.4                           |
| Cobalt            |                                                      | ND(13.0)                         | ND(7.49)                       | ND(6.50)                       | ND(9.70)                       | 7.96                           | ND(5.86)                       |
| Copper            |                                                      | 97.0                             | 116                            | 1010                           | 270                            | ND(6590)                       | ND(23400)                      |
| Cyanide           |                                                      | ND(1.80)                         | NA                             | NA                             | NA                             | NA                             | NA                             |
| Iron              |                                                      | NA                               | NA                             | NA                             | NA                             | NA                             | NA                             |
| Lead              |                                                      | 1200                             | 283                            | 372                            | 850                            | 248                            | 283                            |
| Magnesium         |                                                      | NA                               | NA                             | NA                             | NA                             | NA                             | NA                             |
| Manganese         |                                                      | NA                               | NA                             | NA                             | NA                             | NA                             | NA                             |
| Mercury           |                                                      | 0.670                            | 8.13                           | 0.135                          | 0.290                          | 0.371                          | ND(0.0552)                     |
| Nickel            |                                                      | 32.0                             | 23.4                           | 29.8                           | 14.0                           | 64.1                           | 53.8                           |
| Potassium         |                                                      | NA                               | NA                             | NA                             | NA                             | NA                             | NA                             |
| Selenium          |                                                      | ND(1.30)                         | 1.48                           | ND(0.651)                      | ND(0.970)                      | 0.679                          | ND(0.585)                      |
| Silver            |                                                      | ND(1.30)                         | ND(1.45)                       | ND(1.34)                       | ND(0.970)                      | ND(1.31)                       | ND(1.19)                       |
| Sodium            |                                                      | NA                               | NA                             | NA                             | NA                             | NA                             | NA                             |
| Sulfide           |                                                      | 690                              | NA                             | NA                             | NA                             | NA                             | NA                             |
| Thallium          |                                                      | ND(2.70)                         | ND(7.49)                       | ND(6.50)                       | ND(1.90)                       | ND(6.59)                       | ND(5.86)                       |
| Tin               |                                                      | ND(80.0)                         | ND(74.9)                       | 397                            | 340                            | 100                            | 63.8                           |
| Vanadium          |                                                      | 20.0                             | 23.1                           | 21.0                           | ND(9.70)                       | 24.5                           | 20.8                           |
| Zinc              |                                                      | 720                              | 331                            | 300                            | 380                            | 329                            | 443                            |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-29-SB-8<br>6-8<br>12/05/00 | 19-9-29-SB-9<br>0-1<br>09/21/99 | 19-9-29-SB-9<br>2-4<br>09/21/99 | 19-9-29-SB-9<br>4-6<br>09/21/99 | 19-9-29-SS-4<br>0-1<br>12/05/00 | 19-9-29-SS-4<br>2-4<br>12/05/00 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Volatiles Organics</b>                            |                                 |                                 |                                 |                                 |                                 |                                 |
| 1,1,1,2-Tetrachloroethane                            | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| 1,1,1-Trichloroethane                                | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| 1,1,2,2-Tetrachloroethane                            | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| 1,1,2-Trichloroethane                                | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| 1,1-Dichloroethane                                   | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| 1,1-Dichloroethene                                   | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| 1,2,3-Trichloropropane                               | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| 1,2-Dibromo-3-chloropropane                          | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| 1,2-Dibromoethane                                    | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| 1,2-Dichloroethane                                   | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| 1,2-Dichloropropane                                  | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| 1,4-Dioxane                                          | ND(0.20)                        | NA                              | NA                              | NA                              | ND(0.20)                        | ND(0.20)                        |
| 2-Butanone                                           | ND(0.10)                        | NA                              | NA                              | NA                              | ND(0.10)                        | ND(0.10)                        |
| 2-Chloro-1,3-butadiene                               | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| 2-Chloroethylvinylether                              | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| 2-Hexanone                                           | ND(0.016)                       | NA                              | NA                              | NA                              | ND(0.014)                       | ND(0.012)                       |
| 3-Chloropropene                                      | ND(0.016)                       | NA                              | NA                              | NA                              | ND(0.014)                       | ND(0.012)                       |
| 4-Methyl-2-pentanone                                 | ND(0.016)                       | NA                              | NA                              | NA                              | ND(0.014)                       | ND(0.012)                       |
| Acetone                                              | ND(0.10)                        | NA                              | NA                              | NA                              | ND(0.10)                        | ND(0.10)                        |
| Acetonitrile                                         | ND(0.16)                        | NA                              | NA                              | NA                              | ND(0.14)                        | ND(0.12)                        |
| Acrolein                                             | ND(0.16)                        | NA                              | NA                              | NA                              | ND(0.14)                        | ND(0.12)                        |
| Acrylonitrile                                        | ND(0.016)                       | NA                              | NA                              | NA                              | ND(0.014)                       | ND(0.012)                       |
| Benzene                                              | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| Bromodichloromethane                                 | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| Bromoform                                            | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| Bromomethane                                         | ND(0.016)                       | NA                              | NA                              | NA                              | ND(0.014)                       | ND(0.012)                       |
| Carbon Disulfide                                     | ND(0.010)                       | NA                              | NA                              | NA                              | ND(0.010)                       | ND(0.010)                       |
| Carbon Tetrachloride                                 | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| Chlorobenzene                                        | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| Chloroethane                                         | ND(0.016)                       | NA                              | NA                              | NA                              | ND(0.014)                       | ND(0.012)                       |
| Chloroform                                           | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| Chloromethane                                        | ND(0.016)                       | NA                              | NA                              | NA                              | ND(0.014)                       | ND(0.012)                       |
| cis-1,3-Dichloropropene                              | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| Dibromochloromethane                                 | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| Dibromomethane                                       | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| Dichlorodifluoromethane                              | ND(0.016)                       | NA                              | NA                              | NA                              | ND(0.014)                       | ND(0.012)                       |
| Ethyl Methacrylate                                   | ND(0.016)                       | NA                              | NA                              | NA                              | ND(0.014)                       | ND(0.012)                       |
| Ethylbenzene                                         | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| Iodomethane                                          | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| Isobutanol                                           | ND(0.33)                        | NA                              | NA                              | NA                              | ND(0.28)                        | ND(0.25)                        |
| Methacrylonitrile                                    | ND(0.016)                       | NA                              | NA                              | NA                              | ND(0.014)                       | ND(0.012)                       |
| Methyl Methacrylate                                  | ND(0.016)                       | NA                              | NA                              | NA                              | ND(0.014)                       | ND(0.012)                       |
| Methylene Chloride                                   | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| Propionitrile                                        | ND(0.082)                       | NA                              | NA                              | NA                              | ND(0.071)                       | ND(0.062)                       |
| Styrene                                              | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| Tetrachloroethene                                    | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| Toluene                                              | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| trans-1,2-Dichloroethene                             | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| trans-1,3-Dichloropropene                            | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| trans-1,4-Dichloro-2-butene                          | ND(0.016)                       | NA                              | NA                              | NA                              | ND(0.014)                       | ND(0.012)                       |
| Trichloroethene                                      | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| Trichlorofluoromethane                               | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| Vinyl Acetate                                        | ND(0.016)                       | NA                              | NA                              | NA                              | ND(0.014)                       | ND(0.012)                       |
| Vinyl Chloride                                       | ND(0.016)                       | NA                              | NA                              | NA                              | ND(0.014)                       | ND(0.012)                       |
| Xylenes (total)                                      | ND(0.0082)                      | NA                              | NA                              | NA                              | ND(0.0071)                      | ND(0.0062)                      |
| <b>Semivolatiles Organics</b>                        |                                 |                                 |                                 |                                 |                                 |                                 |
| 1,2,4,5-Tetrachlorobenzene                           | ND(0.55)                        | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.47)                        | ND(0.44)                        |
| 1,2,4-Trichlorobenzene                               | ND(0.55)                        | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| 1,2-Dichlorobenzene                                  | ND(0.55)                        | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| 1,2-Diphenylhydrazine                                | ND(0.55)                        | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| 1,3,5-Trinitrobenzene                                | ND(1.1)                         | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.95)                        | ND(0.87)                        |
| 1,3-Dichlorobenzene                                  | ND(0.55)                        | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| 1,3-Dinitrobenzene                                   | ND(2.8)                         | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(2.4)                         | ND(2.2)                         |
| 1,4-Dichlorobenzene                                  | ND(0.55)                        | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| 1,4-Naphthoquinone                                   | ND(2.8)                         | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(2.4)                         | ND(2.2)                         |
| 1-Naphthylamine                                      | ND(2.8)                         | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(2.4)                         | ND(2.1)                         |
| 2,3,4,6-Tetrachlorophenol                            | ND(0.55)                        | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.47)                        | ND(0.44)                        |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-29-SB-8<br>6-8<br>12/05/00 | 19-9-29-SB-9<br>0-1<br>09/21/99 | 19-9-29-SB-9<br>2-4<br>09/21/99 | 19-9-29-SB-9<br>4-6<br>09/21/99 | 19-9-29-SS-4<br>0-1<br>12/05/00 | 19-9-29-SS-4<br>2-4<br>12/05/00 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                 |                                 |                                 |                                 |                                 |                                 |
| 2,4,5-Trichlorophenol                                | ND(0.55)                        | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.47)                        | ND(0.44)                        |
| 2,4,6-Trichlorophenol                                | ND(0.55)                        | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.47)                        | ND(0.44)                        |
| 2,4-Dichlorophenol                                   | ND(0.55)                        | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.47)                        | ND(0.44)                        |
| 2,4-Dimethylphenol                                   | ND(0.55)                        | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.47)                        | ND(0.44)                        |
| 2,4-Dinitrophenol                                    | ND(2.8)                         | ND(37)                          | ND(3.1)                         | ND(3.3)                         | ND(2.4)                         | ND(2.1)                         |
| 2,4-Dinitrotoluene                                   | ND(2.8)                         | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(2.4)                         | ND(2.1)                         |
| 2,6-Dichlorophenol                                   | ND(0.55)                        | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.47)                        | ND(0.44)                        |
| 2,6-Dinitrotoluene                                   | ND(0.55)                        | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| 2-Acetylaminofluorene                                | ND(1.1)                         | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.95)                        | ND(0.87)                        |
| 2-Chloronaphthalene                                  | ND(0.55)                        | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| 2-Chlorophenol                                       | ND(0.55)                        | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.47)                        | ND(0.44)                        |
| 2-Methylnaphthalene                                  | ND(0.55)                        | 0.91 J                          | ND(0.69)                        | ND(0.73)                        | ND(0.47)                        | ND(0.44)                        |
| 2-Methylphenol                                       | ND(0.55)                        | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| 2-Naphthylamine                                      | ND(2.8)                         | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(2.4)                         | ND(2.1)                         |
| 2-Nitroaniline                                       | ND(2.8)                         | ND(16)                          | ND(1.4)                         | ND(1.4)                         | ND(2.4)                         | ND(2.1)                         |
| 2-Nitrophenol                                        | ND(1.1)                         | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.95)                        | ND(0.84)                        |
| 2-Picoline                                           | ND(0.55)                        | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.47)                        | ND(0.44)                        |
| 3&4-Methylphenol                                     | ND(1.1)                         | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.95)                        | ND(0.84)                        |
| 3,3'-Dichlorobenzidine                               | ND(2.8)                         | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(2.4)                         | ND(2.1)                         |
| 3,3'-Dimethylbenzidine                               | ND(2.8)                         | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(2.4)                         | ND(2.2)                         |
| 3-Methylcholanthrene                                 | ND(1.1)                         | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.95)                        | ND(0.84)                        |
| 3-Nitroaniline                                       | ND(2.8)                         | ND(16)                          | ND(1.4)                         | ND(1.4)                         | ND(2.4)                         | ND(2.1)                         |
| 4,6-Dinitro-2-methylphenol                           | ND(0.55)                        | ND(41)                          | ND(3.5)                         | ND(3.7)                         | ND(0.47)                        | ND(0.44)                        |
| 4-Aminobiphenyl                                      | ND(1.1)                         | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.95)                        | ND(0.87)                        |
| 4-Bromophenyl-phenylether                            | ND(0.55)                        | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| 4-Chloro-3-Methylphenol                              | ND(0.55)                        | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.47)                        | ND(0.44)                        |
| 4-Chloroaniline                                      | ND(1.1)                         | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.95)                        | ND(0.84)                        |
| 4-Chlorobenzilate                                    | ND(2.8)                         | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(2.4)                         | ND(2.2)                         |
| 4-Chlorophenyl-phenylether                           | ND(0.55)                        | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| 4-Nitroaniline                                       | ND(2.8)                         | ND(41)                          | ND(3.5)                         | ND(3.7)                         | ND(2.4)                         | ND(2.1)                         |
| 4-Nitrophenol                                        | ND(2.8)                         | ND(41)                          | ND(3.5)                         | ND(3.7)                         | ND(2.4)                         | ND(2.1)                         |
| 4-Nitroquinoline-1-oxide                             | ND(2.8)                         | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(2.4)                         | ND(2.2)                         |
| 4-Phenylenediamine                                   | ND(2.8)                         | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(2.4)                         | ND(2.2)                         |
| 5-Nitro-o-toluidine                                  | ND(2.8)                         | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(2.4)                         | ND(2.2)                         |
| 7,12-Dimethylbenz(a)anthracene                       | ND(1.1)                         | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.95)                        | ND(0.84)                        |
| a,a'-Dimethylphenethylamine                          | ND(2.8)                         | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(2.4)                         | ND(2.2)                         |
| Acenaphthene                                         | ND(0.55)                        | 4.7                             | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| Acenaphthylene                                       | ND(0.55)                        | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| Acetophenone                                         | ND(0.55)                        | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.47)                        | ND(0.44)                        |
| Aniline                                              | ND(0.55)                        | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| Anthracene                                           | ND(0.55)                        | 9.2                             | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| Aramite                                              | ND(1.1)                         | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.95)                        | ND(0.87)                        |
| Benzidine                                            | ND(1.1)                         | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.95)                        | ND(0.84)                        |
| Benzo(a)anthracene                                   | ND(0.55)                        | 10                              | 0.17 J                          | 0.28 J                          | ND(0.47)                        | ND(0.44)                        |
| Benzo(a)pyrene                                       | ND(0.55)                        | 10                              | 0.17 J                          | 0.52                            | ND(0.47)                        | ND(0.44)                        |
| Benzo(b)fluoranthene                                 | ND(0.55)                        | 11                              | 0.27 J                          | 0.60                            | ND(0.47)                        | ND(0.44)                        |
| Benzo(g,h,i)perylene                                 | ND(0.55)                        | 6.0                             | 0.26 J                          | 0.62                            | ND(0.47)                        | ND(0.44)                        |
| Benzo(k)fluoranthene                                 | ND(0.55)                        | 6.6                             | 0.28 J                          | 0.68                            | ND(0.47)                        | ND(0.44)                        |
| Benzoic Acid                                         | NA                              | NA                              | NA                              | NA                              | NA                              | NA                              |
| Benzyl Alcohol                                       | ND(1.1)                         | ND(16)                          | ND(1.4)                         | ND(1.4)                         | ND(0.95)                        | ND(0.84)                        |
| bis(2-Chloroethoxy)methane                           | ND(0.55)                        | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| bis(2-Chloroethyl)ether                              | ND(0.55)                        | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| bis(2-Chloroisopropyl)ether                          | ND(0.55)                        | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| bis(2-Ethylhexyl)phthalate                           | ND(0.55)                        | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| Butylbenzylphthalate                                 | ND(1.1)                         | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.95)                        | ND(0.84)                        |
| Chrysene                                             | ND(0.55)                        | 11                              | 0.21 J                          | 0.40                            | ND(0.47)                        | ND(0.44)                        |
| Diallate                                             | ND(1.1)                         | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.95)                        | ND(0.84)                        |
| Dibenzo(a,h)anthracene                               | ND(1.1)                         | 2.6 J                           | 0.10 J                          | 0.24 J                          | ND(0.95)                        | ND(0.84)                        |
| Dibenzofuran                                         | ND(0.55)                        | 3.1 J                           | ND(0.70)                        | ND(0.75)                        | ND(0.47)                        | ND(0.44)                        |
| Diethylphthalate                                     | ND(0.55)                        | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| Dimethylphthalate                                    | ND(0.55)                        | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| Di-n-Butylphthalate                                  | ND(0.55)                        | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| Di-n-Octylphthalate                                  | ND(0.55)                        | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| Dinoseb                                              | NA                              | NA                              | NA                              | NA                              | NA                              | NA                              |
| Diphenylamine                                        | ND(0.55)                        | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.47)                        | ND(0.44)                        |
| Ethyl Methacrylate                                   | NA                              | NA                              | NA                              | NA                              | NA                              | NA                              |
| Ethyl Methanesulfonate                               | ND(0.55)                        | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.47)                        | ND(0.44)                        |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-29-SB-8<br>6-8<br>12/05/00 | 19-9-29-SB-9<br>0-1<br>09/21/99 | 19-9-29-SB-9<br>2-4<br>09/21/99 | 19-9-29-SB-9<br>4-6<br>09/21/99 | 19-9-29-SS-4<br>0-1<br>12/05/00 | 19-9-29-SS-4<br>2-4<br>12/05/00 |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                 |                                 |                                 |                                 |                                 |                                 |
| Fluoranthene                                         | ND(0.55)                        | 30                              | 0.44                            | 0.28 J                          | ND(0.47)                        | ND(0.44)                        |
| Fluorene                                             | ND(0.55)                        | 5.9                             | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| Hexachlorobenzene                                    | ND(0.55)                        | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| Hexachlorobutadiene                                  | ND(1.1)                         | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.95)                        | ND(0.84)                        |
| Hexachlorocyclopentadiene                            | ND(0.55)                        | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| Hexachloroethane                                     | ND(0.55)                        | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| Hexachlorophene                                      | ND(1.1)                         | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.95)                        | ND(0.87)                        |
| Hexachloropropene                                    | ND(0.55)                        | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.47)                        | ND(0.44)                        |
| Indeno(1,2,3-cd)pyrene                               | ND(1.1)                         | 5.9                             | 0.24 J                          | 0.59                            | ND(0.95)                        | ND(0.84)                        |
| Isodrin                                              | ND(0.55)                        | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.47)                        | ND(0.44)                        |
| Isophorone                                           | ND(0.55)                        | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| Isosafrole                                           | ND(1.1)                         | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.95)                        | ND(0.84)                        |
| Methapyrilene                                        | ND(2.8)                         | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(2.4)                         | ND(2.2)                         |
| Methyl Methanesulfonate                              | ND(0.55)                        | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.47)                        | ND(0.44)                        |
| Naphthalene                                          | ND(0.55)                        | 1.9 J                           | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| Nitrobenzene                                         | ND(0.55)                        | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| N-Nitrosodiethylamine                                | ND(0.55)                        | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| N-Nitrosodimethylamine                               | ND(1.1)                         | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.95)                        | ND(0.84)                        |
| N-Nitroso-di-n-butylamine                            | ND(1.1)                         | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.95)                        | ND(0.84)                        |
| N-Nitroso-di-n-propylamine                           | ND(1.1)                         | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.95)                        | ND(0.84)                        |
| N-Nitrosodiphenylamine                               | ND(0.55)                        | ND(4.1)                         | ND(0.35)                        | ND(0.37)                        | ND(0.47)                        | ND(0.44)                        |
| N-Nitrosomethylethylamine                            | ND(1.1)                         | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.95)                        | ND(0.87)                        |
| N-Nitrosomorpholine                                  | ND(0.55)                        | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.47)                        | ND(0.44)                        |
| N-Nitrosopiperidine                                  | ND(0.55)                        | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.47)                        | ND(0.44)                        |
| N-Nitrosopyrrolidine                                 | ND(1.1)                         | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.95)                        | ND(0.84)                        |
| o,o,o-Triethylphosphorothioate                       | ND(0.55)                        | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.47)                        | ND(0.44)                        |
| o-Toluidine                                          | ND(0.55)                        | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.47)                        | ND(0.44)                        |
| p-Dimethylaminoazobenzene                            | ND(2.8)                         | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(2.4)                         | ND(2.2)                         |
| Pentachlorobenzene                                   | ND(0.55)                        | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.47)                        | ND(0.44)                        |
| Pentachloroethane                                    | ND(0.55)                        | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.47)                        | ND(0.44)                        |
| Pentachloronitrobenzene                              | ND(2.8)                         | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(2.4)                         | ND(2.2)                         |
| Pentachlorophenol                                    | ND(2.8)                         | ND(41)                          | ND(3.5)                         | ND(3.7)                         | ND(2.4)                         | ND(2.1)                         |
| Phenacetin                                           | ND(2.8)                         | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(2.4)                         | ND(2.2)                         |
| Phenanthrene                                         | ND(0.55)                        | 32                              | 0.40                            | 0.095 J                         | ND(0.47)                        | ND(0.44)                        |
| Phenol                                               | ND(0.55)                        | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.47)                        | ND(0.44)                        |
| Pronamide                                            | ND(0.55)                        | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.47)                        | ND(0.44)                        |
| Pyrene                                               | ND(0.55)                        | 20                              | 0.29 J                          | 0.24 J                          | ND(0.47)                        | ND(0.44)                        |
| Pyridine                                             | ND(0.55)                        | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.47)                        | ND(0.44)                        |
| Safrole                                              | ND(0.55)                        | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.47)                        | ND(0.44)                        |
| Sulfotep                                             | NA                              | NA                              | NA                              | NA                              | NA                              | NA                              |
| Thionazin                                            | ND(0.55)                        | ND(8.3)                         | ND(0.70)                        | ND(0.75)                        | ND(0.47)                        | ND(0.44)                        |
| <b>Furans</b>                                        |                                 |                                 |                                 |                                 |                                 |                                 |
| 2,3,7,8-TCDF                                         | 0.0000013                       | 0.000051                        | 0.000043                        | 0.000010                        | 0.000015                        | 0.000011                        |
| TCDFs (total)                                        | ND(0.000022) X                  | 0.00050                         | 0.000018                        | 0.000021                        | 0.00014                         | ND(0.000031) X                  |
| 1,2,3,7,8-PeCDF                                      | 0.0000097 J                     | 0.000031                        | ND(0.000011)                    | 0.000021 J                      | 0.0000057                       | 0.0000036 J                     |
| 2,3,4,7,8-PeCDF                                      | 0.0000016 J                     | ND(0.000036)                    | ND(0.000035)                    | 0.000034 J                      | 0.0000080                       | 0.000010 J                      |
| PeCDFs (total)                                       | 0.000018                        | 0.00040                         | ND(0.000035)                    | 0.000023                        | 0.000095                        | 0.000046                        |
| 1,2,3,4,7,8-HxCDF                                    | 0.0000015 J                     | 0.000052                        | ND(0.000081)                    | ND(0.000015)                    | 0.0000078                       | 0.0000069 J                     |
| 1,2,3,6,7,8-HxCDF                                    | 0.0000014 J                     | 0.000020                        | ND(0.000084)                    | ND(0.000016)                    | 0.0000046                       | 0.0000039 J                     |
| 1,2,3,7,8,9-HxCDF                                    | 0.0000042 J                     | ND(0.000037)                    | ND(0.000080)                    | ND(0.000015)                    | 0.0000080 J                     | 0.0000033 J                     |
| 2,3,4,6,7,8-HxCDF                                    | 0.0000015 J                     | 0.000099 J                      | ND(0.000088)                    | ND(0.000017)                    | 0.0000052                       | 0.0000039 J                     |
| HxCDFs (total)                                       | ND(0.000013) X                  | 0.00018                         | ND(0.000088)                    | ND(0.000017)                    | 0.000077                        | ND(0.000030) X                  |
| 1,2,3,4,6,7,8-HpCDF                                  | 0.0000043                       | 0.000047                        | ND(0.000016)                    | ND(0.000055)                    | 0.000018                        | 0.0000077 J                     |
| 1,2,3,4,7,8,9-HpCDF                                  | 0.0000035 J                     | ND(0.000019)                    | ND(0.000081)                    | ND(0.000057)                    | 0.0000018 J                     | 0.0000027 J                     |
| HpCDFs (total)                                       | ND(0.000059) X                  | 0.000073                        | ND(0.000081)                    | ND(0.000057)                    | 0.000034                        | 0.000015                        |
| OCDF                                                 | 0.0000017 J                     | ND(0.000070)                    | ND(0.000012)                    | ND(0.000037)                    | 0.000020                        | ND(0.0000090) X                 |
| <b>Dioxins</b>                                       |                                 |                                 |                                 |                                 |                                 |                                 |
| 2,3,7,8-TCDD                                         | ND(0.00000085)                  | ND(0.0000089)                   | ND(0.000041)                    | ND(0.000052)                    | ND(0.0000027) X                 | ND(0.00000070)                  |
| TCDDs (total)                                        | ND(0.000018) X                  | ND(0.000089)                    | ND(0.000041)                    | ND(0.000052)                    | ND(0.000071) X                  | ND(0.0000027)                   |
| 1,2,3,7,8-PeCDD                                      | 0.0000042 J                     | ND(0.000094)                    | ND(0.000047)                    | ND(0.000066)                    | 0.0000057 J                     | 0.0000062 J                     |
| PeCDDs (total)                                       | 0.000060                        | ND(0.000094)                    | ND(0.000047)                    | ND(0.000066)                    | ND(0.000095) X                  | ND(0.0000040)                   |
| 1,2,3,4,7,8-HxCDD                                    | 0.0000028 J                     | ND(0.000026)                    | ND(0.000011)                    | ND(0.000070)                    | ND(0.0000047) X                 | ND(0.0000068)                   |
| 1,2,3,6,7,8-HxCDD                                    | 0.0000044 J                     | ND(0.000032)                    | ND(0.000014)                    | ND(0.000086)                    | 0.0000014 J                     | ND(0.00000072)                  |
| 1,2,3,7,8,9-HxCDD                                    | 0.0000031 J                     | ND(0.000029)                    | ND(0.000013)                    | 0.000018                        | 0.0000087 J                     | ND(0.00000065)                  |
| HxCDDs (total)                                       | ND(0.000057) X                  | 0.000032                        | ND(0.000014)                    | 0.000018                        | ND(0.000013) X                  | 0.0000019 J                     |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.0000020 J                     | ND(0.000041)                    | ND(0.000084)                    | 0.000060                        | 0.000022                        | 0.0000056 J                     |
| HpCDDs (total)                                       | 0.0000038                       | ND(0.000041)                    | ND(0.000084)                    | 0.000015                        | 0.000041                        | 0.0000096                       |
| OCDD                                                 | 0.0000031 J                     | 0.00022                         | 0.00023                         | 0.00087                         | 0.00017                         | 0.000042                        |
| Total TEQs (WHO TEFs)                                | 0.0000021                       | 0.000026                        | 0.000010                        | 0.000016                        | 0.000090                        | 0.0000094                       |



**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Parameter         | Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-29-SB-8<br>6-8<br>12/05/00 | 19-9-29-SB-9<br>0-1<br>09/21/99 | 19-9-29-SB-9<br>2-4<br>09/21/99 | 19-9-29-SB-9<br>4-6<br>09/21/99 | 19-9-29-SS-4<br>0-1<br>12/05/00 | 19-9-29-SS-4<br>2-4<br>12/05/00 |
|-------------------|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Inorganics</b> |                                                      |                                 |                                 |                                 |                                 |                                 |                                 |
| Aluminum          |                                                      | NA                              | NA                              | NA                              | NA                              | NA                              | NA                              |
| Antimony          |                                                      | ND(15.0)                        | ND(8.09)                        | ND(5.98)                        | ND(7.35)                        | ND(13.0)                        | ND(11.0)                        |
| Arsenic           |                                                      | ND(25.0)                        | 17.3                            | 6.81                            | 11.6                            | ND(21.0)                        | ND(19.0)                        |
| Barium            |                                                      | 270                             | 84.8                            | 127                             | 79.5                            | 60.0                            | ND(37.0)                        |
| Beryllium         |                                                      | 0.400                           | ND(0.672)                       | ND(0.503)                       | ND(0.612)                       | 0.310                           | ND(0.190)                       |
| Cadmium           |                                                      | ND(2.50)                        | 0.872                           | 0.524                           | ND(0.612)                       | ND(2.10)                        | ND(1.90)                        |
| Calcium           |                                                      | NA                              | NA                              | NA                              | NA                              | NA                              | NA                              |
| Chromium          |                                                      | 13.0                            | 11.5                            | 24.9                            | 24.4                            | 14.0                            | 12.0                            |
| Cobalt            |                                                      | ND(12.0)                        | 8.34                            | ND(4.98)                        | 9.45                            | ND(11.0)                        | ND(9.40)                        |
| Copper            |                                                      | 180                             | 328                             | ND(4980)                        | 437                             | 44.0                            | ND(19.0)                        |
| Cyanide           |                                                      | ND(1.60)                        | NA                              | NA                              | NA                              | ND(1.40)                        | ND(1.20)                        |
| Iron              |                                                      | NA                              | NA                              | NA                              | NA                              | NA                              | NA                              |
| Lead              |                                                      | 1800                            | 210                             | 135                             | 43.0                            | 160                             | 91.0                            |
| Magnesium         |                                                      | NA                              | NA                              | NA                              | NA                              | NA                              | NA                              |
| Manganese         |                                                      | NA                              | NA                              | NA                              | NA                              | NA                              | NA                              |
| Mercury           |                                                      | 44.0                            | 1.23                            | 0.0530                          | 0.449                           | 0.650                           | ND(0.250)                       |
| Nickel            |                                                      | 16.0                            | 23.3                            | 46.0                            | 131                             | 17.0                            | ND(7.50)                        |
| Potassium         |                                                      | NA                              | NA                              | NA                              | NA                              | NA                              | NA                              |
| Selenium          |                                                      | ND(1.20)                        | ND(0.672)                       | 1.03                            | 0.868                           | ND(1.10)                        | ND(0.940)                       |
| Silver            |                                                      | ND(1.20)                        | ND(1.49)                        | ND(1.09)                        | ND(1.16)                        | ND(1.10)                        | ND(0.940)                       |
| Sodium            |                                                      | NA                              | NA                              | NA                              | NA                              | NA                              | NA                              |
| Sulfide           |                                                      | 18.0                            | NA                              | NA                              | NA                              | 8.90                            | ND(6.20)                        |
| Thallium          |                                                      | ND(2.50)                        | ND(6.74)                        | ND(1.05)                        | ND(1.11)                        | ND(2.10)                        | ND(1.90)                        |
| Tin               |                                                      | 410                             | 68.6                            | 109                             | ND(61.3)                        | ND(64.0)                        | ND(56.0)                        |
| Vanadium          |                                                      | 19.0                            | 17.9                            | 26.4                            | 39.6                            | 14.0                            | ND(9.40)                        |
| Zinc              |                                                      | 370                             | 276                             | 263                             | 158                             | 140                             | 43.0                            |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-29-SS-4<br>12-14<br>12/05/00 | 19-9-29-SS-7<br>0-1<br>12/05/00 | 19-9-29-SS-7<br>2-4<br>12/05/00 | 19-9-29-SS-7<br>6-8<br>12/05/00 | 19-9-29-SS-10<br>0-1<br>12/05/00 |
|------------------------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------|
| <b>Volatile Organics</b>                             |                                   |                                 |                                 |                                 |                                  |
| 1,1,1,2-Tetrachloroethane                            | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| 1,1,1-Trichloroethane                                | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| 1,1,2,2-Tetrachloroethane                            | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| 1,1,2-Trichloroethane                                | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| 1,1-Dichloroethane                                   | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| 1,1-Dichloroethene                                   | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| 1,2,3-Trichloropropane                               | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| 1,2-Dibromo-3-chloropropane                          | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| 1,2-Dibromoethane                                    | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| 1,2-Dichloroethane                                   | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| 1,2-Dichloropropane                                  | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| 1,4-Dioxane                                          | ND(0.20) [ND(0.20)]               | NA                              | NA                              | ND(0.20)                        | ND(0.20)                         |
| 2-Butanone                                           | ND(0.10) [ND(0.10)]               | NA                              | NA                              | ND(0.10)                        | ND(0.10)                         |
| 2-Chloro-1,3-butadiene                               | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| 2-Chloroethylvinylether                              | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| 2-Hexanone                                           | ND(0.014) [ND(0.014)]             | NA                              | NA                              | ND(0.012)                       | ND(0.014)                        |
| 3-Chloropropene                                      | ND(0.014) [ND(0.014)]             | NA                              | NA                              | ND(0.012)                       | ND(0.014)                        |
| 4-Methyl-2-pentanone                                 | ND(0.014) [ND(0.014)]             | NA                              | NA                              | ND(0.012)                       | ND(0.014)                        |
| Acetone                                              | ND(0.10) [ND(0.10)]               | NA                              | NA                              | ND(0.10)                        | ND(0.10)                         |
| Acetonitrile                                         | ND(0.14) [ND(0.14)]               | NA                              | NA                              | ND(0.12)                        | ND(0.14)                         |
| Acrolein                                             | ND(0.14) [ND(0.14)]               | NA                              | NA                              | ND(0.12)                        | ND(0.14)                         |
| Acrylonitrile                                        | ND(0.014) [ND(0.014)]             | NA                              | NA                              | ND(0.012)                       | ND(0.014)                        |
| Benzene                                              | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| Bromodichloromethane                                 | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| Bromoform                                            | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| Bromomethane                                         | ND(0.014) [ND(0.014)]             | NA                              | NA                              | ND(0.012)                       | ND(0.014)                        |
| Carbon Disulfide                                     | ND(0.010) [ND(0.010)]             | NA                              | NA                              | ND(0.010)                       | ND(0.010)                        |
| Carbon Tetrachloride                                 | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| Chlorobenzene                                        | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| Chloroethane                                         | ND(0.014) [ND(0.014)]             | NA                              | NA                              | ND(0.012)                       | ND(0.014)                        |
| Chloroform                                           | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| Chloromethane                                        | ND(0.014) [ND(0.014)]             | NA                              | NA                              | ND(0.012)                       | ND(0.014)                        |
| cis-1,3-Dichloropropene                              | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| Dibromochloromethane                                 | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| Dibromomethane                                       | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| Dichlorodifluoromethane                              | ND(0.014) [ND(0.014)]             | NA                              | NA                              | ND(0.012)                       | ND(0.014)                        |
| Ethyl Methacrylate                                   | ND(0.014) [ND(0.014)]             | NA                              | NA                              | ND(0.012)                       | ND(0.014)                        |
| Ethylbenzene                                         | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| Iodomethane                                          | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| Isobutanol                                           | ND(0.28) [ND(0.28)]               | NA                              | NA                              | ND(0.25)                        | ND(0.28)                         |
| Methacrylonitrile                                    | ND(0.014) [ND(0.014)]             | NA                              | NA                              | ND(0.012)                       | ND(0.014)                        |
| Methyl Methacrylate                                  | ND(0.014) [ND(0.014)]             | NA                              | NA                              | ND(0.012)                       | ND(0.014)                        |
| Methylene Chloride                                   | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| Propionitrile                                        | ND(0.071) [ND(0.070)]             | NA                              | NA                              | ND(0.062)                       | ND(0.070)                        |
| Styrene                                              | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| Tetrachloroethene                                    | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| Toluene                                              | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| trans-1,2-Dichloroethene                             | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| trans-1,3-Dichloropropene                            | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| trans-1,4-Dichloro-2-butene                          | ND(0.014) [ND(0.014)]             | NA                              | NA                              | ND(0.012)                       | ND(0.014)                        |
| Trichloroethene                                      | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| Trichlorofluoromethane                               | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| Vinyl Acetate                                        | ND(0.014) [ND(0.014)]             | NA                              | NA                              | ND(0.012)                       | ND(0.014)                        |
| Vinyl Chloride                                       | ND(0.014) [ND(0.014)]             | NA                              | NA                              | ND(0.012)                       | ND(0.014)                        |
| Xylenes (total)                                      | ND(0.0071) [ND(0.0070)]           | NA                              | NA                              | ND(0.0062)                      | ND(0.0070)                       |
| <b>Semivolatile Organics</b>                         |                                   |                                 |                                 |                                 |                                  |
| 1,2,4,5-Tetrachlorobenzene                           | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| 1,2,4-Trichlorobenzene                               | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| 1,2-Dichlorobenzene                                  | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| 1,2-Diphenylhydrazine                                | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| 1,3,5-Trinitrobenzene                                | ND(0.98) [ND(0.93)]               | ND(4.9)                         | ND(8.7)                         | ND(0.83)                        | ND(2.8)                          |
| 1,3-Dichlorobenzene                                  | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| 1,3-Dinitrobenzene                                   | ND(2.4) [ND(2.4)]                 | ND(12)                          | ND(22)                          | ND(2.1)                         | ND(6.9)                          |
| 1,4-Dichlorobenzene                                  | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| 1,4-Naphthoquinone                                   | ND(2.4) [ND(2.4)]                 | ND(12)                          | ND(22)                          | ND(2.1)                         | ND(6.9)                          |
| 1-Naphthylamine                                      | ND(2.4) [ND(2.4)]                 | ND(4.9)                         | ND(8.7)                         | ND(2.1)                         | ND(2.8)                          |
| 2,3,4,6-Tetrachlorophenol                            | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-29-SS-4<br>12-14<br>12/05/00 | 19-9-29-SS-7<br>0-1<br>12/05/00 | 19-9-29-SS-7<br>2-4<br>12/05/00 | 19-9-29-SS-7<br>6-8<br>12/05/00 | 19-9-29-SS-10<br>0-1<br>12/05/00 |
|------------------------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                   |                                 |                                 |                                 |                                  |
| 2,4,5-Trichlorophenol                                | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| 2,4,6-Trichlorophenol                                | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| 2,4-Dichlorophenol                                   | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| 2,4-Dimethylphenol                                   | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| 2,4-Dinitrophenol                                    | ND(2.4) [ND(2.4)]                 | ND(2.5)                         | ND(4.3)                         | ND(2.1)                         | ND(2.4)                          |
| 2,4-Dinitrotoluene                                   | ND(2.4) [ND(2.4)]                 | ND(2.5)                         | ND(4.3)                         | ND(2.1)                         | ND(2.4)                          |
| 2,6-Dichlorophenol                                   | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| 2,6-Dinitrotoluene                                   | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| 2-Acetylaminofluorene                                | ND(0.98) [ND(0.93)]               | ND(4.9)                         | ND(8.7)                         | ND(0.83)                        | ND(2.8)                          |
| 2-Chloronaphthalene                                  | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| 2-Chlorophenol                                       | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| 2-Methylnaphthalene                                  | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| 2-Methylphenol                                       | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| 2-Naphthylamine                                      | ND(2.4) [ND(2.4)]                 | ND(4.9)                         | ND(8.7)                         | ND(2.1)                         | ND(2.8)                          |
| 2-Nitroaniline                                       | ND(2.4) [ND(2.4)]                 | ND(2.5)                         | ND(4.3)                         | ND(2.1)                         | ND(2.4)                          |
| 2-Nitrophenol                                        | ND(0.96) [ND(0.93)]               | ND(2.5)                         | ND(4.3)                         | ND(0.83)                        | ND(1.4)                          |
| 2-Picoline                                           | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| 3&4-Methylphenol                                     | ND(0.96) [ND(0.93)]               | ND(2.5)                         | ND(4.3)                         | ND(0.83)                        | ND(1.4)                          |
| 3,3'-Dichlorobenzidine                               | ND(2.4) [ND(2.4)]                 | ND(2.5)                         | ND(4.3)                         | ND(2.1)                         | ND(2.4)                          |
| 3,3'-Dimethylbenzidine                               | ND(2.4) [ND(2.4)]                 | ND(12)                          | ND(22)                          | ND(2.1)                         | ND(6.9)                          |
| 3-Methylcholanthrene                                 | ND(0.96) [ND(0.93)]               | ND(2.5)                         | ND(4.3)                         | ND(0.83)                        | ND(1.4)                          |
| 3-Nitroaniline                                       | ND(2.4) [ND(2.4)]                 | ND(2.5)                         | ND(4.3)                         | ND(2.1)                         | ND(2.4)                          |
| 4,6-Dinitro-2-methylphenol                           | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| 4-Aminobiphenyl                                      | ND(0.98) [ND(0.93)]               | ND(4.9)                         | ND(8.7)                         | ND(0.83)                        | ND(2.8)                          |
| 4-Bromophenyl-phenylether                            | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| 4-Chloro-3-Methylphenol                              | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| 4-Chloroaniline                                      | ND(0.96) [ND(0.93)]               | ND(2.5)                         | ND(4.3)                         | ND(0.83)                        | ND(1.4)                          |
| 4-Chlorobenzilate                                    | ND(2.4) [ND(2.4)]                 | ND(12)                          | ND(22)                          | ND(2.1)                         | ND(6.9)                          |
| 4-Chlorophenyl-phenylether                           | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| 4-Nitroaniline                                       | ND(2.4) [ND(2.4)]                 | ND(2.5)                         | ND(4.3)                         | ND(2.1)                         | ND(2.4)                          |
| 4-Nitrophenol                                        | ND(2.4) [ND(2.4)]                 | ND(2.5)                         | ND(4.3)                         | ND(2.1)                         | ND(2.4)                          |
| 4-Nitroquinoline-1-oxide                             | ND(2.4) [ND(2.4)]                 | ND(12)                          | ND(22)                          | ND(2.1)                         | ND(6.9)                          |
| 4-Phenylenediamine                                   | ND(2.4) [ND(2.4)]                 | ND(12)                          | ND(22)                          | ND(2.1)                         | ND(6.9)                          |
| 5-Nitro-o-toluidine                                  | ND(2.4) [ND(2.4)]                 | ND(12)                          | ND(22)                          | ND(2.1)                         | ND(6.9)                          |
| 7,12-Dimethylbenz(a)anthracene                       | ND(0.96) [ND(0.93)]               | ND(2.5)                         | ND(4.3)                         | ND(0.83)                        | ND(1.4)                          |
| a,a'-Dimethylphenethylamine                          | ND(2.4) [ND(2.4)]                 | ND(12)                          | ND(22)                          | ND(2.1)                         | ND(6.9)                          |
| Acenaphthene                                         | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Acenaphthylene                                       | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Acetophenone                                         | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Aniline                                              | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Anthracene                                           | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Aramite                                              | ND(0.98) [ND(0.93)]               | ND(4.9)                         | ND(8.7)                         | ND(0.83)                        | ND(2.8)                          |
| Benzidine                                            | ND(0.96) [ND(0.93)]               | ND(2.5)                         | ND(4.3)                         | ND(0.83)                        | ND(1.4)                          |
| Benzo(a)anthracene                                   | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Benzo(a)pyrene                                       | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Benzo(b)fluoranthene                                 | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.40)                        | ND(1.4)                          |
| Benzo(g,h,i)perylene                                 | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Benzo(k)fluoranthene                                 | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Benzoic Acid                                         | NA                                | NA                              | NA                              | NA                              | NA                               |
| Benzyl Alcohol                                       | ND(0.96) [ND(0.93)]               | ND(2.5)                         | ND(4.3)                         | ND(0.83)                        | ND(1.4)                          |
| bis(2-Chloroethoxy)methane                           | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| bis(2-Chloroethyl)ether                              | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| bis(2-Chloroisopropyl)ether                          | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| bis(2-Ethylhexyl)phthalate                           | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Butylbenzylphthalate                                 | ND(0.96) [ND(0.93)]               | ND(2.5)                         | ND(4.3)                         | ND(0.83)                        | ND(1.4)                          |
| Chrysene                                             | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Diallate                                             | ND(0.96) [ND(0.93)]               | ND(2.5)                         | ND(4.3)                         | ND(0.83)                        | ND(1.4)                          |
| Dibenzo(a,h)anthracene                               | ND(0.96) [ND(0.93)]               | ND(2.5)                         | ND(4.3)                         | ND(0.83)                        | ND(1.4)                          |
| Dibenzofuran                                         | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Diethylphthalate                                     | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Dimethylphthalate                                    | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Di-n-Butylphthalate                                  | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Di-n-Octylphthalate                                  | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Dinoseb                                              | NA                                | NA                              | NA                              | NA                              | NA                               |
| Diphenylamine                                        | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Ethyl Methacrylate                                   | NA                                | NA                              | NA                              | NA                              | NA                               |
| Ethyl Methanesulfonate                               | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-29-SS-4<br>12-14<br>12/05/00 | 19-9-29-SS-7<br>0-1<br>12/05/00 | 19-9-29-SS-7<br>2-4<br>12/05/00 | 19-9-29-SS-7<br>6-8<br>12/05/00 | 19-9-29-SS-10<br>0-1<br>12/05/00 |
|------------------------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                   |                                 |                                 |                                 |                                  |
| Fluoranthene                                         | ND(0.49) [ND(0.46)]               | ND(2.5)                         | 4.5                             | ND(0.41)                        | 1.4                              |
| Fluorene                                             | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Hexachlorobenzene                                    | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Hexachlorobutadiene                                  | ND(0.96) [ND(0.93)]               | ND(2.5)                         | ND(4.3)                         | ND(0.83)                        | ND(1.4)                          |
| Hexachlorocyclopentadiene                            | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Hexachloroethane                                     | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Hexachlorophene                                      | ND(0.98) [ND(0.93)]               | ND(4.9)                         | ND(8.7)                         | ND(0.83)                        | ND(2.8)                          |
| Hexachloropropene                                    | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Indeno(1,2,3-cd)pyrene                               | ND(0.96) [ND(0.93)]               | ND(2.5)                         | ND(4.3)                         | ND(0.83)                        | ND(1.4)                          |
| Isodrin                                              | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Isophorone                                           | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Isosafrole                                           | ND(0.96) [ND(0.93)]               | ND(2.5)                         | ND(4.3)                         | ND(0.83)                        | ND(1.4)                          |
| Methapyrene                                          | ND(2.4) [ND(2.4)]                 | ND(12)                          | ND(22)                          | ND(2.1)                         | ND(6.9)                          |
| Methyl Methanesulfonate                              | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Naphthalene                                          | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Nitrobenzene                                         | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| N-Nitrosodiethylamine                                | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| N-Nitrosodimethylamine                               | ND(0.96) [ND(0.93)]               | ND(2.5)                         | ND(4.3)                         | ND(0.83)                        | ND(1.4)                          |
| N-Nitroso-di-n-butylamine                            | ND(0.96) [ND(0.93)]               | ND(2.5)                         | ND(4.3)                         | ND(0.83)                        | ND(1.4)                          |
| N-Nitroso-di-n-propylamine                           | ND(0.96) [ND(0.93)]               | ND(2.5)                         | ND(4.3)                         | ND(0.83)                        | ND(1.4)                          |
| N-Nitrosodiphenylamine                               | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| N-Nitrosomethylethylamine                            | ND(0.98) [ND(0.93)]               | ND(4.9)                         | ND(8.7)                         | ND(0.83)                        | ND(2.8)                          |
| N-Nitrosomorpholine                                  | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| N-Nitrosopiperidine                                  | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| N-Nitrosopyrrolidine                                 | ND(0.96) [ND(0.93)]               | ND(2.5)                         | ND(4.3)                         | ND(0.83)                        | ND(1.4)                          |
| o,o,o-Triethylphosphorothioate                       | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| o-Toluidine                                          | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| p-Dimethylaminoazobenzene                            | ND(2.4) [ND(2.4)]                 | ND(12)                          | ND(22)                          | ND(2.1)                         | ND(6.9)                          |
| Pentachlorobenzene                                   | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Pentachloroethane                                    | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Pentachloronitrobenzene                              | ND(2.4) [ND(2.4)]                 | ND(12)                          | ND(22)                          | ND(2.1)                         | ND(6.9)                          |
| Pentachlorophenol                                    | ND(2.4) [ND(2.4)]                 | ND(2.5)                         | ND(4.3)                         | ND(2.1)                         | ND(2.4)                          |
| Phenacetin                                           | ND(2.4) [ND(2.4)]                 | ND(12)                          | ND(22)                          | ND(2.1)                         | ND(6.9)                          |
| Phenanthrene                                         | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Phenol                                               | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Pronamide                                            | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Pyrene                                               | ND(0.49) [ND(0.46)]               | ND(2.5)                         | 4.7                             | ND(0.41)                        | ND(1.4)                          |
| Pyridine                                             | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Safrole                                              | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| Sulfotep                                             | NA                                | NA                              | NA                              | NA                              | NA                               |
| Thionazin                                            | ND(0.49) [ND(0.46)]               | ND(2.5)                         | ND(4.3)                         | ND(0.41)                        | ND(1.4)                          |
| <b>Furans</b>                                        |                                   |                                 |                                 |                                 |                                  |
| 2,3,7,8-TCDF                                         | ND(0.00000056) [ND(0.00000080)]   | NA                              | NA                              | ND(0.00000094)                  | 0.000027                         |
| TCDFs (total)                                        | ND(0.00000056) [ND(0.00000080)]   | NA                              | NA                              | ND(0.00000094)                  | ND(0.00025) X                    |
| 1,2,3,7,8-PeCDF                                      | ND(0.00000039) [ND(0.00000047)]   | NA                              | NA                              | ND(0.00000052)                  | 0.000082                         |
| 2,3,4,7,8-PeCDF                                      | ND(0.00000038) [ND(0.00000046)]   | NA                              | NA                              | ND(0.00000051)                  | 0.000013                         |
| PeCDFs (total)                                       | ND(0.00000038) [ND(0.00000046)]   | NA                              | NA                              | ND(0.00000051)                  | 0.00015                          |
| 1,2,3,4,7,8-HxCDF                                    | ND(0.00000052) [ND(0.00000066)]   | NA                              | NA                              | ND(0.00000063)                  | 0.000010                         |
| 1,2,3,6,7,8-HxCDF                                    | ND(0.00000049) [ND(0.00000063)]   | NA                              | NA                              | ND(0.00000060)                  | 0.000062                         |
| 1,2,3,7,8,9-HxCDF                                    | ND(0.00000060) [ND(0.00000077)]   | NA                              | NA                              | ND(0.00000073)                  | ND(0.000014) X                   |
| 2,3,4,6,7,8-HxCDF                                    | ND(0.00000055) [ND(0.00000070)]   | NA                              | NA                              | ND(0.00000067)                  | 0.000081                         |
| HxCDFs (total)                                       | ND(0.00000054) [ND(0.00000069)]   | NA                              | NA                              | ND(0.0000012) X                 | ND(0.00011) X                    |
| 1,2,3,4,6,7,8-HpCDF                                  | ND(0.00000058) [0.0000014 J]      | NA                              | NA                              | ND(0.00000076)                  | 0.000026                         |
| 1,2,3,4,7,8,9-HpCDF                                  | ND(0.00000071) [ND(0.0000011)]    | NA                              | NA                              | ND(0.00000092)                  | 0.000027                         |
| HpCDFs (total)                                       | ND(0.00000064) [0.0000023]        | NA                              | NA                              | ND(0.00000083)                  | 0.000054                         |
| OCDF                                                 | ND(0.0000014) [ND(0.0000016)]     | NA                              | NA                              | ND(0.0000019)                   | 0.000025                         |
| <b>Dioxins</b>                                       |                                   |                                 |                                 |                                 |                                  |
| 2,3,7,8-TCDD                                         | ND(0.00000065) [ND(0.00000095)]   | NA                              | NA                              | ND(0.00000097)                  | ND(0.0000043) X                  |
| TCDDs (total)                                        | ND(0.00000031) [ND(0.00000032)]   | NA                              | NA                              | ND(0.00000097)                  | ND(0.000012) X                   |
| 1,2,3,7,8-PeCDD                                      | ND(0.00000058) [ND(0.00000068)]   | NA                              | NA                              | ND(0.00000091)                  | 0.000012 J                       |
| PeCDDs (total)                                       | ND(0.00000042) [ND(0.00000043)]   | NA                              | NA                              | ND(0.00000044)                  | ND(0.000021) X                   |
| 1,2,3,4,7,8-HxCDD                                    | ND(0.00000083) [ND(0.0000011)]    | NA                              | NA                              | ND(0.0000012)                   | 0.000093 J                       |
| 1,2,3,6,7,8-HxCDD                                    | ND(0.00000088) [ND(0.0000012)]    | NA                              | NA                              | ND(0.0000012)                   | 0.000028                         |
| 1,2,3,7,8,9-HxCDD                                    | ND(0.00000079) [ND(0.0000011)]    | NA                              | NA                              | ND(0.0000011)                   | 0.000019 J                       |
| HxCDDs (total)                                       | ND(0.00000040) [ND(0.00000041)]   | NA                              | NA                              | ND(0.00000041)                  | 0.000029                         |
| 1,2,3,4,6,7,8-HpCDD                                  | ND(0.0000017) X [0.0000030 J]     | NA                              | NA                              | ND(0.0000042) X                 | 0.000043                         |
| HpCDDs (total)                                       | ND(0.0000017) X [0.0000086]       | NA                              | NA                              | ND(0.0000064) X                 | 0.000085                         |
| OCDD                                                 | 0.0000090 J [0.000018 J]          | NA                              | NA                              | 0.0000069 J                     | 0.00041                          |
| Total TEQs (WHO TEFs)                                | 0.0000010 [0.0000013]             | NA                              | NA                              | 0.0000015                       | 0.000015                         |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Parameter         | Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | I9-9-29-SS-4<br>12-14<br>12/05/00 | I9-9-29-SS-7<br>0-1<br>12/05/00 | I9-9-29-SS-7<br>2-4<br>12/05/00 | I9-9-29-SS-7<br>6-8<br>12/05/00 | I9-9-29-SS-10<br>0-1<br>12/05/00 |
|-------------------|------------------------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------|
| <b>Inorganics</b> |                                                      |                                   |                                 |                                 |                                 |                                  |
| Aluminum          |                                                      | NA                                | NA                              | NA                              | NA                              | NA                               |
| Antimony          |                                                      | ND(13.0) [ND(12.0)]               | ND(12.0)                        | ND(12.0)                        | ND(11.0)                        | ND(12.0)                         |
| Arsenic           |                                                      | ND(21.0) [ND(21.0)]               | 38.0                            | ND(20.0)                        | ND(18.0)                        | ND(21.0)                         |
| Barium            |                                                      | ND(43.0) [ND(42.0)]               | 100                             | 61.0                            | ND(37.0)                        | 69.0                             |
| Beryllium         |                                                      | ND(0.210) [ND(0.210)]             | 0.350                           | ND(0.200)                       | 0.210                           | 0.270                            |
| Cadmium           |                                                      | ND(2.10) [ND(2.10)]               | ND(2.00)                        | ND(2.00)                        | ND(1.80)                        | 2.50                             |
| Calcium           |                                                      | NA                                | NA                              | NA                              | NA                              | NA                               |
| Chromium          |                                                      | ND(5.70) [5.70]                   | 14.0                            | 9.60                            | 9.00                            | 24.0                             |
| Cobalt            |                                                      | ND(11.0) [ND(10.0)]               | ND(10.0)                        | ND(9.90)                        | 9.40                            | 14.0                             |
| Copper            |                                                      | ND(21.0) [ND(21.0)]               | 95.0                            | 50.0                            | ND(18.0)                        | 320                              |
| Cyanide           |                                                      | ND(1.40) [ND(1.40)]               | NA                              | NA                              | ND(1.20)                        | ND(1.40)                         |
| Iron              |                                                      | NA                                | NA                              | NA                              | NA                              | NA                               |
| Lead              |                                                      | 4.40 [5.60]                       | 180                             | 310                             | 8.20                            | 200                              |
| Magnesium         |                                                      | NA                                | NA                              | NA                              | NA                              | NA                               |
| Manganese         |                                                      | NA                                | NA                              | NA                              | NA                              | NA                               |
| Mercury           |                                                      | ND(0.280) [ND(0.280)]             | 6.40                            | 0.340                           | ND(0.250)                       | 1.10                             |
| Nickel            |                                                      | 10.0 [12.0]                       | 22.0                            | 14.0                            | 17.0                            | 420                              |
| Potassium         |                                                      | NA                                | NA                              | NA                              | NA                              | NA                               |
| Selenium          |                                                      | ND(1.10) [ND(1.00)]               | ND(1.00)                        | ND(0.990)                       | ND(0.930)                       | ND(1.00)                         |
| Silver            |                                                      | ND(1.10) [ND(1.00)]               | ND(1.00)                        | ND(0.990)                       | ND(0.930)                       | ND(1.00)                         |
| Sodium            |                                                      | NA                                | NA                              | NA                              | NA                              | NA                               |
| Sulfide           |                                                      | ND(7.10) [8.80]                   | NA                              | NA                              | ND(6.20)                        | ND(7.00)                         |
| Thallium          |                                                      | ND(2.10) [ND(2.10)]               | ND(2.00)                        | ND(2.00)                        | ND(1.80)                        | ND(2.10)                         |
| Tin               |                                                      | ND(64.0) [ND(63.0)]               | ND(61.0)                        | ND(59.0)                        | ND(56.0)                        | ND(63.0)                         |
| Vanadium          |                                                      | ND(11.0) [ND(10.0)]               | 18.0                            | 12.0                            | ND(9.30)                        | 20.0                             |
| Zinc              |                                                      | 26.0 [32.0]                       | 170                             | 170                             | 44.0                            | 260                              |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-29-SS-10<br>8-10<br>12/05/00 | SLB-1-BB<br>0-0.5<br>01/19/95 | SLB-1-TB<br>0-0.5<br>10/11/95 | SLB-2-BB<br>0-0.5<br>01/19/95 | SLB-2-TB<br>0-0.5<br>10/11/95 | SLB-4-BB<br>0-0.5<br>01/19/95 |
|------------------------------------------------------|-----------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| <b>Volatile Organics</b>                             |                                   |                               |                               |                               |                               |                               |
| 1,1,1,2-Tetrachloroethane                            | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| 1,1,1-Trichloroethane                                | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| 1,1,2,2-Tetrachloroethane                            | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| 1,1,2-Trichloroethane                                | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| 1,1-Dichloroethane                                   | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| 1,1-Dichloroethene                                   | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| 1,2,3-Trichloropropane                               | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| 1,2-Dibromo-3-chloropropane                          | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| 1,2-Dibromoethane                                    | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| 1,2-Dichloroethane                                   | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| 1,2-Dichloropropane                                  | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| 1,4-Dioxane                                          | ND(0.20)                          | NA                            | NA                            | NA                            | NA                            | NA                            |
| 2-Butanone                                           | ND(0.10)                          | NA                            | NA                            | NA                            | NA                            | NA                            |
| 2-Chloro-1,3-butadiene                               | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| 2-Chloroethylvinylether                              | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| 2-Hexanone                                           | ND(0.014)                         | NA                            | NA                            | NA                            | NA                            | NA                            |
| 3-Chloropropene                                      | ND(0.014)                         | NA                            | NA                            | NA                            | NA                            | NA                            |
| 4-Methyl-2-pentanone                                 | ND(0.014)                         | NA                            | NA                            | NA                            | NA                            | NA                            |
| Acetone                                              | ND(0.10)                          | NA                            | NA                            | NA                            | NA                            | NA                            |
| Acetonitrile                                         | ND(0.14)                          | NA                            | NA                            | NA                            | NA                            | NA                            |
| Acrolein                                             | ND(0.14)                          | NA                            | NA                            | NA                            | NA                            | NA                            |
| Acrylonitrile                                        | ND(0.014)                         | NA                            | NA                            | NA                            | NA                            | NA                            |
| Benzene                                              | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| Bromodichloromethane                                 | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| Bromoform                                            | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| Bromomethane                                         | ND(0.014)                         | NA                            | NA                            | NA                            | NA                            | NA                            |
| Carbon Disulfide                                     | ND(0.010)                         | NA                            | NA                            | NA                            | NA                            | NA                            |
| Carbon Tetrachloride                                 | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| Chlorobenzene                                        | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| Chloroethane                                         | ND(0.014)                         | NA                            | NA                            | NA                            | NA                            | NA                            |
| Chloroform                                           | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| Chloromethane                                        | ND(0.014)                         | NA                            | NA                            | NA                            | NA                            | NA                            |
| cis-1,3-Dichloropropene                              | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| Dibromochloromethane                                 | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| Dibromomethane                                       | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| Dichlorodifluoromethane                              | ND(0.014)                         | NA                            | NA                            | NA                            | NA                            | NA                            |
| Ethyl Methacrylate                                   | ND(0.014)                         | NA                            | NA                            | NA                            | NA                            | NA                            |
| Ethylbenzene                                         | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| Iodomethane                                          | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| Isobutanol                                           | ND(0.27)                          | NA                            | NA                            | NA                            | NA                            | NA                            |
| Methacrylonitrile                                    | ND(0.014)                         | NA                            | NA                            | NA                            | NA                            | NA                            |
| Methyl Methacrylate                                  | ND(0.014)                         | NA                            | NA                            | NA                            | NA                            | NA                            |
| Methylene Chloride                                   | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| Propionitrile                                        | ND(0.069)                         | NA                            | NA                            | NA                            | NA                            | NA                            |
| Styrene                                              | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| Tetrachloroethene                                    | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| Toluene                                              | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| trans-1,2-Dichloroethene                             | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| trans-1,3-Dichloropropene                            | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| trans-1,4-Dichloro-2-butene                          | ND(0.014)                         | NA                            | NA                            | NA                            | NA                            | NA                            |
| Trichloroethene                                      | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| Trichlorofluoromethane                               | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| Vinyl Acetate                                        | ND(0.014)                         | NA                            | NA                            | NA                            | NA                            | NA                            |
| Vinyl Chloride                                       | ND(0.014)                         | NA                            | NA                            | NA                            | NA                            | NA                            |
| Xylenes (total)                                      | ND(0.0069)                        | NA                            | NA                            | NA                            | NA                            | NA                            |
| <b>Semivolatile Organics</b>                         |                                   |                               |                               |                               |                               |                               |
| 1,2,4,5-Tetrachlorobenzene                           | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.4)                       | ND(0.73)                      | ND(4.1)                       |
| 1,2,4-Trichlorobenzene                               | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| 1,2-Dichlorobenzene                                  | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| 1,2-Diphenylhydrazine                                | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.4)                       | ND(0.73)                      | ND(4.1)                       |
| 1,3,5-Trinitrobenzene                                | ND(2.7)                           | ND(95)                        | ND(2.7)                       | ND(4.4)                       | ND(0.73)                      | ND(4.1)                       |
| 1,3-Dichlorobenzene                                  | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| 1,3-Dinitrobenzene                                   | ND(6.7)                           | ND(95)                        | ND(2.7)                       | ND(4.4)                       | ND(0.73)                      | ND(4.1)                       |
| 1,4-Dichlorobenzene                                  | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| 1,4-Naphthoquinone                                   | ND(6.7)                           | ND(95)                        | ND(2.7)                       | ND(4.4)                       | ND(0.73)                      | ND(4.1)                       |
| 1-Naphthylamine                                      | ND(2.7)                           | ND(1100)                      | ND(2.7)                       | ND(52)                        | ND(0.73)                      | ND(49)                        |
| 2,3,4,6-Tetrachlorophenol                            | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.4)                       | ND(0.73)                      | ND(4.1)                       |

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**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-29-SS-10<br>8-10<br>12/05/00 | SLB-1-BB<br>0-0.5<br>01/19/95 | SLB-1-TB<br>0-0.5<br>10/11/95 | SLB-2-BB<br>0-0.5<br>01/19/95 | SLB-2-TB<br>0-0.5<br>10/11/95 | SLB-4-BB<br>0-0.5<br>01/19/95 |
|------------------------------------------------------|-----------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                   |                               |                               |                               |                               |                               |
| 2,4,5-Trichlorophenol                                | ND(1.3)                           | ND(460)                       | ND(6.5)                       | ND(21)                        | ND(1.8)                       | ND(20)                        |
| 2,4,6-Trichlorophenol                                | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| 2,4-Dichlorophenol                                   | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| 2,4-Dimethylphenol                                   | ND(1.3)                           | NA                            | ND(2.7)                       | NA                            | ND(0.73)                      | NA                            |
| 2,4-Dinitrophenol                                    | ND(2.3)                           | ND(460)                       | ND(6.5)                       | ND(21)                        | ND(1.8)                       | ND(20)                        |
| 2,4-Dinitrotoluene                                   | ND(2.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| 2,6-Dichlorophenol                                   | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.4)                       | ND(0.73)                      | ND(4.1)                       |
| 2,6-Dinitrotoluene                                   | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| 2-Acetylaminofluorene                                | ND(2.7)                           | ND(95)                        | ND(5.3)                       | ND(4.4)                       | ND(1.5)                       | ND(4.1)                       |
| 2-Chloronaphthalene                                  | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| 2-Chlorophenol                                       | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| 2-Methylnaphthalene                                  | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| 2-Methylphenol                                       | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | 3.2 J                         |
| 2-Naphthylamine                                      | ND(2.7)                           | ND(1600)                      | ND(2.7)                       | ND(74)                        | ND(0.73)                      | ND(70)                        |
| 2-Nitroaniline                                       | ND(2.3)                           | ND(460)                       | ND(6.5)                       | ND(21)                        | ND(1.8)                       | ND(20)                        |
| 2-Nitrophenol                                        | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| 2-Picoline                                           | ND(1.3)                           | ND(670)                       | ND(5.3)                       | ND(30)                        | ND(1.5)                       | ND(29)                        |
| 3&4-Methylphenol                                     | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.4)                       | ND(0.73)                      | 1.5 J                         |
| 3,3'-Dichlorobenzidine                               | ND(2.3)                           | ND(190)                       | ND(5.3)                       | ND(8.6)                       | ND(1.5)                       | ND(8.1)                       |
| 3,3'-Dimethylbenzidine                               | ND(6.7)                           | ND(760)                       | ND(5.3)                       | ND(35)                        | ND(1.5)                       | ND(33)                        |
| 3-Methylcholanthrene                                 | ND(1.3)                           | ND(290)                       | ND(2.7)                       | ND(13)                        | ND(0.73)                      | ND(12)                        |
| 3-Nitroaniline                                       | ND(2.3)                           | ND(460)                       | ND(6.5)                       | ND(21)                        | ND(1.8)                       | ND(20)                        |
| 4,6-Dinitro-2-methylphenol                           | ND(1.3)                           | ND(460)                       | ND(6.5)                       | ND(21)                        | ND(1.8)                       | ND(20)                        |
| 4-Aminobiphenyl                                      | ND(2.7)                           | ND(480)                       | ND(5.3)                       | ND(22)                        | ND(1.5)                       | ND(20)                        |
| 4-Bromophenyl-phenylether                            | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| 4-Chloro-3-Methylphenol                              | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| 4-Chloroaniline                                      | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| 4-Chlorobenzilate                                    | ND(6.7)                           | ND(95)                        | ND(5.3)                       | ND(4.4)                       | ND(1.5)                       | ND(4.1)                       |
| 4-Chlorophenyl-phenylether                           | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| 4-Nitroaniline                                       | ND(2.3)                           | ND(460)                       | ND(6.5)                       | ND(21)                        | ND(1.8)                       | ND(20)                        |
| 4-Nitrophenol                                        | ND(2.3)                           | ND(460)                       | ND(6.5)                       | ND(21)                        | ND(1.8)                       | ND(20)                        |
| 4-Nitroquinoline-1-oxide                             | ND(6.7)                           | ND(95)                        | ND(2.7)                       | ND(4.4)                       | ND(0.73)                      | ND(4.1)                       |
| 4-Phenylenediamine                                   | ND(6.7)                           | ND(480)                       | ND(5.3)                       | ND(22)                        | ND(1.5)                       | ND(20)                        |
| 5-Nitro-o-toluidine                                  | ND(6.7)                           | ND(190)                       | ND(2.7)                       | ND(8.7)                       | ND(0.73)                      | ND(8.2)                       |
| 7,12-Dimethylbenz(a)anthracene                       | ND(1.3)                           | ND(190)                       | ND(5.3)                       | ND(8.7)                       | ND(1.5)                       | ND(8.2)                       |
| a,a'-Dimethylphenethylamine                          | ND(6.7)                           | ND(95)                        | ND(2.7)                       | ND(4.4)                       | ND(0.73)                      | ND(4.1)                       |
| Acenaphthene                                         | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | 0.076 J                       | ND(4.1)                       |
| Acenaphthylene                                       | ND(1.3)                           | ND(95)                        | 1.1 J                         | ND(4.3)                       | 0.23 J                        | 0.79 J                        |
| Acetophenone                                         | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.4)                       | ND(0.73)                      | ND(4.1)                       |
| Aniline                                              | ND(1.3)                           | ND(95)                        | 20                            | ND(4.4)                       | ND(0.73)                      | ND(4.1)                       |
| Anthracene                                           | 2.1                               | ND(95)                        | 0.63 J                        | 0.78 J                        | 0.27 J                        | 0.80 J                        |
| Aramite                                              | ND(2.7)                           | ND(95)                        | ND(5.3)                       | ND(4.4)                       | ND(1.5)                       | ND(4.1)                       |
| Benzidine                                            | ND(1.3)                           | ND(480)                       | ND(2.7)                       | ND(22)                        | ND(0.73)                      | ND(20)                        |
| Benzo(a)anthracene                                   | 4.1                               | ND(95)                        | 3.6                           | 1.4 J                         | 1.2                           | 1.9 J                         |
| Benzo(a)pyrene                                       | 4.1                               | ND(95)                        | 5.1                           | 1.2 J                         | 1.6                           | 1.8 J                         |
| Benzo(b)fluoranthene                                 | 3.2                               | ND(95)                        | 5.8                           | 1.1 J                         | 1.8                           | 1.6 J                         |
| Benzo(g,h,i)perylene                                 | 4.3                               | ND(95)                        | 1.1 J                         | 0.89 J                        | 0.35 J                        | 1.6 J                         |
| Benzo(k)fluoranthene                                 | 3.4                               | ND(95)                        | 6.3                           | 1.1 J                         | 1.8                           | 1.7 J                         |
| Benzoic Acid                                         | NA                                | ND(460)                       | NA                            | ND(21)                        | NA                            | ND(20)                        |
| Benzyl Alcohol                                       | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| bis(2-Chloroethoxy)methane                           | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| bis(2-Chloroethyl)ether                              | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| bis(2-Chloroisopropyl)ether                          | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| bis(2-Ethylhexyl)phthalate                           | ND(1.3)                           | ND(95)                        | 0.28 J                        | 0.84 J                        | 0.29 J                        | ND(4.1)                       |
| Butylbenzylphthalate                                 | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | 0.37 J                        | ND(4.1)                       |
| Chrysene                                             | 3.9                               | 12 J                          | 5.0                           | 1.5 J                         | 1.6                           | 2.1 J                         |
| Diallate                                             | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.4)                       | ND(0.73)                      | ND(4.1)                       |
| Dibenzo(a,h)anthracene                               | 3.1                               | ND(95)                        | 0.36 J                        | ND(4.3)                       | 0.082 J                       | ND(4.1)                       |
| Dibenzofuran                                         | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| Diethylphthalate                                     | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| Dimethylphthalate                                    | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| Di-n-Butylphthalate                                  | ND(1.3)                           | ND(95)                        | 0.29 JB                       | ND(4.3)                       | 0.18 JB                       | 0.80 JB                       |
| Di-n-Octylphthalate                                  | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| Dinoseb                                              | NA                                | ND(190)                       | ND(2.7)                       | ND(8.7)                       | ND(0.73)                      | ND(8.2)                       |
| Diphenylamine                                        | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.4)                       | ND(0.73)                      | ND(4.1)                       |
| Ethyl Methacrylate                                   | NA                                | ND(190)                       | NA                            | ND(8.6)                       | NA                            | ND(8.2)                       |
| Ethyl Methanesulfonate                               | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.4)                       | ND(0.73)                      | ND(4.1)                       |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | 19-9-29-SS-10<br>8-10<br>12/05/00 | SLB-1-BB<br>0-0.5<br>01/19/95 | SLB-1-TB<br>0-0.5<br>10/11/95 | SLB-2-BB<br>0-0.5<br>01/19/95 | SLB-2-TB<br>0-0.5<br>10/11/95 | SLB-4-BB<br>0-0.5<br>01/19/95 |
|------------------------------------------------------|-----------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| <b>Semivolatile Organics (continued)</b>             |                                   |                               |                               |                               |                               |                               |
| Fluoranthene                                         | 10                                | ND(95)                        | 8.9                           | 3.6 J                         | 3.0                           | 3.4 J                         |
| Fluorene                                             | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | 0.083 J                       | ND(4.1)                       |
| Hexachlorobenzene                                    | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| Hexachlorobutadiene                                  | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| Hexachlorocyclopentadiene                            | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| Hexachloroethane                                     | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| Hexachlorophene                                      | ND(2.7)                           | ND(480)                       | ND(13)                        | ND(22)                        | ND(3.7)                       | ND(20)                        |
| Hexachloropropene                                    | ND(1.3)                           | ND(190)                       | ND(2.7)                       | ND(8.7)                       | ND(0.73)                      | ND(8.2)                       |
| Indeno(1,2,3-cd)pyrene                               | 3.3                               | ND(95)                        | 1.3 J                         | ND(4.3)                       | 0.39 J                        | 1.3 J                         |
| Isodrin                                              | ND(1.3)                           | ND(95)                        | NA                            | ND(4.4)                       | NA                            | ND(4.1)                       |
| Isophorone                                           | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| Isosafrole                                           | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.4)                       | ND(0.73)                      | ND(4.1)                       |
| Methapyrilene                                        | ND(6.7)                           | ND(380)                       | ND(2.7)                       | ND(17)                        | ND(0.73)                      | ND(16)                        |
| Methyl Methanesulfonate                              | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.4)                       | ND(0.73)                      | ND(4.1)                       |
| Naphthalene                                          | ND(1.3)                           | ND(95)                        | 0.89 J                        | ND(4.3)                       | ND(0.73)                      | 1.8 J                         |
| Nitrobenzene                                         | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| N-Nitrosodiethylamine                                | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.4)                       | ND(0.73)                      | ND(4.1)                       |
| N-Nitrosodimethylamine                               | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.4)                       | ND(0.73)                      | ND(4.1)                       |
| N-Nitroso-di-n-butylamine                            | ND(1.3)                           | ND(190)                       | ND(2.7)                       | ND(8.7)                       | ND(0.73)                      | ND(8.2)                       |
| N-Nitroso-di-n-propylamine                           | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| N-Nitrosodiphenylamine                               | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | ND(4.1)                       |
| N-Nitrosomethylethylamine                            | ND(2.7)                           | ND(95)                        | ND(2.7)                       | ND(4.4)                       | ND(0.73)                      | ND(4.1)                       |
| N-Nitrosomorpholine                                  | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.4)                       | ND(0.73)                      | ND(4.1)                       |
| N-Nitrosopiperidine                                  | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.4)                       | ND(0.73)                      | ND(4.1)                       |
| N-Nitrosopyrrolidine                                 | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.4)                       | ND(0.73)                      | ND(4.1)                       |
| o,o,o-Triethylphosphorothioate                       | ND(1.3)                           | ND(95)                        | NA                            | ND(4.4)                       | NA                            | ND(4.1)                       |
| o-Toluidine                                          | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.4)                       | ND(0.73)                      | 1.6 J                         |
| p-Dimethylaminoazobenzene                            | ND(6.7)                           | ND(290)                       | ND(2.7)                       | ND(13)                        | ND(0.73)                      | ND(12)                        |
| Pentachlorobenzene                                   | ND(1.3)                           | ND(190)                       | ND(2.7)                       | ND(8.7)                       | ND(0.73)                      | ND(8.2)                       |
| Pentachloroethane                                    | ND(1.3)                           | ND(190)                       | ND(2.7)                       | ND(8.6)                       | ND(0.73)                      | ND(8.2)                       |
| Pentachloronitrobenzene                              | ND(6.7)                           | ND(190)                       | ND(2.7)                       | ND(8.7)                       | ND(0.73)                      | ND(8.2)                       |
| Pentachlorophenol                                    | ND(2.3)                           | ND(460)                       | ND(6.5)                       | ND(21)                        | ND(1.8)                       | ND(20)                        |
| Phenacetin                                           | ND(6.7)                           | ND(95)                        | ND(5.3)                       | ND(4.4)                       | ND(1.5)                       | ND(4.1)                       |
| Phenanthrene                                         | 8.9                               | ND(95)                        | 3.6                           | 1.9 J                         | 1.3                           | 1.9 J                         |
| Phenol                                               | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.3)                       | ND(0.73)                      | 9.6                           |
| Pronamide                                            | ND(1.3)                           | ND(290)                       | ND(2.7)                       | ND(13)                        | ND(0.73)                      | ND(12)                        |
| Pyrene                                               | 8.0                               | ND(95)                        | 7.6                           | 2.8 J                         | 2.3                           | 3.0 J                         |
| Pyridine                                             | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.4)                       | ND(0.73)                      | ND(4.1)                       |
| Safrole                                              | ND(1.3)                           | ND(95)                        | ND(2.7)                       | ND(4.4)                       | ND(0.73)                      | ND(4.1)                       |
| Sulfotep                                             | NA                                | ND(95)                        | NA                            | ND(4.4)                       | NA                            | ND(4.1)                       |
| Thionazin                                            | ND(1.3)                           | ND(95)                        | NA                            | ND(4.4)                       | NA                            | ND(4.1)                       |
| <b>Furans</b>                                        |                                   |                               |                               |                               |                               |                               |
| 2,3,7,8-TCDF                                         | ND(0.00000068)                    | 0.0014 Y                      | NA                            | 0.000022 JY                   | NA                            | 0.00051 Y                     |
| TCDFs (total)                                        | ND(0.00000068)                    | 0.0011                        | NA                            | 0.000043                      | NA                            | 0.0016                        |
| 1,2,3,7,8-PeCDF                                      | ND(0.00000034)                    | ND(0.000064)                  | NA                            | ND(0.000014)                  | NA                            | 0.00026                       |
| 2,3,4,7,8-PeCDF                                      | ND(0.00000033)                    | 0.0014 J                      | NA                            | ND(0.000028)                  | NA                            | 0.00021                       |
| PeCDFs (total)                                       | ND(0.00000033)                    | 0.0024                        | NA                            | 0.000057                      | NA                            | 0.00050                       |
| 1,2,3,4,7,8-HxCDF                                    | ND(0.00000049)                    | 0.00022                       | NA                            | ND(0.000032)                  | NA                            | 0.00041                       |
| 1,2,3,6,7,8-HxCDF                                    | ND(0.00000047)                    | ND(0.000076)                  | NA                            | ND(0.000022)                  | NA                            | 0.00024                       |
| 1,2,3,7,8,9-HxCDF                                    | ND(0.00000057)                    | ND(0.000024)                  | NA                            | ND(0.0000050)                 | NA                            | ND(0.000028)                  |
| 2,3,4,6,7,8-HxCDF                                    | ND(0.00000052)                    | ND(0.000088)                  | NA                            | ND(0.000020)                  | NA                            | 0.00012                       |
| HxCDFs (total)                                       | ND(0.0000011) X                   | 0.00095                       | NA                            | 0.000047                      | NA                            | 0.00042                       |
| 1,2,3,4,6,7,8-HpCDF                                  | ND(0.00000076)                    | 0.00047                       | NA                            | 0.000013                      | NA                            | 0.00048                       |
| 1,2,3,4,7,8,9-HpCDF                                  | ND(0.00000092)                    | ND(0.000059)                  | NA                            | ND(0.000011)                  | NA                            | 0.000094                      |
| HpCDFs (total)                                       | ND(0.00000083)                    | 0.0010                        | NA                            | 0.000034                      | NA                            | 0.0012                        |
| OCDF                                                 | ND(0.00000016)                    | 0.00060                       | NA                            | 0.000026                      | NA                            | 0.00044                       |
| <b>Dioxins</b>                                       |                                   |                               |                               |                               |                               |                               |
| 2,3,7,8-TCDD                                         | ND(0.00000075)                    | ND(0.0000084)                 | NA                            | ND(0.0000015)                 | NA                            | 0.0000022 J                   |
| TCDDs (total)                                        | ND(0.00000075)                    | ND(0.0000084)                 | NA                            | ND(0.0000015)                 | NA                            | 0.0000022 J                   |
| 1,2,3,7,8-PeCDD                                      | ND(0.00000058)                    | ND(0.000017)                  | NA                            | ND(0.0000055)                 | NA                            | ND(0.0000069)                 |
| PeCDDs (total)                                       | ND(0.00000039)                    | ND(0.00017)                   | NA                            | ND(0.000013)                  | NA                            | ND(0.000018)                  |
| 1,2,3,4,7,8-HxCDD                                    | ND(0.00000078)                    | ND(0.000036)                  | NA                            | ND(0.000012)                  | NA                            | 0.000018                      |
| 1,2,3,6,7,8-HxCDD                                    | ND(0.00000082)                    | ND(0.000063)                  | NA                            | 0.0000037 J                   | NA                            | 0.000040                      |
| 1,2,3,7,8,9-HxCDD                                    | ND(0.00000074)                    | ND(0.000070)                  | NA                            | ND(0.0000025)                 | NA                            | 0.000036                      |
| HxCDDs (total)                                       | ND(0.00000041)                    | 0.00027                       | NA                            | 0.000018                      | NA                            | 0.00034                       |
| 1,2,3,4,6,7,8-HpCDD                                  | 0.00000017 J                      | 0.0011                        | NA                            | 0.000069                      | NA                            | 0.00068                       |
| HpCDDs (total)                                       | 0.00000017                        | 0.0020                        | NA                            | 0.00012                       | NA                            | 0.0012                        |
| OCDD                                                 | 0.00000059 J                      | 0.0073                        | NA                            | 0.00053                       | NA                            | 0.0037                        |
| Total TEQs (WHO TEFs)                                | 0.00000010                        | 0.00015                       | NA                            | 0.0000031                     | NA                            | 0.00027                       |



**TABLE B-2  
PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Parameter         | Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | I9-9-29-SS-10<br>8-10<br>12/05/00 | SLB-1-BB<br>0-0.5<br>01/19/95 | SLB-1-TB<br>0-0.5<br>10/11/95 | SLB-2-BB<br>0-0.5<br>01/19/95 | SLB-2-TB<br>0-0.5<br>10/11/95 | SLB-4-BB<br>0-0.5<br>01/19/95 |
|-------------------|------------------------------------------------------|-----------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| <b>Inorganics</b> |                                                      |                                   |                               |                               |                               |                               |                               |
| Aluminum          |                                                      | NA                                | 3430                          | NA                            | 2810                          | NA                            | 7290                          |
| Antimony          |                                                      | ND(12.0)                          | ND(14.6)                      | NA                            | ND(6.60)                      | NA                            | ND(6.20)                      |
| Arsenic           |                                                      | ND(20.0)                          | 4.30                          | NA                            | 1.60                          | NA                            | 6.20                          |
| Barium            |                                                      | ND(41.0)                          | 126                           | NA                            | 15.7 B                        | NA                            | 32.8                          |
| Beryllium         |                                                      | 0.300                             | 0.290 B                       | NA                            | 0.220 B                       | NA                            | 0.220 B                       |
| Cadmium           |                                                      | ND(2.00)                          | 20.8                          | NA                            | ND(0.660)                     | NA                            | 0.870                         |
| Calcium           |                                                      | NA                                | 6480                          | NA                            | 14500                         | NA                            | 22400                         |
| Chromium          |                                                      | 6.50                              | 94.7                          | NA                            | 4.40                          | NA                            | 17.0                          |
| Cobalt            |                                                      | ND(10.0)                          | ND(5.80)                      | NA                            | 5.00 B                        | NA                            | 7.30                          |
| Copper            |                                                      | ND(20.0)                          | 1050                          | NA                            | 16.4                          | NA                            | 141                           |
| Cyanide           |                                                      | ND(1.40)                          | ND(1.30)                      | NA                            | ND(0.560)                     | NA                            | ND(0.610)                     |
| Iron              |                                                      | NA                                | 21100                         | NA                            | 14000                         | NA                            | 28600                         |
| Lead              |                                                      | 7.90                              | 396                           | NA                            | 39.1                          | NA                            | 357                           |
| Magnesium         |                                                      | NA                                | 1580                          | NA                            | 7380                          | NA                            | 12600                         |
| Manganese         |                                                      | NA                                | 266                           | NA                            | 249                           | NA                            | 437                           |
| Mercury           |                                                      | ND(0.270)                         | 1.80                          | NA                            | ND(0.130)                     | NA                            | 0.790                         |
| Nickel            |                                                      | 11.0                              | 63.9                          | NA                            | 10.1                          | NA                            | 26.4                          |
| Potassium         |                                                      | NA                                | 528 B                         | NA                            | 216 B                         | NA                            | 535 B                         |
| Selenium          |                                                      | ND(1.00)                          | 1.70                          | NA                            | ND(0.260)                     | NA                            | 0.290 B                       |
| Silver            |                                                      | ND(1.00)                          | 24.9                          | NA                            | ND(0.660)                     | NA                            | 1.20                          |
| Sodium            |                                                      | NA                                | 153 B                         | NA                            | 113 B                         | NA                            | 92.4 B                        |
| Sulfide           |                                                      | 8.60                              | NA                            | NA                            | NA                            | NA                            | NA                            |
| Thallium          |                                                      | ND(2.00)                          | ND(0.570)                     | NA                            | ND(0.260)                     | NA                            | ND(0.240)                     |
| Tin               |                                                      | ND(62.0)                          | NA                            | NA                            | NA                            | NA                            | NA                            |
| Vanadium          |                                                      | ND(10.0)                          | 121                           | NA                            | 9.60                          | NA                            | 26.4                          |
| Zinc              |                                                      | 32.0                              | 958                           | NA                            | 60.3                          | NA                            | 221                           |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Parameter                    | Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | SLB-5-BB<br>0-0.5<br>01/19/95 | SLB-8-BB<br>0-0.5<br>02/23/95 | SLB-9-BB<br>0-0.5<br>02/23/95 | SLB-9-TB<br>0-0.5<br>10/11/95 |
|------------------------------|------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| <b>Volatile Organics</b>     |                                                      |                               |                               |                               |                               |
| 1,1,1,2-Tetrachloroethane    |                                                      | NA                            | NA                            | NA                            | NA                            |
| 1,1,1-Trichloroethane        |                                                      | NA                            | NA                            | NA                            | NA                            |
| 1,1,2,2-Tetrachloroethane    |                                                      | NA                            | NA                            | NA                            | NA                            |
| 1,1,2-Trichloroethane        |                                                      | NA                            | NA                            | NA                            | NA                            |
| 1,1-Dichloroethane           |                                                      | NA                            | NA                            | NA                            | NA                            |
| 1,1-Dichloroethene           |                                                      | NA                            | NA                            | NA                            | NA                            |
| 1,2,3-Trichloropropane       |                                                      | NA                            | NA                            | NA                            | NA                            |
| 1,2-Dibromo-3-chloropropane  |                                                      | NA                            | NA                            | NA                            | NA                            |
| 1,2-Dibromoethane            |                                                      | NA                            | NA                            | NA                            | NA                            |
| 1,2-Dichloroethane           |                                                      | NA                            | NA                            | NA                            | NA                            |
| 1,2-Dichloropropane          |                                                      | NA                            | NA                            | NA                            | NA                            |
| 1,4-Dioxane                  |                                                      | NA                            | NA                            | NA                            | NA                            |
| 2-Butanone                   |                                                      | NA                            | NA                            | NA                            | NA                            |
| 2-Chloro-1,3-butadiene       |                                                      | NA                            | NA                            | NA                            | NA                            |
| 2-Chloroethylvinylether      |                                                      | NA                            | NA                            | NA                            | NA                            |
| 2-Hexanone                   |                                                      | NA                            | NA                            | NA                            | NA                            |
| 3-Chloropropene              |                                                      | NA                            | NA                            | NA                            | NA                            |
| 4-Methyl-2-pentanone         |                                                      | NA                            | NA                            | NA                            | NA                            |
| Acetone                      |                                                      | NA                            | NA                            | NA                            | NA                            |
| Acetonitrile                 |                                                      | NA                            | NA                            | NA                            | NA                            |
| Acrolein                     |                                                      | NA                            | NA                            | NA                            | NA                            |
| Acrylonitrile                |                                                      | NA                            | NA                            | NA                            | NA                            |
| Benzene                      |                                                      | NA                            | NA                            | NA                            | NA                            |
| Bromodichloromethane         |                                                      | NA                            | NA                            | NA                            | NA                            |
| Bromoform                    |                                                      | NA                            | NA                            | NA                            | NA                            |
| Bromomethane                 |                                                      | NA                            | NA                            | NA                            | NA                            |
| Carbon Disulfide             |                                                      | NA                            | NA                            | NA                            | NA                            |
| Carbon Tetrachloride         |                                                      | NA                            | NA                            | NA                            | NA                            |
| Chlorobenzene                |                                                      | NA                            | NA                            | NA                            | NA                            |
| Chloroethane                 |                                                      | NA                            | NA                            | NA                            | NA                            |
| Chloroform                   |                                                      | NA                            | NA                            | NA                            | NA                            |
| Chloromethane                |                                                      | NA                            | NA                            | NA                            | NA                            |
| cis-1,3-Dichloropropene      |                                                      | NA                            | NA                            | NA                            | NA                            |
| Dibromochloromethane         |                                                      | NA                            | NA                            | NA                            | NA                            |
| Dibromomethane               |                                                      | NA                            | NA                            | NA                            | NA                            |
| Dichlorodifluoromethane      |                                                      | NA                            | NA                            | NA                            | NA                            |
| Ethyl Methacrylate           |                                                      | NA                            | NA                            | NA                            | NA                            |
| Ethylbenzene                 |                                                      | NA                            | NA                            | NA                            | NA                            |
| Iodomethane                  |                                                      | NA                            | NA                            | NA                            | NA                            |
| Isobutanol                   |                                                      | NA                            | NA                            | NA                            | NA                            |
| Methacrylonitrile            |                                                      | NA                            | NA                            | NA                            | NA                            |
| Methyl Methacrylate          |                                                      | NA                            | NA                            | NA                            | NA                            |
| Methylene Chloride           |                                                      | NA                            | NA                            | NA                            | NA                            |
| Propionitrile                |                                                      | NA                            | NA                            | NA                            | NA                            |
| Styrene                      |                                                      | NA                            | NA                            | NA                            | NA                            |
| Tetrachloroethene            |                                                      | NA                            | NA                            | NA                            | NA                            |
| Toluene                      |                                                      | NA                            | NA                            | NA                            | NA                            |
| trans-1,2-Dichloroethene     |                                                      | NA                            | NA                            | NA                            | NA                            |
| trans-1,3-Dichloropropene    |                                                      | NA                            | NA                            | NA                            | NA                            |
| trans-1,4-Dichloro-2-butene  |                                                      | NA                            | NA                            | NA                            | NA                            |
| Trichloroethene              |                                                      | NA                            | NA                            | NA                            | NA                            |
| Trichlorofluoromethane       |                                                      | NA                            | NA                            | NA                            | NA                            |
| Vinyl Acetate                |                                                      | NA                            | NA                            | NA                            | NA                            |
| Vinyl Chloride               |                                                      | NA                            | NA                            | NA                            | NA                            |
| Xylenes (total)              |                                                      | NA                            | NA                            | NA                            | NA                            |
| <b>Semivolatile Organics</b> |                                                      |                               |                               |                               |                               |
| 1,2,4,5-Tetrachlorobenzene   |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| 1,2,4-Trichlorobenzene       |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| 1,2-Dichlorobenzene          |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| 1,2-Diphenylhydrazine        |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| 1,3,5-Trinitrobenzene        |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| 1,3-Dichlorobenzene          |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| 1,3-Dinitrobenzene           |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| 1,4-Dichlorobenzene          |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| 1,4-Naphthoquinone           |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| 1-Naphthylamine              |                                                      | ND(4.6)                       | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| 2,3,4,6-Tetrachlorophenol    |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Parameter                                | Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | SLB-5-BB<br>0-0.5<br>01/19/95 | SLB-8-BB<br>0-0.5<br>02/23/95 | SLB-9-BB<br>0-0.5<br>02/23/95 | SLB-9-TB<br>0-0.5<br>10/11/95 |
|------------------------------------------|------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| <b>Semivolatile Organics (continued)</b> |                                                      |                               |                               |                               |                               |
| 2,4,5-Trichlorophenol                    |                                                      | ND(1.8)                       | ND(2.0)                       | ND(10)                        | ND(9.4)                       |
| 2,4,6-Trichlorophenol                    |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| 2,4-Dichlorophenol                       |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| 2,4-Dimethylphenol                       |                                                      | NA                            | ND(0.80)                      | ND(4.2)                       | 0.70 J                        |
| 2,4-Dinitrophenol                        |                                                      | ND(1.8)                       | ND(2.0)                       | ND(10)                        | ND(9.4)                       |
| 2,4-Dinitrotoluene                       |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| 2,6-Dichlorophenol                       |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| 2,6-Dinitrotoluene                       |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| 2-Acetylaminofluorene                    |                                                      | ND(0.38)                      | ND(1.6)                       | ND(8.5)                       | ND(7.8)                       |
| 2-Chloronaphthalene                      |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| 2-Chlorophenol                           |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| 2-Methylnaphthalene                      |                                                      | ND(0.38)                      | ND(0.80)                      | 0.72 J                        | 0.46 J                        |
| 2-Methylphenol                           |                                                      | ND(0.38)                      | ND(0.80)                      | 1.5 J                         | 0.41 J                        |
| 2-Naphthylamine                          |                                                      | ND(6.5)                       | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| 2-Nitroaniline                           |                                                      | ND(1.8)                       | ND(2.0)                       | ND(10)                        | ND(9.4)                       |
| 2-Nitrophenol                            |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| 2-Picoline                               |                                                      | ND(2.7)                       | ND(0.80)                      | ND(4.2)                       | ND(7.8)                       |
| 3&4-Methylphenol                         |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | 0.52 J                        |
| 3,3'-Dichlorobenzidine                   |                                                      | ND(0.76)                      | ND(1.6)                       | ND(8.5)                       | ND(7.8)                       |
| 3,3'-Dimethylbenzidine                   |                                                      | ND(3.1)                       | ND(1.6)                       | ND(8.5)                       | ND(7.8)                       |
| 3-Methylcholanthrene                     |                                                      | ND(1.2)                       | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| 3-Nitroaniline                           |                                                      | ND(1.8)                       | ND(2.0)                       | ND(10)                        | ND(9.4)                       |
| 4,6-Dinitro-2-methylphenol               |                                                      | ND(1.8)                       | ND(2.0)                       | ND(10)                        | ND(9.4)                       |
| 4-Aminobiphenyl                          |                                                      | ND(1.9)                       | ND(1.6)                       | ND(8.5)                       | ND(7.8)                       |
| 4-Bromophenyl-phenylether                |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| 4-Chloro-3-Methylphenol                  |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| 4-Chloroaniline                          |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| 4-Chlorobenzilate                        |                                                      | ND(0.38)                      | ND(1.6)                       | ND(8.5)                       | ND(7.8)                       |
| 4-Chlorophenyl-phenylether               |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| 4-Nitroaniline                           |                                                      | ND(1.8)                       | ND(2.0)                       | ND(10)                        | ND(9.4)                       |
| 4-Nitrophenol                            |                                                      | ND(1.8)                       | ND(2.0)                       | ND(10)                        | ND(9.4)                       |
| 4-Nitroquinoline-1-oxide                 |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| 4-Phenylenediamine                       |                                                      | ND(1.9)                       | ND(1.6)                       | ND(8.5)                       | ND(7.8)                       |
| 5-Nitro-o-toluidine                      |                                                      | ND(0.77)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| 7,12-Dimethylbenz(a)anthracene           |                                                      | ND(0.77)                      | ND(0.80)                      | ND(4.2)                       | ND(7.8)                       |
| a,a'-Dimethylphenethylamine              |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| Acenaphthene                             |                                                      | ND(0.38)                      | ND(0.80)                      | 3.0 J                         | 2.0 J                         |
| Acenaphthylene                           |                                                      | ND(0.38)                      | 0.26 J                        | ND(4.2)                       | 1.9 J                         |
| Acetophenone                             |                                                      | ND(0.38)                      | 0.14 JB                       | 1.7 JB                        | ND(3.9)                       |
| Aniline                                  |                                                      | ND(0.38)                      | ND(0.80)                      | 12                            | 6.7                           |
| Anthracene                               |                                                      | ND(0.38)                      | 0.27 J                        | 3.9 J                         | 5.0                           |
| Aramite                                  |                                                      | ND(0.38)                      | ND(1.6)                       | ND(8.5)                       | ND(7.8)                       |
| Benzidine                                |                                                      | ND(1.9)                       | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| Benzo(a)anthracene                       |                                                      | ND(0.38)                      | 0.71 J                        | 8.0                           | 14                            |
| Benzo(a)pyrene                           |                                                      | ND(0.38)                      | 0.93                          | 7.2                           | 16                            |
| Benzo(b)fluoranthene                     |                                                      | ND(0.38)                      | 0.91                          | 9.3                           | 17                            |
| Benzo(g,h,i)perylene                     |                                                      | ND(0.38)                      | 0.30 J                        | 1.1 J                         | 3.6 J                         |
| Benzo(k)fluoranthene                     |                                                      | ND(0.38)                      | 1.1                           | 6.9                           | 11                            |
| Benzoic Acid                             |                                                      | ND(1.8)                       | NA                            | NA                            | NA                            |
| Benzyl Alcohol                           |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| bis(2-Chloroethoxy)methane               |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| bis(2-Chloroethyl)ether                  |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| bis(2-Chloroisopropyl)ether              |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| bis(2-Ethylhexyl)phthalate               |                                                      | ND(0.38)                      | 0.15 J                        | ND(4.2)                       | ND(3.9)                       |
| Butylbenzylphthalate                     |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| Chrysene                                 |                                                      | ND(0.38)                      | 0.85                          | 8.7                           | 17                            |
| Diallate                                 |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| Dibenzo(a,h)anthracene                   |                                                      | ND(0.38)                      | 0.27 J                        | 2.1 J                         | ND(3.9)                       |
| Dibenzofuran                             |                                                      | ND(0.38)                      | ND(0.80)                      | 1.4 J                         | 0.84 J                        |
| Diethylphthalate                         |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| Dimethylphthalate                        |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| Di-n-Butylphthalate                      |                                                      | 0.087 JB                      | 0.31 J                        | 1.5 J                         | 2.9 JB                        |
| Di-n-Octylphthalate                      |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| Dinoseb                                  |                                                      | ND(0.77)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| Diphenylamine                            |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| Ethyl Methacrylate                       |                                                      | ND(0.77)                      | NA                            | NA                            | NA                            |
| Ethyl Methanesulfonate                   |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |

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

| Parameter                                | Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | SLB-5-BB<br>0-0.5<br>01/19/95 | SLB-8-BB<br>0-0.5<br>02/23/95 | SLB-9-BB<br>0-0.5<br>02/23/95 | SLB-9-TB<br>0-0.5<br>10/11/95 |
|------------------------------------------|------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| <b>Semivolatile Organics (continued)</b> |                                                      |                               |                               |                               |                               |
| Fluoranthene                             |                                                      | ND(0.38)                      | 1.1                           | 12                            | 31                            |
| Fluorene                                 |                                                      | ND(0.38)                      | 0.13 J                        | 2.6 J                         | 1.8 J                         |
| Hexachlorobenzene                        |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| Hexachlorobutadiene                      |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| Hexachlorocyclopentadiene                |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| Hexachloroethane                         |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| Hexachlorophene                          |                                                      | ND(1.9)                       | ND(3.9)                       | ND(21)                        | ND(19)                        |
| Hexachloropropene                        |                                                      | ND(0.77)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| Indeno(1,2,3-cd)pyrene                   |                                                      | ND(0.38)                      | 0.46 J                        | 3.2 J                         | 4.7                           |
| Isodrin                                  |                                                      | ND(0.38)                      | NA                            | NA                            | NA                            |
| Isophorone                               |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| Isosafrole                               |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| Methapyrilene                            |                                                      | ND(1.5)                       | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| Methyl Methanesulfonate                  |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| Naphthalene                              |                                                      | ND(0.38)                      | 0.094 J                       | 4.5                           | 0.92 J                        |
| Nitrobenzene                             |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| N-Nitrosodiethylamine                    |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| N-Nitrosodimethylamine                   |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| N-Nitroso-di-n-butylamine                |                                                      | ND(0.77)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| N-Nitroso-di-n-propylamine               |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| N-Nitrosodiphenylamine                   |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| N-Nitrosomethylethylamine                |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| N-Nitrosomorpholine                      |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| N-Nitrosopiperidine                      |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| N-Nitrosopyrrolidine                     |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| o,o,o-Triethylphosphorothioate           |                                                      | ND(0.38)                      | NA                            | NA                            | NA                            |
| o-Toluidine                              |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| p-Dimethylaminoazobenzene                |                                                      | ND(1.2)                       | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| Pentachlorobenzene                       |                                                      | ND(0.77)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| Pentachloroethane                        |                                                      | ND(0.77)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| Pentachloronitrobenzene                  |                                                      | ND(0.77)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| Pentachlorophenol                        |                                                      | ND(1.8)                       | ND(2.0)                       | ND(10)                        | ND(9.4)                       |
| Phenacetin                               |                                                      | ND(0.38)                      | ND(1.6)                       | ND(8.5)                       | ND(7.8)                       |
| Phenanthrene                             |                                                      | ND(0.38)                      | 0.88                          | 11                            | 18                            |
| Phenol                                   |                                                      | ND(0.38)                      | 0.25 J                        | 5.9                           | 2.0 J                         |
| Pronamide                                |                                                      | ND(1.2)                       | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| Pyrene                                   |                                                      | ND(0.38)                      | 1.4                           | 14                            | 21                            |
| Pyridine                                 |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| Safrole                                  |                                                      | ND(0.38)                      | ND(0.80)                      | ND(4.2)                       | ND(3.9)                       |
| Sulfotep                                 |                                                      | ND(0.38)                      | NA                            | NA                            | NA                            |
| Thionazin                                |                                                      | ND(0.38)                      | NA                            | NA                            | NA                            |
| <b>Furans</b>                            |                                                      |                               |                               |                               |                               |
| 2,3,7,8-TCDF                             |                                                      | 0.000012 JY                   | 0.000037 Y                    | 0.00027 Y                     | NA                            |
| TCDFs (total)                            |                                                      | 0.000011                      | 0.00031                       | 0.0045                        | NA                            |
| 1,2,3,7,8-PeCDF                          |                                                      | ND(0.0000077)                 | 0.000011                      | 0.000073                      | NA                            |
| 2,3,4,7,8-PeCDF                          |                                                      | ND(0.000012)                  | 0.000013                      | 0.00017                       | NA                            |
| PeCDFs (total)                           |                                                      | 0.000012                      | 0.00026                       | 0.0040                        | NA                            |
| 1,2,3,4,7,8-HxCDF                        |                                                      | ND(0.000014)                  | 0.000012                      | 0.00021                       | NA                            |
| 1,2,3,6,7,8-HxCDF                        |                                                      | ND(0.0000084)                 | ND(0.000020)                  | ND(0.00040)                   | NA                            |
| 1,2,3,7,8,9-HxCDF                        |                                                      | ND(0.0000036)                 | ND(0.0000047)                 | 0.000087                      | NA                            |
| 2,3,4,6,7,8-HxCDF                        |                                                      | ND(0.0000077)                 | 0.000092                      | 0.00024                       | NA                            |
| HxCDFs (total)                           |                                                      | 0.000010                      | 0.00020                       | 0.0048                        | NA                            |
| 1,2,3,4,6,7,8-HpCDF                      |                                                      | 0.000062 J                    | 0.000048                      | 0.00055                       | NA                            |
| 1,2,3,4,7,8,9-HpCDF                      |                                                      | ND(0.0000050)                 | 0.000060 J                    | 0.000087                      | NA                            |
| HpCDFs (total)                           |                                                      | 0.000015                      | 0.00011                       | 0.0014                        | NA                            |
| OCDF                                     |                                                      | 0.000013                      | 0.000076                      | 0.00036                       | NA                            |
| <b>Dioxins</b>                           |                                                      |                               |                               |                               |                               |
| 2,3,7,8-TCDD                             |                                                      | ND(0.0000015)                 | ND(0.0000042)                 | 0.000068                      | NA                            |
| TCDDs (total)                            |                                                      | ND(0.0000043)                 | 0.000095                      | 0.000093                      | NA                            |
| 1,2,3,7,8-PeCDD                          |                                                      | ND(0.0000022)                 | ND(0.000016)                  | 0.000024                      | NA                            |
| PeCDDs (total)                           |                                                      | ND(0.0000072)                 | ND(0.000059)                  | 0.000088                      | NA                            |
| 1,2,3,4,7,8-HxCDD                        |                                                      | ND(0.0000038)                 | ND(0.000023)                  | 0.000027                      | NA                            |
| 1,2,3,6,7,8-HxCDD                        |                                                      | ND(0.000011)                  | 0.000057 J                    | 0.000069                      | NA                            |
| 1,2,3,7,8,9-HxCDD                        |                                                      | ND(0.0000076)                 | 0.000063 J                    | 0.000074                      | NA                            |
| HxCDDs (total)                           |                                                      | ND(0.000027)                  | 0.000041                      | 0.00052                       | NA                            |
| 1,2,3,4,6,7,8-HpCDD                      |                                                      | 0.000019                      | 0.000097                      | 0.00076                       | NA                            |
| HpCDDs (total)                           |                                                      | 0.000033                      | 0.00016                       | 0.0014                        | NA                            |
| OCDD                                     |                                                      | 0.00017                       | 0.00076                       | 0.0041                        | NA                            |
| Total TEQs (WHO TEFs)                    |                                                      | 0.000012                      | 0.000018                      | 0.00025                       | NA                            |

**TABLE B-2**  
**PRIOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS**

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

| Parameter         | Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | SLB-5-BB<br>0-0.5<br>01/19/95 | SLB-8-BB<br>0-0.5<br>02/23/95 | SLB-9-BB<br>0-0.5<br>02/23/95 | SLB-9-TB<br>0-0.5<br>10/11/95 |
|-------------------|------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| <b>Inorganics</b> |                                                      |                               |                               |                               |                               |
| Aluminum          |                                                      | 8300                          | NA                            | NA                            | NA                            |
| Antimony          |                                                      | ND(5.90)                      | 3.80 B                        | 6.50 B                        | NA                            |
| Arsenic           |                                                      | 2.60                          | 9.00                          | 5.30                          | NA                            |
| Barium            |                                                      | 18.2 B                        | 243                           | 47.8 B                        | NA                            |
| Beryllium         |                                                      | ND(0.120)                     | 0.350 B                       | 0.230 B                       | NA                            |
| Cadmium           |                                                      | 0.640                         | 3.70                          | 2.00                          | NA                            |
| Calcium           |                                                      | 5780                          | NA                            | NA                            | NA                            |
| Chromium          |                                                      | 6.70                          | 18.5                          | 24.1                          | NA                            |
| Cobalt            |                                                      | 7.00                          | 8.20 B                        | 7.20 B                        | NA                            |
| Copper            |                                                      | 22.5                          | 130                           | 218                           | NA                            |
| Cyanide           |                                                      | ND(0.530)                     | ND(6.10)                      | ND(6.40)                      | NA                            |
| Iron              |                                                      | 20100                         | NA                            | NA                            | NA                            |
| Lead              |                                                      | 41.7                          | 500                           | 294                           | NA                            |
| Magnesium         |                                                      | 4480                          | NA                            | NA                            | NA                            |
| Manganese         |                                                      | 493                           | NA                            | NA                            | NA                            |
| Mercury           |                                                      | ND(0.120)                     | 1.10                          | 1.30                          | NA                            |
| Nickel            |                                                      | 17.5                          | 26.1                          | 38.1                          | NA                            |
| Potassium         |                                                      | 369 B                         | NA                            | NA                            | NA                            |
| Selenium          |                                                      | 0.310 B                       | 3.70                          | 2.00                          | NA                            |
| Silver            |                                                      | ND(0.590)                     | 0.890 B                       | 1.20 B                        | NA                            |
| Sodium            |                                                      | 38.5 B                        | NA                            | NA                            | NA                            |
| Sulfide           |                                                      | NA                            | 805                           | 1360                          | NA                            |
| Thallium          |                                                      | ND(0.230)                     | ND(1.00)                      | ND(1.10)                      | NA                            |
| Tin               |                                                      | NA                            | 17.6 B                        | 27.3                          | NA                            |
| Vanadium          |                                                      | 10.6                          | 32.5                          | 81.8                          | NA                            |
| Zinc              |                                                      | 80.5                          | 569                           | 385                           | NA                            |

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to Quanterra Environmental Services, Inc., Columbia Analytical Services, Inc., CT&E Environmental Services, Inc. and RECRA Environmental, Inc. for analysis of Appendix IX+3 constituents.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. In Environmental Health Perspectives 8.106(2), December 1998.
5. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics

- B - Analyte was also detected in the associated method blank.
- J - Indicates an estimated value less than the practical quantitation limit (PQL).
- Q - Indicates the presence of quantitative interferences.
- X - Estimated maximum possible concentration.
- Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference. I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- D - Compound quantitated using a secondary dilution.
- E - Analyte exceeded calibration range.

Inorganics

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

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:                   | SL-BH001031-0-0050 |
|------------------------------|--------------------|
| Sample Depth(Feet):          | 5-7                |
| Parameter                    | Date Collected:    |
|                              | 06/23/03           |
| <b>Volatile Organics</b>     |                    |
| 1,1,1,2-Tetrachloroethane    | ND(0.0096)         |
| 1,1,1-Trichloroethane        | ND(0.0096)         |
| 1,1,2,2-Tetrachloroethane    | ND(0.0096)         |
| 1,1,2-Trichloroethane        | ND(0.0096)         |
| 1,1-Dichloroethane           | ND(0.0096)         |
| 1,1-Dichloroethene           | ND(0.0096)         |
| 1,2,3-Trichloropropane       | ND(0.0096)         |
| 1,2,4-Trichlorobenzene       | ND(0.0096)         |
| 1,2-Dibromo-3-chloropropane  | ND(0.0096)         |
| 1,2-Dibromoethane            | ND(0.0096)         |
| 1,2-Dichlorobenzene          | ND(0.0096)         |
| 1,2-Dichloroethane           | ND(0.0096)         |
| 1,2-Dichloropropane          | ND(0.0096)         |
| 1,3-Dichlorobenzene          | ND(0.0096)         |
| 1,4-Dichlorobenzene          | ND(0.0096)         |
| 1,4-Dioxane                  | ND(0.48)           |
| 2-Butanone                   | 0.059 J            |
| 2-Chloro-1,3-butadiene       | ND(0.0096)         |
| 2-Chloroethylvinylether      | ND(0.0096)         |
| 2-Hexanone                   | ND(0.0096)         |
| 3-Chloropropene              | ND(0.0096)         |
| 4-Methyl-2-pentanone         | ND(0.0096)         |
| Acetone                      | 0.23 J             |
| Acrolein                     | ND(0.0096)         |
| Acrylonitrile                | ND(0.0096)         |
| Benzene                      | ND(0.011)          |
| Bromodichloromethane         | ND(0.0096)         |
| Bromoform                    | ND(0.0096)         |
| Bromomethane                 | ND(0.0096)         |
| Carbon Disulfide             | 0.046 J            |
| Carbon Tetrachloride         | ND(0.0096)         |
| Chlorobenzene                | ND(0.0096)         |
| Chloroethane                 | ND(0.0096)         |
| Chloroform                   | ND(0.0096)         |
| Chloromethane                | ND(0.0096)         |
| cis-1,2-Dichloroethene       | ND(0.0096)         |
| cis-1,3-Dichloropropene      | ND(0.0096)         |
| Dibromochloromethane         | ND(0.0096)         |
| Dibromomethane               | ND(0.0096)         |
| Ethyl Methacrylate           | ND(0.0096)         |
| Ethylbenzene                 | ND(0.0096)         |
| Freon 12                     | ND(0.0096)         |
| Iodomethane                  | ND(0.011)          |
| Isobutanol                   | ND(0.48)           |
| m&p-Xylene                   | ND(0.0096)         |
| Methacrylonitrile            | ND(0.0096)         |
| Methyl Methacrylate          | ND(0.0096)         |
| Methyl tert-butyl ether      | ND(0.0096)         |
| Methylene Chloride           | ND(0.0096)         |
| Naphthalene                  | 0.067 J            |
| o-Xylene                     | ND(0.0096)         |
| Propionitrile                | ND(0.038)          |
| Styrene                      | ND(0.0096)         |
| Tetrachloroethene            | ND(0.0096)         |
| Toluene                      | 0.0020 J           |
| trans-1,2-Dichloroethene     | ND(0.0096)         |
| trans-1,3-Dichloropropene    | ND(0.0096)         |
| trans-1,4-Dichloro-2-butene  | ND(0.0096)         |
| Trichloroethene              | ND(0.0096)         |
| Trichlorofluoromethane       | ND(0.0096)         |
| Vinyl Acetate                | ND(0.0096)         |
| Vinyl Chloride               | ND(0.0096)         |
| Xylenes (total)              | ND(0.0096)         |
| <b>Semivolatile Organics</b> |                    |
| 1,2,4,5-Tetrachlorobenzene   | ND(0.88)           |
| 1,2,4-Trichlorobenzene       | 0.054 J            |
| 1,2-Dichlorobenzene          | ND(0.88)           |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Parameter<br>Date Collected: | SL-BH001031-0-0050<br>5-7<br>06/23/03 |
|-------------------------------------------------------------------|---------------------------------------|
| 1,3,5-Trinitrobenzene                                             | ND(0.88)                              |
| <b>Semivolatile Organics (continued)</b>                          |                                       |
| 1,3-Dichlorobenzene                                               | ND(0.88)                              |
| 1,3-Dinitrobenzene                                                | ND(0.88)                              |
| 1,4-Dichlorobenzene                                               | ND(0.88)                              |
| 1,4-Naphthoquinone                                                | ND(0.88)                              |
| 1-Naphthylamine                                                   | ND(0.88)                              |
| 2,3,4,6-Tetrachlorophenol                                         | ND(0.88)                              |
| 2,4,5-Trichlorophenol                                             | ND(2.2)                               |
| 2,4,6-Trichlorophenol                                             | ND(0.88)                              |
| 2,4-Dichlorophenol                                                | ND(0.88)                              |
| 2,4-Dimethylphenol                                                | ND(0.88)                              |
| 2,4-Dinitrophenol                                                 | ND(2.2)                               |
| 2,4-Dinitrotoluene                                                | ND(0.88)                              |
| 2,6-Dichlorophenol                                                | ND(0.88)                              |
| 2,6-Dinitrotoluene                                                | ND(0.88)                              |
| 2-Acetylaminofluorene                                             | ND(0.88)                              |
| 2-Chloronaphthalene                                               | ND(0.88)                              |
| 2-Chlorophenol                                                    | ND(0.88)                              |
| 2-Methylnaphthalene                                               | 0.36 J                                |
| 2-Methylphenol                                                    | ND(0.88)                              |
| 2-Naphthylamine                                                   | ND(0.88)                              |
| 2-Nitroaniline                                                    | ND(2.2)                               |
| 2-Nitrophenol                                                     | ND(0.88)                              |
| 2-Picoline                                                        | ND(0.88)                              |
| 3,3'-Dichlorobenzidine                                            | ND(0.88)                              |
| 3,3'-Dimethylbenzidine                                            | ND(0.88)                              |
| 3-Methylcholanthrene                                              | ND(0.88)                              |
| 3-Nitroaniline                                                    | ND(2.2)                               |
| 4,6-Dinitro-2-methylphenol                                        | ND(2.2)                               |
| 4-Aminobiphenyl                                                   | ND(0.88)                              |
| 4-Bromophenyl-phenylether                                         | ND(0.88)                              |
| 4-Chloro-3-Methylphenol                                           | ND(0.88)                              |
| 4-Chloroaniline                                                   | ND(0.88)                              |
| 4-Chlorobenzilate                                                 | ND(0.88)                              |
| 4-Chlorophenyl-phenylether                                        | ND(0.88)                              |
| 4-Methylphenol                                                    | 0.10 J                                |
| 4-Nitroaniline                                                    | ND(2.2)                               |
| 4-Nitrophenol                                                     | ND(2.2)                               |
| 4-Nitroquinoline-1-oxide                                          | ND(0.88)                              |
| 4-Phenylenediamine                                                | ND(0.88)                              |
| 5-Nitro-o-toluidine                                               | ND(0.88)                              |
| 7,12-Dimethylbenz(a)anthracene                                    | ND(0.88)                              |
| a,a'-Dimethylphenethylamine                                       | ND(0.88)                              |
| Acenaphthene                                                      | 0.74 J                                |
| Acenaphthylene                                                    | ND(0.88)                              |
| Acetophenone                                                      | ND(0.88)                              |
| Aniline                                                           | ND(2.2)                               |
| Anthracene                                                        | 0.67 J                                |
| Aramite                                                           | ND(0.88)                              |
| Azobenzene                                                        | ND(0.88)                              |
| Benzo(a)anthracene                                                | 2.2                                   |
| Benzo(a)pyrene                                                    | 1.9                                   |
| Benzo(b)fluoranthene                                              | 1.9                                   |
| Benzo(g,h,i)perylene                                              | 1.4 J                                 |
| Benzo(k)fluoranthene                                              | 1.7                                   |
| Benzyl Alcohol                                                    | ND(0.88)                              |
| bis(2-Chloroethoxy)methane                                        | ND(0.88)                              |
| bis(2-Chloroethyl)ether                                           | ND(0.88)                              |
| bis(2-Chloroisopropyl)ether                                       | ND(0.88)                              |
| bis(2-Ethylhexyl)phthalate                                        | ND(0.88)                              |
| Butylbenzylphthalate                                              | ND(0.88)                              |
| Chrysene                                                          | 2.4                                   |
| Diallate                                                          | ND(0.88)                              |
| Dibenzo(a,h)anthracene                                            | 0.35 J                                |
| Dibenzofuran                                                      | 0.23 J                                |
| Diethylphthalate                                                  | ND(0.88)                              |
| Dimethylphthalate                                                 | ND(0.88)                              |

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

**PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR SOILS ADJACENT TO SILVER LAKE**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**(Results are presented in dry weight parts per million, ppm)**

| Sample ID:<br>Sample Depth(Feet):<br>Parameter<br>Date Collected: | SL-BH001031-0-0050<br>5-7<br>06/23/03 |
|-------------------------------------------------------------------|---------------------------------------|
| Di-n-Butylphthalate                                               | ND(0.88)                              |
| Di-n-Octylphthalate                                               | ND(0.88)                              |
| <b>Semivolatile Organics (continued)</b>                          |                                       |
| Dinoseb                                                           | ND(0.88)                              |
| Ethyl Methanesulfonate                                            | ND(0.88)                              |
| Fluoranthene                                                      | 4.8                                   |
| Fluorene                                                          | 0.44 J                                |
| Hexachlorobenzene                                                 | ND(0.88)                              |
| Hexachlorobutadiene                                               | ND(0.88)                              |
| Hexachlorocyclopentadiene                                         | ND(0.88)                              |
| Hexachloroethane                                                  | ND(0.88)                              |
| Hexachloropropene                                                 | ND(0.88)                              |
| Indeno(1,2,3-cd)pyrene                                            | 1.2 J                                 |
| Isophorone                                                        | ND(0.88)                              |
| Isosafrole                                                        | ND(0.88)                              |
| Methapyrilene                                                     | ND(0.88)                              |
| Methyl Methanesulfonate                                           | ND(0.88)                              |
| Naphthalene                                                       | 3.2                                   |
| Nitrobenzene                                                      | ND(0.88)                              |
| N-Nitrosodiethylamine                                             | ND(0.88)                              |
| N-Nitrosodimethylamine                                            | ND(0.88)                              |
| N-Nitroso-di-n-butylamine                                         | ND(0.88)                              |
| N-Nitroso-di-n-propylamine                                        | ND(0.88)                              |
| N-Nitrosodiphenylamine                                            | ND(0.88)                              |
| N-Nitrosomethylethylamine                                         | ND(0.88)                              |
| N-Nitrosomorpholine                                               | ND(0.88)                              |
| N-Nitrosopiperidine                                               | ND(0.88)                              |
| N-Nitrosopyrrolidine                                              | ND(0.88)                              |
| o-Toluidine                                                       | ND(0.88)                              |
| p-Dimethylaminoazobenzene                                         | ND(0.88)                              |
| Pentachlorobenzene                                                | ND(0.88)                              |
| Pentachloroethane                                                 | ND(0.88)                              |
| Pentachloronitrobenzene                                           | ND(0.88)                              |
| Pentachlorophenol                                                 | ND(2.2)                               |
| Phenacetin                                                        | ND(0.88)                              |
| Phenanthrene                                                      | 2.9                                   |
| Phenol                                                            | ND(0.88)                              |
| Pronamide                                                         | ND(0.88)                              |
| Pyrene                                                            | 4.5                                   |
| Pyridine                                                          | ND(0.88)                              |
| Safrole                                                           | ND(0.88)                              |
| <b>Inorganics</b>                                                 |                                       |
| Antimony                                                          | 2.50                                  |
| Arsenic                                                           | 10.6                                  |
| Barium                                                            | 1240                                  |
| Beryllium                                                         | 0.270                                 |
| Cadmium                                                           | 4.80                                  |
| Chromium                                                          | 39.8                                  |
| Cobalt                                                            | 6.90                                  |
| Copper                                                            | 171                                   |
| Lead                                                              | 463                                   |
| Mercury                                                           | 0.310                                 |
| Nickel                                                            | 38.3                                  |
| Selenium                                                          | 0.960                                 |
| Silver                                                            | 0.850                                 |
| Thallium                                                          | 1.70                                  |
| Tin                                                               | 439                                   |
| Vanadium                                                          | 10.4                                  |
| Zinc                                                              | 2320                                  |

**Notes:**

1. Sample collection and analysis performed by United States Environmental Protection Agency (EPA) subcontractors.
2. Results are preliminary. Validated results will be provided to GE under a Data Exchange Agreement between GE and E
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

**Data Qualifiers:**

J - Estimated Value.



# *Appendix C*

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## **Data Validation Report**

## APPENDIX C

### GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS

#### SILVER LAKE PRE-DESIGN INVESTIGATION

#### SOIL SAMPLING DATA VALIDATION REPORT

### 1.0 General

This appendix summarizes the Tier I and Tier II data reviews performed for soil samples collected during pre-design investigation (PDI) activities conducted in support of Removal Design/Removal Action (RD/RA) at the Silver Lake Area, located in Pittsfield, Massachusetts. The samples were analyzed for various constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents -- benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine (hereafter referred to as Appendix IX+3), excluding pesticides and herbicides, by CT&E Environmental Services, Inc. of Charleston, West Virginia. Data validation was performed for 333 polychlorinated biphenyl (PCB) samples, 135 volatile organic compound (VOC) samples, 118 semi-volatile organic compound (SVOC) samples, 117 polychlorinated dibenzo-p-dioxin (PCDD)/polychlorinated dibenzofuran (PCDF) samples, 117 metals samples, and 117 cyanide/sulfide samples.

### 2.0 Data Evaluation Procedures

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

- *Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts*, Blasland, Bouck & Lee, Inc. ([BBL]; FSP/QAPP, approved October 17, 2000);
- *Region I Tiered Organic and Inorganic Data Validation Guidelines*, USEPA Region I (July 1, 1993);
- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Inorganics Analyses*, USEPA Region I (June 13, 1988) (Modified February 1989);
- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses*, USEPA Region I (February 1, 1988) (Modified November 1, 1988);
- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses*, USEPA Region I (Draft, December 1996); and
- *National Functional Guidelines for Dioxin/Furan Data Validation*, USEPA (Draft, January 1996).

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

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

- J The compound or analyte was positively identified, but the associated numerical value is an estimated concentration. This qualifier is used when the data evaluation procedure identifies a deficiency in the data generation process. This qualifier is also used when a compound or analyte is detected at an estimated concentration less than the Practical Quantitation Limit (PQL).
- U The compound or analyte was analyzed for, but was not detected. The sample quantitation limit is presented and adjusted for dilution and (for solid samples only) percent moisture. Non-detected sample results are presented as ND(PQL) within this report and in Table C-1 for consistency with previous documents prepared for this investigation.
- UJ The compound or analyte was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual level of quantitation. Non-detected sample results that required qualification are presented as ND(PQL) J within this report and in Table C-1 for consistency with previous documents prepared for this investigation.
- R Indicates that the previously reported detection limit or sample result has been rejected due to a major deficiency in the data generation procedure. The data should not be used for any qualitative or quantitative purposes.

### **3.0 Data Validation Procedures**

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

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

| Parameter       | Tier I Only |            |          | Tier I & Tier II |            |           | Total      |
|-----------------|-------------|------------|----------|------------------|------------|-----------|------------|
|                 | Samples     | Duplicates | Blanks   | Samples          | Duplicates | Blanks    |            |
| PCBs            | 0           | 0          | 0        | 295              | 19         | 19        | 333        |
| VOCs            | 0           | 0          | 0        | 105              | 24         | 6         | 135        |
| SVOCs           | 0           | 0          | 0        | 106              | 6          | 6         | 118        |
| PCDDs/PCDFs     | 0           | 0          | 0        | 105              | 6          | 6         | 117        |
| Metals          | 0           | 0          | 0        | 105              | 6          | 6         | 117        |
| Cyanide/Sulfide | 0           | 0          | 0        | 105              | 6          | 6         | 117        |
| <b>Total</b>    | <b>0</b>    | <b>0</b>   | <b>0</b> | <b>821</b>       | <b>67</b>  | <b>49</b> | <b>937</b> |

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

As specified in the FSP/QAPP, a Tier II review was also performed to resolve data usability limitations identified from laboratory qualification of the data during the Tier I data review. The Tier II data review consisted of a

review of all data package summary forms for identification of Quality Assurance/Quality Control (QA/QC) deviations and qualification of the data according to the Region I Data Validation Functional Guidelines. The Tier II review resulted in the qualification of data for several samples due to minor QA/QC deficiencies. Additionally, all field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP.

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

#### **4.0 Data Review**

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

**Analysis Qualified Due to Initial Calibration Deviations**

| <b>Analysis</b> | <b>Compound</b>         | <b>Number of Affected Samples</b> | <b>Qualification</b> |
|-----------------|-------------------------|-----------------------------------|----------------------|
| VOCs            | 1,4-Dioxane             | 110                               | J                    |
|                 | 2-Chloroethylvinylether | 24                                | J                    |
|                 | Acetonitrile            | 134                               | J                    |
|                 | Acrolein                | 134                               | J                    |
|                 | Isobutanol              | 134                               | J                    |
|                 | Propionitrile           | 24                                | J                    |
| SVOCs           | Hexachlorophene         | 116                               | J                    |

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

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

**Compounds Qualified Due to Initial Calibration %RSD Deviations**

| Analysis    | Compound                  | Number of Affected Samples | Qualification |
|-------------|---------------------------|----------------------------|---------------|
| SVOCs       | 2,3,4,6-Tetrachlorophenol | 5                          | J             |
|             | 2,4-Dinitrophenol         | 115                        | J             |
|             | 4-Nitrophenol             | 115                        | J             |
|             | Hexachlorocyclopentadiene | 116                        | J             |
| PCDDs/PCDFs | 1,2,3,7,8,9-HxCDF         | 6                          | J             |
|             | 2,3,4,6,7,8-HxCDF         | 5                          | J             |
|             | TCDFs (total)             | 12                         | J             |

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

**Compounds Qualified Due to Continuing Calibration of %D Values**

| Analysis | Compound                   | Number of Affected Samples | Qualification |
|----------|----------------------------|----------------------------|---------------|
| PCBs     | Aroclor-1016               | 3                          | J             |
|          | Aroclor-1221               | 3                          | J             |
|          | Aroclor-1232               | 3                          | J             |
|          | Aroclor-1242               | 3                          | J             |
|          | Aroclor-1248               | 3                          | J             |
|          | Aroclor-1254               | 3                          | J             |
|          | Aroclor-1260               | 3                          | J             |
|          | Total PCBs                 | 3                          | J             |
| VOCs     | 1,4-Dioxane                | 2                          | J             |
|          | Acrylonitrile              | 25                         | J             |
|          | Bromoform                  | 12                         | J             |
|          | Bromomethane               | 5                          | J             |
|          | Carbon Disulfide           | 83                         | J             |
|          | Dichlorodifluoromethane    | 6                          | J             |
|          | Iodomethane                | 102                        | J             |
|          | Tetrachloroethene          | 6                          | J             |
|          | Trichloroethene            | 6                          | J             |
| SVOCs    | 1,2,4,5-Tetrachlorobenzene | 17                         | J             |
|          | 1,2-Diphenylhydrazine      | 1                          | J             |
|          | 1,3,5-Trinitrobenzene      | 39                         | J             |
|          | 1,3-Dinitrobenzene         | 9                          | J             |
|          | 1,4-Naphthoquinone         | 23                         | J             |
|          | 2,3,4,6-Tetrachlorophenol  | 24                         | J             |
|          | 2-Naphthylamine            | 10                         | J             |
|          | 3,3'-Dichlorobenzidine     | 11                         | J             |

**Compounds Qualified Due to Continuing Calibration of %D Values**

| Analysis  | Compound                       | Number of Affected Samples | Qualification |
|-----------|--------------------------------|----------------------------|---------------|
| SVOCs     | 3,3'-Dimethylbenzidine         | 8                          | J             |
|           | 4,6-Dinitro-2-methylphenol     | 5                          | J             |
|           | 4-Chlorobenzilate              | 1                          | J             |
|           | 4-Nitroaniline                 | 11                         | J             |
|           | 4-Nitroquinoline-1-oxide       | 31                         | J             |
|           | a,a'-Dimethylphenethylamine    | 19                         | J             |
|           | Benzidine                      | 30                         | J             |
|           | Benzyl Alcohol                 | 18                         | J             |
|           | bis(2-Chloroethoxy)methane     | 11                         | J             |
|           | bis(2-Chloroethyl)ether        | 61                         | J             |
|           | bis(2-Chloroisopropyl)ether    | 37                         | J             |
|           | Hexachlorobenzene              | 6                          | J             |
|           | Hexachloropropene              | 59                         | J             |
|           | Isodrin                        | 5                          | J             |
|           | N-Nitroso-di-n-butylamine      | 21                         | J             |
|           | N-Nitrosopiperidine            | 13                         | J             |
|           | N-Nitrosopyrrolidine           | 10                         | J             |
|           | o,o,o-Triethylphosphorothioate | 47                         | J             |
|           | Pentachlorobenzene             | 27                         | J             |
|           | Pentachloronitrobenzene        | 73                         | J             |
|           | Safrole                        | 36                         | J             |
| Thionazin | 21                             | J                          |               |

Inorganic continuing calibration verification (CCV) criteria require that the percent recovery of the CCV standards be between 90% to 110% recovery. Sample data for non-detected analytes with a percent recovery less than 90% were qualified as estimated (J). A summary of the compounds that exceeded continuing calibration criterion and the number of samples qualified due to those deviations are identified below.

**Analytes Qualified Due to CCV Standard Deviations**

| Analysis   | Analytes | Number of Affected Samples | Qualification |
|------------|----------|----------------------------|---------------|
| Inorganics | Lead     | 15                         | J             |
|            | Thallium | 5                          | J             |

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

**Analytes Qualified Due to CRDL Standard Recovery Deviations**

| Analysis   | Analyte   | Number of Affected Samples | Qualification |
|------------|-----------|----------------------------|---------------|
| Inorganics | Arsenic   | 3                          | J             |
|            | Beryllium | 8                          | J             |
|            | Copper    | 1                          | J             |
|            | Lead      | 1                          | J             |
|            | Selenium  | 105                        | J             |
|            | Thallium  | 63                         | J             |
|            | Zinc      | 3                          | J             |

Field, laboratory, and method blanks were analyzed to evaluate whether field sampling equipment or laboratory background contamination may have contributed to the reported sample results. When detected analytes were identified in a blank sample, blank action levels were calculated at 10 times the blank concentrations for the common laboratory contaminant compounds (OCDD) and five times the blank concentration for all other detected analytes. Detected sample results that were below the blank action level were qualified as “U.” The analytes detected in the method blanks and which resulted in qualification of sample data are presented below.

**Compounds Qualified Due to Blank Deviations**

| Analysis    | Compound  | Number of Affected Samples | Qualification |
|-------------|-----------|----------------------------|---------------|
| Inorganics  | Antimony  | 14                         | U             |
|             | Barium    | 6                          | U             |
|             | Beryllium | 28                         | U             |
|             | Cadmium   | 5                          | U             |
|             | Cobalt    | 2                          | U             |
|             | Copper    | 2                          | U             |
|             | Selenium  | 1                          | U             |
|             | Silver    | 2                          | U             |
|             | Thallium  | 1                          | U             |
|             | Tin       | 76                         | U             |
|             | Zinc      | 3                          | U             |
| PCDDs/PCDFs | OCDF      | 3                          | U             |

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

**Compounds Qualified Due to Surrogate Recovery Deviations**

| <b>Analysis</b> | <b>Compound</b>                            | <b>Number of Affected Samples</b> | <b>Qualification</b> |
|-----------------|--------------------------------------------|-----------------------------------|----------------------|
| SVOCs           | 2,3,4,6-Tetrachlorophenol                  | 2                                 | R                    |
|                 | 2,4,5-Trichlorophenol                      | 2                                 | R                    |
|                 | 2,4,6-Trichlorophenol                      | 2                                 | R                    |
|                 | 2,4-Dichlorophenol                         | 2                                 | R                    |
|                 | 2,4-Dimethylphenol                         | 2                                 | R                    |
|                 | 2,4-Dinitrophenol                          | 2                                 | R                    |
|                 | 2,6-Dichlorophenol                         | 2                                 | R                    |
|                 | 2-Chlorophenol                             | 2                                 | R                    |
|                 | 2-Nitrophenol                              | 2                                 | R                    |
|                 | 3&4-Methylphenol                           | 2                                 | R                    |
|                 | 4,6-Dinitro-2-methylphenol                 | 2                                 | R                    |
|                 | 4-Chloro-3-Methylphenol                    | 2                                 | R                    |
|                 | 4-Nitrophenol                              | 2                                 | R                    |
|                 | Benzyl Alcohol                             | 2                                 | R                    |
|                 | Pentachlorophenol                          | 2                                 | R                    |
|                 | Phenol                                     | 2                                 | R                    |
|                 | Benzo(g,h,i)perylene                       | 1                                 | R                    |
|                 | 2-Methylnaphthalene                        | 1                                 | R                    |
|                 | Indeno(1,2,3-cd)pyrene                     | 1                                 | R                    |
|                 | Hexachlorophene                            | 1                                 | R                    |
|                 | Benzo(a)pyrene                             | 1                                 | R                    |
|                 | Benzo(a)anthracene                         | 1                                 | R                    |
|                 | Chrysene                                   | 1                                 | R                    |
|                 | Phenanthrene                               | 1                                 | R                    |
|                 | Aniline                                    | 2                                 | R                    |
|                 | Fluoranthene                               | 2                                 | R                    |
|                 | Pyrene                                     | 2                                 | R                    |
|                 | Acenaphthene                               | 2                                 | R                    |
|                 | All Base-neutrals not previously rejected. | 2                                 | J                    |

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



**Analytes/Compounds Qualified Due to MS Recovery Deviations**

| <b>Analysis</b> | <b>Analyte/Compounds</b> | <b>Number of Affected Samples</b> | <b>Qualification</b> |
|-----------------|--------------------------|-----------------------------------|----------------------|
| Inorganics      | Lead                     | 9                                 | J                    |
| PCBs            | Aroclor-1016             | 1                                 | R                    |
|                 |                          | 3                                 | J                    |
|                 | Aroclor-1221             | 1                                 | R                    |
|                 |                          | 3                                 | J                    |
|                 | Aroclor-1232             | 1                                 | R                    |
|                 |                          | 3                                 | J                    |
|                 | Aroclor-1242             | 1                                 | R                    |
|                 |                          | 3                                 | J                    |
|                 | Aroclor-1248             | 1                                 | R                    |
|                 |                          | 3                                 | J                    |
| Aroclor-1254    | 5                        | J                                 |                      |
| Aroclor-1260    | 5                        | J                                 |                      |
| Total PCBs      | 5                        | J                                 |                      |
| PCDDs/PCDFs     | 1,2,3,6,7,8-HxCDF        | 1                                 | J                    |
|                 | HxCDFs (total)           | 1                                 | J                    |
|                 | OCDD                     | 1                                 | J                    |

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

**Compounds Qualified Due to MS RPD Deviations**

| <b>Analysis</b> | <b>Compounds</b>        | <b>Number of Affected Samples</b> | <b>Qualification</b> |
|-----------------|-------------------------|-----------------------------------|----------------------|
| PCBs            | Aroclor-1254            | 1                                 | J                    |
|                 | Total PCBs              | 1                                 | J                    |
| SVOCs           | 4-Chloro-3-Methylphenol | 1                                 | J                    |
|                 | Pentachlorophenol       | 1                                 | J                    |
|                 | Pyrene                  | 1                                 | J                    |
| PCDDs/PCDFs     | 1,2,3,7,8,9-HxCDF       | 1                                 | J                    |
|                 | HpCDDs (total)          | 1                                 | J                    |
|                 | OCDF                    | 1                                 | J                    |
|                 | TCDFs (total)           | 1                                 | J                    |

Laboratory duplicate samples were analyzed to evaluate the overall precision of laboratory and field procedures for inorganic analysis. The RPD between duplicate samples is required to be less than 35 percent for soil samples with analyte concentrations greater than five times the PQL. Detected sample results for analytes that exceeded

these limits were qualified as estimated (J). The inorganic analytes that did not meet laboratory duplicate RPD criteria and the samples qualified due to those deviations are presented below.

**Analytes Qualified Due to Laboratory Duplicate Deviations**

| Analysis   | Analytes | Number of Affected Samples | Qualification |
|------------|----------|----------------------------|---------------|
| Inorganics | Antimony | 3                          | J             |
|            | Arsenic  | 3                          | J             |
|            | Cadmium  | 3                          | J             |
|            | Chromium | 3                          | J             |
|            | Copper   | 3                          | J             |
|            | Lead     | 3                          | J             |
|            | Mercury  | 4                          | J             |
|            | Nickel   | 3                          | J             |
|            | Silver   | 13                         | J             |
|            | Tin      | 2                          | J             |
|            | Vanadium | 3                          | J             |
|            | Zinc     | 3                          | J             |

Field duplicate samples were analyzed to evaluate the overall precision of laboratory and field procedures. The RPD between duplicate samples is required to be less than 50% for soil sample values greater than five times the PQL. Sample results for analytes that exceeded these limits were qualified as estimated (J). The compounds that did not meet field duplicate RPD requirements and the number of samples qualified due to those deviations are presented below.

**Compounds Qualified Due to Field Duplicate Deviations**

| Analysis   | Analytes/Compounds   | Number of Affected Samples | Qualification |
|------------|----------------------|----------------------------|---------------|
| Inorganics | Barium               | 5                          | J             |
|            | Cadmium              | 9                          | J             |
|            | Chromium             | 14                         | J             |
|            | Copper               | 5                          | J             |
|            | Lead                 | 19                         | J             |
|            | Nickel               | 20                         | J             |
|            | Zinc                 | 5                          | J             |
| SVOCs      | Aniline              | 2                          | J             |
|            | Anthracene           | 2                          | J             |
|            | Benzo(a)anthracene   | 8                          | J             |
|            | Benzo(a)pyrene       | 8                          | J             |
|            | Benzo(b)fluoranthene | 8                          | J             |
|            | Benzo(g,h,i)perylene | 4                          | J             |
|            | Benzo(k)fluoranthene | 10                         | J             |
|            | Chrysene             | 8                          | J             |
|            | Fluoranthene         | 8                          | J             |

**Compounds Qualified Due to Field Duplicate Deviations**

| Analysis    | Analytes/Compounds     | Number of Affected Samples | Qualification |
|-------------|------------------------|----------------------------|---------------|
|             | Indeno(1,2,3-cd)pyrene | 4                          | J             |
|             | Phenanthrene           | 8                          | J             |
|             | Phenol                 | 2                          | J             |
|             | Pyrene                 | 8                          | J             |
| PCBs        | Aroclor-1254           | 12                         | J             |
| PCBs        | Aroclor-1260           | 10                         | J             |
|             | Total PCBs             | 9                          | J             |
| PCDDs/PCDFs | 1,2,3,4,6,7,8-HpCDD    | 2                          | J             |
|             | 1,2,3,4,6,7,8-HpCDF    | 2                          | J             |
|             | 1,2,3,4,7,8-HxCDF      | 4                          | J             |
|             | 1,2,3,6,7,8-HxCDF      | 2                          | J             |
|             | 2,3,4,6,7,8-HxCDF      | 2                          | J             |
|             | HpCDDs (total)         | 2                          | J             |
|             | HxCDDs (total)         | 2                          | J             |
|             | HxCDFs (total)         | 6                          | J             |
|             | OCDD                   | 2                          | J             |
|             | OCDF                   | 4                          | J             |
|             | PeCDDs (total)         | 2                          | J             |
|             | PeCDFs (total)         | 6                          | J             |
|             | TCDDs (total)          | 4                          | J             |
|             | TCDFs (total)          | 4                          | J             |

Internal standard compounds for VOCs and SVOCs analysis are required to have area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts for the continuing calibration standard. The PCDDs/PCDFs internal standard compound recovery criteria require that internal standard recoveries be between 40 and 140%. VOCs and SVOCs sample results for the associated compounds were qualified as estimated (J) when the internal standard recovery was less than 50%, but greater than 25%. VOCs and SVOCs sample results for the associated compounds were qualified as rejected (R) when the internal standard recovery was less than 25%. PCDDs/PCDFs sample results for the associated compounds were qualified as estimated (J) when the internal standard recovery was less than 25%, but greater than 10%. Compounds associated with internal standards which exceeded the recovery criteria and the numbers of samples qualified due to those deviations are identified below.

**Compounds Qualified Due to Internal Standard Recovery Deviations**

| Analysis | Compound                    | Number of Affected Samples | Qualification |
|----------|-----------------------------|----------------------------|---------------|
| VOCs     | 1,1,2,2-Tetrachloroethane   | 3                          | J             |
|          | 1,2,3-Trichloropropane      | 3                          | J             |
|          | 1,2-Dibromo-3-chloropropane | 3                          | J             |
|          | trans-1,4-Dichloro-2-butene | 3                          | J             |
|          | 1,1,1,2-Tetrachloroethane   | 3                          | J             |
|          | 1,1,2-Trichloroethane       | 3                          | J             |
|          | 1,2-Dibromoethane           | 3                          | J             |

**Compounds Qualified Due to Internal Standard Recovery Deviations**

| <b>Analysis</b> | <b>Compound</b>           | <b>Number of Affected Samples</b> | <b>Qualification</b> |
|-----------------|---------------------------|-----------------------------------|----------------------|
|                 | 2-Hexanone                | 3                                 | J                    |
|                 | Bromoform                 | 3                                 | J                    |
|                 | Chlorobenzene             | 3                                 | J                    |
|                 | Dibromochloromethane      | 3                                 | J                    |
|                 | Ethyl Methacrylate        | 3                                 | J                    |
|                 | Ethylbenzene              | 3                                 | J                    |
| VOCs            | Styrene                   | 3                                 | J                    |
|                 | Tetrachloroethene         | 2                                 | J                    |
|                 | Toluene                   | 3                                 | J                    |
|                 | trans-1,3-Dichloropropene | 3                                 | J                    |
|                 | Xylenes (total)           | 3                                 | J                    |
|                 | 1,1,1-Trichloroethane     | 2                                 | J                    |
|                 | 1,1-Dichloroethane        | 2                                 | J                    |
|                 | 1,1-Dichloroethene        | 2                                 | J                    |
|                 | 1,2-Dichloroethane        | 2                                 | J                    |
|                 | 1,2-Dichloropropane       | 2                                 | J                    |
|                 | 1,4-Dioxane               | 1                                 | J                    |
|                 | 2-Butanone                | 2                                 | J                    |
|                 | 2-Chloro-1,3-butadiene    | 2                                 | J                    |
|                 | 2-Chloroethylvinylether   | 2                                 | J                    |
|                 | 3-Chloropropene           | 2                                 | J                    |
|                 | 4-Methyl-2-pentanone      | 2                                 | J                    |
|                 | Acetone                   | 2                                 | J                    |
|                 | Acetonitrile              | 1                                 | J                    |
|                 | Acrolein                  | 1                                 | J                    |
|                 | Acrylonitrile             | 2                                 | J                    |
|                 | Benzene                   | 2                                 | J                    |
|                 | Bromodichloromethane      | 2                                 | J                    |
|                 | Bromomethane              | 2                                 | J                    |
|                 | Carbon Disulfide          | 1                                 | J                    |
|                 | Carbon Tetrachloride      | 2                                 | J                    |
|                 | Chloroethane              | 2                                 | J                    |
|                 | Chloroform                | 2                                 | J                    |
|                 | Chloromethane             | 2                                 | J                    |
|                 | cis-1,3-Dichloropropene   | 2                                 | J                    |
|                 | Dibromomethane            | 2                                 | J                    |
|                 | Dichlorodifluoromethane   | 2                                 | J                    |
|                 | Iodomethane               | 2                                 | J                    |
|                 | Isobutanol                | 1                                 | J                    |
|                 | Methacrylonitrile         | 2                                 | J                    |
|                 | Methyl Methacrylate       | 2                                 | J                    |

**Compounds Qualified Due to Internal Standard Recovery Deviations**

| Analysis    | Compound                 | Number of Affected Samples | Qualification |
|-------------|--------------------------|----------------------------|---------------|
|             | Methylene Chloride       | 2                          | J             |
|             | Propionitrile            | 2                          | J             |
|             | trans-1,2-Dichloroethene | 2                          | J             |
|             | Trichloroethene          | 2                          | J             |
|             | Trichlorofluoromethane   | 2                          | J             |
|             | Vinyl Acetate            | 2                          | J             |
|             | Vinyl Chloride           | 2                          | J             |
| PCDDs/PCDFs | 1,2,3,4,7,8-HxCDD        | 1                          | J             |
|             | 2,3,7,8-TCDD             | 19                         | J             |
|             | 2,3,7,8-TCDF             | 1                          | J             |
|             | HxCDDs (total)           | 1                          | J             |
|             | TCDDs (total)            | 17                         | J             |
|             | TCDFs (total)            | 1                          | J             |

Extraction holding timing criterion for organics require that groundwater herbicides are extracted within 7 days. The compounds that exceeded extraction holding time and the number of samples qualified due to deviation are presented below.

**Compounds Qualified Due to Extraction Holding Time Deviations**

| Analysis | Compound     | Number of Affected Samples | Qualification |
|----------|--------------|----------------------------|---------------|
| PCBs     | Aroclor-1016 | 6                          | J             |
|          | Aroclor-1221 | 6                          | J             |
|          | Aroclor-1232 | 6                          | J             |
|          | Aroclor-1242 | 6                          | J             |
|          | Aroclor-1248 | 6                          | J             |
|          | Aroclor-1254 | 6                          | J             |
|          | Aroclor-1260 | 6                          | J             |
|          | Total PCBs   | 6                          | J             |

Chromatographic resolution analysis criteria for PCDDs/PCDFs require that the chromatographic peak separation be less than 25%. PCDDs/PCDFs sample results associated with the chromatographic peak separation which is greater than 25% were qualified as estimated (J). The associated compounds and the samples qualified due to the chromatographic resolution deviations are presented below.

**Compounds Qualified Due to LCS Recovery Deviations**

| Analysis    | Compounds           | Number of Affected Samples | Qualification |
|-------------|---------------------|----------------------------|---------------|
| PCDDs/PCDFs | 1,2,3,4,6,7,8-HpCDD | 6                          | J             |
|             | 1,2,3,4,6,7,8-HpCDF | 6                          | J             |
|             | 1,2,3,4,7,8-HxCDF   | 3                          | J             |
|             | 1,2,3,6,7,8-HxCDD   | 4                          | J             |

**Compounds Qualified Due to LCS Recovery Deviations**

| Analysis | Compounds         | Number of Affected Samples | Qualification |
|----------|-------------------|----------------------------|---------------|
|          | 1,2,3,6,7,8-HxCDF | 6                          | J             |
|          | HpCDDs (total)    | 7                          | J             |
|          | HpCDFs (total)    | 8                          | J             |
|          | HxCDDs (total)    | 3                          | J             |
|          | HxCDFs (total)    | 7                          | J             |
|          | OCDD              | 7                          | J             |
|          | OCDF              | 7                          | J             |
|          | PeCDFs (total)    | 5                          | J             |
|          | TCDFs (total)     | 2                          | J             |

Laboratory control sample (LCS) analysis recovery criteria for organics the LCS recoveries must be within the laboratory-generated QC acceptance limits specified on the LCS reporting form. Organic sample results associated with a LCS that exceeded laboratory-generated QC acceptance limits and exhibited a recovery less than 10% were qualified as rejected (R). Compounds that did not meet LCS recovery criteria and the samples qualified due to those deviations are presented below.

**Compounds Qualified Due to LCS Recovery Deviations**

| Analysis    | Compounds           | Number of Affected Samples | Qualification |
|-------------|---------------------|----------------------------|---------------|
| PCDDs/PCDFs | 1,2,3,4,7,8,9-HpCDF | 5                          | J             |
|             | 2,3,4,6,7,8-HxCDF   | 2                          | J             |
|             | OCDD                | 8                          | J             |
|             | 1,2,3,4,6,7,8-HpCDF | 15                         | J             |
|             | HpCDFs (total)      | 16                         | J             |

**5.0 Overall Data Usability**

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

**Data Usability**

| Parameter           | Percent Usability | Rejected Data                                                                     |
|---------------------|-------------------|-----------------------------------------------------------------------------------|
| Inorganics          | 100               | None                                                                              |
| Cyanide and Sulfide | 100               | None                                                                              |
| VOCs                | 100               | None                                                                              |
| SVOCs               | 99.5              | A total of 207 sample results were rejected due to surrogate recovery deviations. |

### Data Usability

| Parameter   | Percent Usability | Rejected Data                                                           |
|-------------|-------------------|-------------------------------------------------------------------------|
| PCBs        | 99.8              | A total of 4 sample results were rejected due to MS recovery deviation. |
| PCDDs/PCDFs | 100               | None                                                                    |

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

#### **5.1 Precision**

Precision measures the reproducibility of measurements under a given set of conditions. Specifically, it is a quantitative measure of the variability of a group of measurements compared to their average value. For this investigation, precision was defined as the RPD between duplicate sample results. The duplicate samples used to evaluate precision included laboratory duplicates, field duplicates, MS/MSD samples, and ICP serial dilution samples. For this analytical program, 0.21% of the data required qualification for laboratory duplicate RPD deviations, 0.12% of the data required qualification MS/MSD RPD deviations, and 0.84% of the data required qualification field duplicate RPD deviations. None of the data required qualification for ICP serial dilution deviations.

#### **5.2 Accuracy**

Accuracy measures the bias in an analytical system or the degree of agreement of a measurement with a known reference value. For this investigation, accuracy was defined as the percent recovery of QA/QC samples that were spiked with a known concentration of an analyte or compound of interest. The QA/QC samples used to evaluate analytical accuracy included instrument calibration, internal standards, Laboratory Control Standards (LCSs), MS/MSD samples, CRDL samples, and surrogate compound recoveries. For this analytical program, 7.0% of the data required qualification for calibration deviations, 0.68% required qualification for CRDL standard recoveries, 0.78% required qualification for surrogate compound standard recoveries, 0.56% required qualification for internal standard recoveries, 0.17% required qualification for LCS recoveries, and 0.18% required qualification for MS/MSD recoveries.

#### **5.3 Representativeness**

Representativeness expresses the degree to which sample data accurately and precisely represents a characteristic of a population, parameter variations at a sampling point, or an environmental condition. Representativeness is a qualitative parameter which is most concerned with the proper design of the sampling program. The representativeness criterion is best satisfied by making certain that sampling locations are selected properly and a sufficient number of samples are collected. This parameter has been addressed by collecting samples at locations specified in Agency-approved work plans and by following the procedures for sample collection/analyses described in the FSP/QAPP. Additionally, the analytical program used procedures that were consistent with USEPA-approved analytical methodology. A QA/QC parameter that is an indicator of the representativeness of a sample is holding time. Holding time criteria are established to maintain the

samples in a state that is representative of the in-situ field conditions before analysis. For this analytical program, 0.16% of the data required qualification for exceeding holding time requirements.

#### **5.4 Comparability**

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

#### **5.5 Completeness**

Completeness is defined as the percentage of measurements that are judged to be valid or usable to meet the prescribed DQOs. The completeness criterion is essentially the same for all data uses -- the generation of a sufficient amount of valid data. The actual completeness of this analytical data set ranged from 99.5 to 100% for individual analytical parameters and had an overall usability of 99.9%, which is greater than the minimum required usability of 90% as specified in the FSP/QAPP.

The rejected sample data for these investigations include sample analyses results for five PCBs for sample location I9-9-32-SB-1 (0 to 1 feet) due to low MS/MSD recoveries. Re-sampling at these locations is not recommended since duplicate analysis of the MS as proven matrix interference and the same analytical performance limitations for the analysis could occur again.

The rejected sample data for these investigations include sample analyses results for 16 SVOCs for sample location I9-9-21-SB-5 (0 to 1 feet), 81 SVOCs for sample location I9-10-8-SB-9 (1 to 3 feet), and 110 SVOCs for sample location I9-9-32-SB-2 (1 to 3 feet) due to low surrogate standard recoveries

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<sup>1</sup> Test Methods for evaluating Solid Waste, SW-846, USEPA, Final Update III, December 1996.