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Transmitted Via Overnight Delivery

October 22, 2008

Richard Fisher
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U.S. Environmental Protection Agency, Region 1
1 Congress Street (HBO)
Boston, MA 02114-2023

**Re: GE-Pittsfield/Housatonic River Site
Silver Lake Area (GECD600)
Revised Conceptual Removal Design/Removal Action Work Plan
for Soils Adjacent to Silver Lake**

Dear Mr. Fisher:

Enclosed for your review is the General Electric Company's (GE's) *Revised Conceptual Removal Design/Removal Action Work Plan for Soils Adjacent to Silver Lake*. This document is submitted in accordance with EPA's conditional approval letter dated September 23, 2008, and supersedes and replaces the previous version of this work plan, submitted in May 2007.

Please contact me if you have any questions about this document.

Sincerely,

Richard W. Gates
Remediation Project Manager

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**General Electric Company
Pittsfield, Massachusetts**

**Revised Conceptual Removal Design/
Removal Action Work Plan for
Soils Adjacent to Silver Lake**

Volume I of III

October 2008

ARCADIS

**Revised Conceptual Removal
Design/Removal Action
Work Plan for Soils Adjacent
to Silver Lake**

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1. Introduction

1.1 General

On October 27, 2000, a Consent Decree (CD) executed in 1999 by the General Electric Company (GE), the United States Environmental Protection Agency (EPA), the Massachusetts Department of Environmental Protection (MDEP), and several other government agencies was entered by the United States District Court for the District of Massachusetts. The CD requires (among other things) the performance of Removal Actions to address polychlorinated biphenyls (PCBs) and other hazardous constituents present in soil, sediment, and groundwater in several Removal Action Areas (RAAs) located in or near Pittsfield, Massachusetts (see Figure 1-1). These RAAs are part of the GE-Pittsfield/Housatonic River Site. For each Removal Action, the CD and accompanying *Statement of Work for Removal Actions Outside the River* (SOW) (Appendix E to the CD) establish Performance Standards that must be achieved, as well as specific work plans and other documents that must be prepared to support the response actions for each RAA. For most of the Removal Actions, these work plans/documents generally include the following: Pre-Design Investigation Work Plan, Pre-Design Investigation Report, Conceptual Removal Design/Removal Action (RD/RA) Work Plan, and Final RD/RA Work Plan (Final Work Plan).

In May 2007, GE submitted a document titled *Conceptual Removal Design/Removal Action Work Plan for Soils Adjacent to Silver Lake* (Conceptual Work Plan) that summarized existing soil sampling data from properties adjacent to Silver Lake within the Silver Lake Area RAA (Silver Lake RAA) and evaluated the need for and scope of remediation actions on a property-specific basis to achieve applicable soil-related Performance Standards for those properties under the CD and SOW. That work plan pertain only to soils; activities relating to the sediments within Silver Lake were addressed in separate submittals to EPA. Following submission of the Conceptual Work Plan, EPA and GE participated in a series of discussions, evaluations and technical meetings related to the evaluations presented in that plan. In some cases, the outcome of these communications resulted in the performance of additional supplemental soil investigations, as well as the submittal of several draft interim technical submittals for EPA's review. Following these communications, EPA issued a conditional approval letter for the Conceptual Work Plan on September 23, 2008, requiring GE to submit a revised Conceptual Work Plan.

This *Revised Conceptual Removal Design/Removal Action Work Plan for Soils Adjacent to Silver Lake* (Revised Conceptual Work Plan) presents updated evaluations and a revised scope of remediation actions to be performed to achieve the applicable soil-related Performance Standards. Like the prior work plan, this Revised Conceptual Work Plan pertains only to the soils at properties adjacent to Silver Lake. In the meantime, GE had submitted a *Conceptual Removal Design/Removal Action Work Plan for Silver Lake*

Sediments (Conceptual Sediments Work Plan) to EPA in July 2008 to address the lake sediments. Activities concerning groundwater at the Silver Lake RAA are being addressed separately as part of the Plant Site 1 Groundwater Management Area (GMA 1) monitoring program.

In addition to the Conceptual Work Plan discussed above, GE has previously submitted the following documents relating to soils at the Silver Lake RAA:

- *Pre-Design Investigation Work Plan for the Silver Lake Removal Action Area* (PDI Work Plan), submitted in January 2003 and conditionally approved by EPA in a letter of February 11, 2003;
- *Pre-Design Investigation Work Plan Addendum for Soils Adjacent to Silver Lake* (PDI Work Plan Addendum), submitted in October 2003 and conditionally approved by EPA in a letter of January 14, 2004 (erroneously dated January 14, 2003);
- *Proposal for Additional Pre-Design Sampling for Soils Adjacent to Silver Lake* (PDI Sampling Proposal), submitted in March 2004 and conditionally approved by EPA in a letter dated March 30, 2004;
- *Interim Pre-Design Investigation Report for Soils Adjacent to Silver Lake* (Interim PDI Report), submitted in September 2004 and conditionally approved by EPA in a letter dated January 18, 2005;
- *Second Interim Pre-Design Investigation Report for Soils Adjacent to Silver Lake* (Second Interim PDI Report), submitted in May 2005 and conditionally approved by EPA in a letter dated August 30, 2005;
- *Third Interim Pre-Design Investigation Report for Soils Adjacent to Silver Lake* (Third Interim PDI Report), submitted in December 2005;
- *Addendum to the Third Interim Pre-Design Investigation Report for Soils Adjacent to Silver Lake* (Third Interim PDI Report Addendum), submitted in April 2006 and conditionally approved (along with the Third Interim PDI Report) by EPA in a letter dated May 11, 2006;
- *Fourth Interim Pre-Design Investigation Report for Soils Adjacent to Silver Lake* (Fourth Interim PDI Report), submitted in September 2006; and

- *Addendum to the Fourth Interim Pre-Design Investigation Report for Soils Adjacent to Silver Lake* (Fourth Interim PDI Report Addendum), submitted in November 2006 and conditionally approved (along with the Fourth Interim PDI Report) by EPA in a letter dated January 5, 2007.

The above-referenced documents include descriptions of the field investigation and sample collection and analysis activities performed during the investigation of bank and non-bank soils that collectively comprise the Silver Lake RAA. This Revised Conceptual Work Plan builds upon the Conceptual Work Plan and includes the results of recent investigations as well as the collective results of prior investigations described in the reports listed above. This document also summarizes the results of revised evaluations concerning the need for and scope of soil-related remediation actions to achieve the applicable Performance Standards for PCBs and other constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents -- benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine (Appendix IX+3). In addition, it includes other updates and revisions based on discussions with EPA and EPA's conditional approval letter.

Following EPA's approval of both this Revised Conceptual Work Plan for soils and the Conceptual Sediments Work Plan submitted in July 2008, GE will prepare and submit a Final RD/RA Work Plan describing the proposed remedial activities for both the sediments and soils.

1.2 Site Description

1.2.1 Silver Lake

Silver Lake is located immediately west of and across Silver Lake Boulevard from the former 30s Complex portion of the GE Plant Area in Pittsfield. The lake is bordered to the north by Silver Lake Boulevard and Fourth Street, to the east by Silver Lake Boulevard, and to the west and south by several commercial and residential properties (see Figures 1-1 and 1-2). Silver Lake has a surface area of approximately 26 acres and a maximum water depth of about 30 feet. It receives stormwater discharges from several municipal stormwater outfalls, a portion of the GE Plant Area now owned by the Pittsfield Economic Development Authority (via National Pollutant Discharge Elimination System [NPDES] permitted outfalls), and adjacent residential and commercial/industrial properties. Figure 1-3 illustrates the approximate locations of the outfalls to the lake as well as other utilities identified by either GE or EPA. Silver Lake discharges to the East Branch of the Housatonic River through a 48-inch-diameter concrete pipe located in the southwest portion of the lake. This pipe conveys surface water from Silver Lake and stormwater runoff from Fenn and East Streets to the Housatonic River. Details related to the lake and associated sediments can be found in the *Pre-Design Investigation Report for Silver Lake Sediments* (BBL, 2004).

1.2.2 Properties within the Silver Lake RAA

1.2.2.1 Definition of the RAA Boundary

The SOW defined the Silver Lake RAA as including the bank areas of properties that surround the lake (except for four residential properties which GE addressed separately under an Administrative Consent Order [ACO] executed by GE and MDEP). The properties or portions of properties that were considered at that time to be within the Silver Lake RAA are shown in Figure 2-25 of the SOW. In accordance with the SOW, GE conducted several rounds of soil sampling for PCBs and/or other Appendix IX+3 constituents in order to characterize the bank soils at the properties and areas adjacent to Silver Lake. As a result of these investigations, GE identified specific properties at which portions of the non-bank area were proposed to be included within the Silver Lake RAA based on the findings of PCBs greater than 2 parts per million (ppm) in such areas. EPA has approved the inclusion of those non-bank areas within this RAA. Additionally, the performance of the pre-design investigations resulted in the inclusion of a portion of Parcel I9-10-11 (which had not previously been considered) within the RAA.

The current boundaries of the Silver Lake RAA are shown on Figure 1-2. These boundaries differ somewhat from those originally presented in the SOW. In certain instances, they also differ slightly from the boundaries presented in the most recent submittals on this RAA, including the Conceptual Work Plan. Prior boundaries were generally based on PCB data; however, certain boundaries were expanded to include small areas where remediation will be necessary to address non-PCB constituents, as well as certain areas based on discussions with EPA. In these cases, the prior, PCB-based boundary line is also shown (as a dashed line) because it limits the area where PCB evaluations have been conducted. It should be also noted that, based on direction from EPA, the portion of Esther Terrace included in the Silver Lake RAA was expanded following the submittal of the Conceptual Work Plan to include more of the portion adjacent to Parcel I9-10-8, as shown on Figure 1-2.

Along the southern and western shores, the Silver Lake RAA includes portions of seven residential properties and ten commercial properties (one of which consists of two commonly owned tax parcels). Note that in previous submittals Parcel I9-9-17 was believed to be a residential property and was represented as such in associated discussions, evaluations, and figures. Since submittal of the Conceptual Work Plan, GE has learned that Parcel I9-9-17 is currently in commercial use; as such, the evaluations presented in this Revised Conceptual Work Plan have been revised to assess this area under the Performance Standards applicable to the bank portion of a commercial property. The remainder of the Silver Lake RAA consists of an unimproved strip of land (considered to be "recreational") along the northern and eastern shores of the lake, which has been divided into five Recreational Areas and also includes one small undeveloped parcel (also

considered as “recreational”) located along Front Street. The specific Silver Lake properties (or portions thereof) for which RD/RA evaluations have been performed are listed in the table below, and their respective locations are shown on Figure 1-2.

TAX PARCEL ID	LOCATION	PROPERTY CLASSIFICATION
I9-9-34	765 East Street	Commercial
I9-9-33	763 East Street	Commercial
I9-9-32	751 East Street	Commercial
I9-9-31	745 East Street	Commercial
I9-9-30	737 East Street	Commercial
I9-9-25	717 East Street	Commercial
I9-9-24	709 East Street	Residential
I9-9-23	East Street	Commercial
I9-9-21& -22 (Commonly Owned)	689 East Street	Commercial
I9-9-19	619 Fenn Street	Residential
I9-9-18	611 Fenn Street	Residential
I9-9-17	607 Fenn Street	Commercial
I9-9-201 ¹	551-1/2 & 579 Fenn Street	Commercial
I9-9-9	3 Capri Terrace	Residential
I9-9-1	15 Esther Terrace	Residential
I9-10-8	Esther Terrace	Residential
I9-10-9	Fourth Street	Recreational
I9-10-11	Fourth Street	Residential
Recreational Areas 1 through 5 ²	Silver Lake Boulevard	Recreational

Notes:

1. Parcel I9-9-201 consists of two former parcels – I9-9-102 and I9-9-101 – which were commonly owned and have been combined.
2. The strip of land on the northern and eastern side of the lake between the lake and Fourth Street/Silver Lake Boulevard, including Parcel I9-10-9, has been classified as recreational, and has been divided into five RD/RA averaging areas (Recreational Areas 1 through 5).

Collectively, the portions of the above-listed properties that comprise the Silver Lake RAA represent approximately 5 acres of land around the perimeter of Silver Lake. Note that four residential properties that also abut the lake (Parcels I9-9-26, I9-9-27, I9-9-28, and I9-9-29) have been excluded from this RAA, because they were previously addressed by GE under its ACO with MDEP.

It should also be noted that, based on a detailed survey performed by GE at the Silver Lake RAA and discussed in the Fourth Interim PDI Report and addendum thereto, certain property boundaries, as reflected in the legal title to certain properties within the Silver Lake RAA, do not match the property configurations presented in the SOW. Specifically, following performance of the site survey, it was determined that the western boundary of Parcel I9-10-8, and the northern and eastern boundaries of the adjacent Parcels I9-10-10 through -15 were in fact shifted slightly from the previously represented locations. As discussed in various pre-design investigation reports, and subsequently approved by EPA, GE has performed RD/RA evaluations pursuant to the CD and SOW for this RAA based on the property configurations shown on Figure 1-2. These configurations reflect current usage and thus are considered appropriate for determining averaging areas for RD/RA evaluation purposes.

1.2.2.2 Description of Properties within Silver Lake RAA

The individual properties and recreational areas comprising the Silver Lake RAA are illustrated in Figures 2-1 through 2-5. These areas are further described below.

The banks of the commercial and residential properties within the Silver Lake RAA largely consist of steep sloped banks that are overgrown in places with scrub brush and dense undergrowth vegetation. The non-bank areas that have been included in the Silver Lake RAA are generally flat or gently sloped towards the lake, and are populated with scrub brush or unmaintained areas of grass and undergrowth. On select parcels, non-bank areas are crossed by fences, or feature sheds or other storage-type structures. In general, both bank and non-bank areas remain largely unimproved, and there are no apparent installations (e.g. docks, landscaping) related to the lake as a natural resource.

As shown on Figures 2-1 through 2-4, Parcels I9-9-1, I9-9-9, I9-9-18, I9-9-19, I9-9-24, I9-10-8, and I9-10-10 are considered residential; and Parcels I9-9-17, I9-9-21 and I9-9-22 (under common ownership), I9-9-23, I9-9-25, I9-9-30, I9-9-31, I9-9-32, I9-9-33, I9-9-34, and I9-9-201 (formerly I9-9-101 and -102) are considered commercial. However, as discussed below, the bank portions of the commercial properties are subject to Performance Standards based on recreational use. Additionally, an undeveloped section of Esther Terrace abutting the lake has been included in the Silver Lake RAA and is located between residential Parcels I9-9-1 and I9-10-8 (Figure 2-4). For the purposes of the evaluations presented herein, Esther Terrace has been divided equally along a north and south axis,

with the portion adjacent to Parcel I9-10-8 evaluated with that parcel and the portion adjacent to the bank on Parcel I9-9-1 evaluated with that area, as shown on Figure 1-2.

As noted above, the Silver Lake RAA also includes a narrow strip of land between the lake and Silver Lake Boulevard/Fourth Street, along the northern and eastern shores of Silver Lake. This strip has been divided, for evaluation purposes, into five recreational areas (Recreational Areas 1 through 5, as shown on Figure 2-5), which are subject to Performance Standards based on recreational use. In general, these recreational areas consist of sparsely vegetated steep banks which are in certain areas covered with rocks, gravel, construction debris, and/or litter and decaying organic matter. Certain portions of the recreational areas include vestiges of former facility infrastructure (e.g., loading docks, sluices), which have been abandoned. Recreational Area 1 (RA-1), located in the northwest portion of the Silver Lake RAA, includes Parcel I9-10-9 as well as the bank soils between Parcel I9-10-8 and the intersection of Fourth Street and Silver Lake Boulevard. The remaining recreational areas (i.e., RA-2, RA-3, RA-4, and RA-5) progress in a clockwise direction around the lake, with RA-5 located in the southeast portion of the Silver Lake RAA adjacent to the eastern border of Parcel I9-9-34 (Figure 2-5).

At the time of the SOW, it was believed that these recreational areas were publicly owned. However, recent information, based on historical research into deed records, indicates that portions of these areas are in private ownership. Specifically, this information indicates that, in addition to the City-owned road easements within each of these areas: (a) RA-1 (including Parcel I9-10-9) is owned by the Pittsfield Industrial Development Company (PIDC) c/o Central Berkshire Chamber of Commerce; (b) RA-2 and a portion of RA-3 are part of land across Silver Lake Boulevard owned by Western Massachusetts Electric Company; and (c) the remaining portion of RA-3, along with RA-4 and RA-5, are part of GE-owned land across Silver Lake Boulevard. Figure 1-4 illustrates GE's current understanding of the ownership of these recreational areas. In this regard, it should be noted that PIDC is no longer in existence, although the Central Berkshire Chamber of Commerce has continued to pay the taxes on the PIDC property.

1.3 Scope and Format of Work Plan

The remainder of this Revised Conceptual Work Plan is presented in five sections. The title and a brief overview of each section are presented below:

Section 2 – Summary of Pre-Design Activities and Available Soil Data, provides a brief summary of the pre-design investigations and other activities conducted by GE related to bank soils within the Silver Lake RAA, including the most recent investigations performed following submittal of the Conceptual Work Plan, and presents the data used to evaluate the need for remediation to address PCBs and other Appendix IX+3 constituents in soil at the various averaging areas.

Section 3 – Summary of PCB and Appendix IX+3 Evaluation Procedures, provides an overview of the applicable PCB and Appendix IX+3 Performance Standards for the various Silver Lake residential, commercial, and recreational averaging areas, and describes the procedures used to evaluate PCBs and other Appendix IX+3 constituents in existing and, where necessary, post-remediation conditions.

Section 4 – PCB and Non-PCB Soil Evaluations, presents the results of the revised PCB and Appendix IX+3 evaluations for each averaging area at the Silver Lake RAA. This section first evaluates the soil data for PCBs and other Appendix IX+3 constituents under existing conditions at each averaging area to determine the need for remediation to achieve the applicable Performance Standards. Where remediation is necessary, the proposed remediation to achieve the Performance Standards (i.e., soil removal/replacement) is then described and depicted on an attached figure. Further, for averaging areas where remediation is necessary to address PCBs and/or other constituents in soil, this section presents revised evaluations of post-remediation conditions for such constituents to demonstrate that the proposed remediation will achieve the applicable Performance Standards.

Section 5 – Preliminary Design Information and Future Design-Related Activities, discusses preliminary design and related information associated with the remediation proposed for the bank and some non-bank soils adjacent to Silver Lake, as well as future design-related activities. It also includes a conceptual discussion of the natural resource restoration/enhancement activities to be implemented on portions of the Silver Lake banks under the CD and SOW.

Section 6 – Schedule, presents GE's proposed schedule for future activities, including submission of the combined Final RD/RA Work Plan for both sediments and soils within the Silver Lake RAA.

The discussions in the sections listed above are supported by tables, figures, and other evaluations either included with the main document text, or presented in several appendices, as described in this Revised Conceptual Work Plan.

2. Summary of Pre-Design Activities and Available Soil Data

2.1 General

Prior to the performance of RD/RA evaluations for a given RAA, the CD and SOW require the characterization of soils within the RAA and the collection of other relevant site information. These activities, collectively referred to as pre-design activities, serve as the basis for the subsequent technical RD/RA submittals. This section provides a brief description of recent supplemental investigative activities performed by GE and EPA since the submittal of the Conceptual Work Plan, as well as a summary of the entire pre-design soil sampling program that has been performed to date by GE, EPA, and others. Such activities have been summarized in multiple documents previously provided to EPA (see list provided in Section 1.1)

In addition, GE has also conducted other pre-design activities to supplement the soil characterization program and to support the evaluations presented herein. These additional activities include the performance of a detailed site survey, including an assessment of paved and unpaved areas, surface elevations and topography, property boundaries and easements, certain utilities (e.g., manholes, catch basins), soil sample locations, and other site features.

2.2 Summary of Recent Investigation Activities

In November 2006, GE had removed certain bank soils within Recreational Area 4 in conjunction with the implementation of a pilot study for the Silver Lake sediments. During the course of those removal activities, an area of stained soil was encountered. As a result, with EPA approval, GE conducted additional sampling in that area in July 2007. The results of this additional sampling were submitted to EPA in a letter report dated December 3, 2007, and have been considered in the revised evaluation of Recreational Area 4. (These activities are discussed further in Section 4.22 (on Recreational Area 4), and as noted there, copies of GE's letter reports on these soil removal activities and the subsequent soil sampling are provided in Appendix G hereto, as Appendices G-1 and G-2, respectively.)

In addition, GE conducted supplemental soil investigations in May and July 2008 in accordance with technical discussions and e-mail communications between EPA and GE following submission of the Conceptual Work Plan. These field investigations were performed by ARCADIS, while analytical services were provided by SGS Environmental Services, Inc. (SGS). All field and analytical activities conducted by GE were performed in accordance with GE's approved *Field Sampling Plan/Quality Assurance Project Plan* (FSP/QAPP) (last updated in March 2007).

The May/July 2008 soil sampling efforts performed by GE involved the collection of 11 samples from nine locations for analysis of certain non-PCB Appendix IX+3 constituents. Analytical results for the samples collected by GE in May/July 2008 are summarized in Table 1. The locations of these recent soil samples, as well as prior soil sample locations utilized in the evaluations presented herein, are shown on Figures 2-1 through 2-5. Soil boring logs associated with the May/July 2008 investigation activities are provided in Appendix A-1.

Analytical laboratory results from the May/July 2008 sampling events have undergone data validation in accordance with Section 7.5 of the FSP/QAPP. The results of this data validation are presented in Appendix A-2. As discussed in Appendix A-2, 100% of the metals data and over 99% of the data on semi-volatile organic compounds (SVOCs) from these sampling events are considered usable. Thus, this data set meets the data quality objectives (DQOs) set forth in the FSP/QAPP.

In addition, following submission of the Conceptual Work Plan and ensuing discussions with GE, EPA performed supplemental soil sampling and analysis activities at select locations. As proposed in an April 8, 2008 memorandum prepared by Weston Solutions, Inc., EPA collected 25 samples from 11 locations for analysis of PCBs and certain non-PCB constituents. Details related to the performance of these activities, as well as the associated analytical results, are included in a May 14, 2008 Weston memorandum, a copy of which is provided in Appendix B.

2.3 Summary of Overall Pre-Design Soil Data

After incorporating the results of the recent investigations discussed above, the overall PCB soil data set for the Silver Lake RAA soils includes analytical results from approximately 930 soil samples. For other Appendix IX+3 constituents, the available data set consists of the results from approximately 300 samples.

The locations of all soil samples used in the evaluations in this Revised Conceptual Work Plan, including the historical, pre-design, and supplemental soil samples, are shown on Figures 2-1 through 2-5. The PCB analytical results for all soil samples used in the PCB evaluations presented in this Revised Conceptual Work Plan are presented in Appendix C. Specifically, the PCB analytical results from GE's pre-design and other recent investigations are presented in Table C-1; the PCB analytical results from EPA's sampling are presented in Table C-2; and the usable PCB analytical results from prior (historical) investigations of this RAA are presented in Table C-3.

Analytical results for the non-PCB Appendix IX+3 constituents used in the evaluations presented in this document are presented in Appendix E. Note that these data tables summarize the analytical results for only those constituents that were detected in one or more samples during the respective investigations, except with respect to dioxin and furan compounds, for which all results are presented, along with total Toxicity Equivalency Quotient (TEQ) concentrations calculated using Toxicity Equivalency Factors (TEFs) published by the World Health Organization in 1998.

3. Summary of PCB and Appendix IX+3 Evaluation Procedures

3.1 General

This section provides a description of the procedures used by GE to determine the need for and scope of remediation actions to achieve the PCB and Appendix IX+3 Performance Standards specified in the SOW for the bank and non-bank averaging areas comprising the Silver Lake RAA. Specifically, this section provides an overview of the PCB Performance Standards and evaluation procedures (Section 3.2), followed by an overview of the Performance Standards and evaluation procedures for other Appendix IX+3 constituents (Section 3.3).

3.2 Summary of PCB Evaluation Procedures

This section summarizes the PCB evaluation procedures for soils adjacent to Silver Lake, including: (1) a description of the applicable PCB-related Performance Standards for this RAA; (2) the current status regarding obtaining Grants of Environmental Restrictions and Easements (EREs) for certain properties located within the Silver Lake RAA; (3) the PCB evaluation procedures for each averaging area; and (4) a summary of the utility corridor PCB evaluation procedures.

3.2.1 PCB-Related Performance Standards

For the Silver Lake RAA, the Performance Standards related to the presence of PCBs in soil are set forth in the CD and Section 2.6.2 of the SOW. The pertinent Performance Standards related to the presence of PCBs in soils adjacent to Silver Lake may be summarized as follows:

Non-Residential Properties

For non-residential properties within the Silver Lake RAA, the Performance Standards identified in the CD and SOW depend on whether an ERE can be obtained for the property/area in question.

The applicable PCB Performance Standards for the bank portion of each separately owned commercial property and for each of the five separate recreational areas are as follows:

- For each such area for which an ERE can be obtained, GE must calculate spatial average PCB concentrations for the 0- to 1-foot and 1- to 3-foot depth increments. If the spatial average PCB concentration exceeds 10 ppm in the top foot or 15 ppm in the 1- to 3-foot depth increment, GE must remove and replace bank soils as necessary to achieve spatial average PCB concentrations at or below those levels in the increments specified.
- For each such bank area for which an ERE cannot be obtained, GE must implement a Conditional Solution. In that case, GE must calculate spatial average PCB concentrations for the 0- to 1-foot and 0- to 3-foot depth increments. If the spatial average PCB concentration exceeds 10 ppm in either of these depth increments, GE must remove and replace bank soils as necessary to achieve spatial average PCB concentrations at or below 10 ppm in those increments.

In addition, in its September 23, 2008 conditional approval letter, EPA directed GE to consider the removal of all soils with PCB concentrations greater than 50 ppm in the top foot of soil at recreational bank areas, although that is not a Performance Standard.

For the non-bank portions of commercial properties, the SOW does not specify particular Performance Standards for the Silver Lake RAA. However, as proposed in the Interim PDI Report and approved by EPA, GE has applied to these areas the Performance Standards for commercial properties in the floodplain areas adjacent to the 1½-Mile Reach of the Housatonic River. These standards require that, for each separately owned property, if an ERE is obtained, GE must achieve spatial average PCB concentrations of 25 ppm in the 0- to 1-foot depth increment (via soil removal in unpaved areas and pavement enhancement or soil removal in paved areas) and 200 ppm in the 1- to 6-foot depth increment, and that if an ERE is not obtained, GE must achieve (via soil removal) spatial average PCB concentrations of 25 ppm in the 0- to 1-foot and 0- to 3-foot depth increments and 200 ppm in the 1- to 6-foot depth increment. In addition, for any non-bank commercial area that exceeds 0.5 acre in size, GE must remove any soil with a PCB concentration above a not-to-exceed (NTE) level of 125 ppm in the top foot of soil in unpaved areas. Further, if the remaining spatial average PCB concentration in the 0- to 15-foot depth increment (or to whatever depth sampling data exist if less than 15 feet) exceeds 100 ppm, GE must install an engineered barrier.

Residential Properties

The PCB Performance Standards for residential areas at the Silver Lake RAA require GE to calculate spatial average PCB concentrations for the 0- to 1-foot and 1- to X-foot depth increments, where X equals the depth at which PCBs have been detected (up to a maximum of 15 feet). If the spatial average PCB concentration in the 0- to 1-foot or 1- to X-foot depth increment exceeds 2 ppm, GE must remove and replace bank soils as

necessary to achieve a spatial average PCB concentration at or below 2 ppm in each of these depth increments. These Performance Standards apply to the bank portion and (if applicable) non-bank portion of each residential property at this RAA. In addition, the SOW allows GE to address any of these residential properties as a whole or as a combination of the bank and non-bank portions included in the Silver Lake RAA, provided that potential exposure to soils within the property is equally likely throughout the area and that adequate soils data exist to support such evaluation. Under this scenario, GE must achieve the same Performance Standards within the overall or combined area. In addition, for any non-bank or combined residential area that exceeds 0.25 acre in size, GE has applied an NTE level of 10 ppm for the top foot of soil in unpaved areas.

In addition, in its September 23, 2008 conditional approval letter, EPA directed GE to consider the removal of all soils with PCB concentrations greater than 10 ppm in the top foot of soil in the bank portion of residential properties or greater than 50 ppm at any depth at residential properties, although these are not Performance Standards.

To facilitate the evaluation of areas under the residential performance standards, GE has assessed the available PCB data on an area-specific basis and developed, for each averaging area, an "X" value (in feet below the ground surface [bgs]) to represent the anticipated depth to be used during PCB evaluations. For each residential evaluation area (whether bank, non-bank, or combined), GE is proposing an "X" depth to be applied across the entire evaluation area, thus simplifying the selection of depths for the RD/RA evaluations. As previously discussed with EPA, for each area, the "X" depth has been selected to include all or the great majority of detected PCB concentrations in the soil. GE's proposed determination of the "X" depth for each evaluation area, along with the supporting rationale, is provided in Table 2. Note that this table includes all residential evaluation areas (even though some of them are not proposed for remediation to address PCBs) as well as select commercial properties that are proposed for evaluation under residential standards, as further discussed in Section 4.

Utility Corridors

The CD and SOW do not contain any Performance Standards for utility corridors at the Silver Lake RAA. For other RAAs covered under the CD, where subsurface utilities potentially subject to future emergency repairs are present, GE is required to determine whether the spatial average PCB concentration in the utility corridor(s) exceeds 200 ppm and, if so, to evaluate whether any additional response actions are necessary. As noted in the Conceptual Work Plan, no such areas were previously identified at the Silver Lake RAA. However, GE's Conceptual Sediments Work Plan did identify some utilities; and EPA's September 23, 2008 conditional approval letter directed GE to perform a utility corridor assessment for those utilities identified in that document, as well as certain utilities identified by EPA in an attachment to its letter, that are potentially subject to emergency repair

requirements. As a result, GE has performed a utility corridor assessment for those utilities potentially subject to emergency repair requirements (e.g., gas lines, municipal water/sewage lines). The results of this assessment and a discussion of utilities and utility corridors are included in Section 4.

3.2.2 Status of EREs

As discussed in Section 1, the Silver Lake RAA encompasses a number of non-residential areas, including portions of 10 commercial properties and an additional five recreational averaging areas (i.e., RA-1 through RA-5). For a number of these properties (discussed below), GE has evaluated the portions within the RAA under the standards applicable to residential properties, and has identified remedial actions to achieve those standards at these portions. These consist of the portions of the following properties within this RAA: Parcels I9-9-23, I9-9-30, and I9-9-31. In this situation, EREs are not necessary for these areas. The current status relating to EREs for the remaining non-residential areas is as follows:

- The owners of Parcels I9-9-32 and I9-9-33 have advised GE that they are willing to execute EREs for these properties. Therefore, these properties have been evaluated under the Performance Standards applicable to properties with EREs.
- The owners of Parcels I9-9-201, I9-9-17, I9-9-21 & -22, I9-9-25, and I9-9-34 have either advised GE that they do not wish to execute EREs or have not responded to GE's letters describing the ERE vs. Conditional Solution options by the dates specified in those letters. In the latter cases, GE's letters stated that if it did not hear from the owners by the specified dates, GE would assume that they are not interested in executed EREs and would proceed to implement Conditional Solutions at their properties. In these circumstances, GE has evaluated each of these properties under the Performance Standards applicable to properties with Conditional Solutions.
- For Recreational Area RA-1, since the record owner, PIDC, no longer exists, GE is currently planning to implement a Conditional Solution for that area. In addition, based on discussions with EPA, GE will implement a Conditional Solution for the road easements owned by the City. However, due to the possibility of changes in ownership of the PIDC property, RA-1 has been evaluated under both sets of Performance Standards – i.e., those applicable to recreational areas with EREs and those applicable to recreational areas with Conditional Solutions.

- For Recreational Area RA-2, the owner, Western Massachusetts Electric Company (WMECo), has advised GE that it does not wish to execute an ERE for this property. In addition, based on discussions with EPA, GE will implement a Conditional Solution for the road easements owned by the City. Accordingly, RA-2 has been evaluated solely under the Performance Standards applicable to recreational areas with Conditional Solutions.
- For Recreational Areas RA-3, RA-4, and RA-5, there will be a mix of EREs and Conditional Solutions. GE will execute EREs for any portions owned by GE. However, for the portion of RA-3 owned by WMECo, which has declined an ERE, a Conditional Solution will be implemented; and based on discussions with EPA, a Conditional Solution will also be implemented for the road easements owned by the City. In these circumstances, RA-3, RA-4, and RA-5 have each been evaluated under both sets of Performance Standards – i.e., those applicable to recreational areas with EREs and those applicable to recreational areas with Conditional Solutions.

3.2.3 Area-Specific PCB Evaluation Procedures

The procedures used to evaluate PCB concentrations in soil in this Revised Conceptual Work Plan were established in Attachment E to the SOW (Protocols for PCB Spatial Averaging). The PCB evaluations presented in this Revised Conceptual Work Plan incorporate the usable PCB data from historical samples, the pre-design soil PCB data, including the data from supplemental soil samples, and the results of the recent sampling conducted by EPA. The locations of the samples used in these evaluations are shown on Figures 2-1 through 2-5, with associated analytical data presented in Appendix C.

The initial task in the PCB evaluation process for the areas included in the Silver Lake RAA was to assess the PCB concentrations in soil under existing conditions. This task involved calculation of a spatial average PCB concentration for each relevant depth increment at each averaging area using the polygon-based spatial averaging techniques described in Attachment E to the SOW. These techniques involve the following steps:

- For each area and depth subject to PCB spatial average calculations, a detailed site plan was first developed to illustrate the following: property/area boundaries; surface topography; soil sampling locations within and adjacent to the area; presence of roadways, utilities, easements, etc.; presence of buildings, pavement, and other permanent structures; and other significant site features. For these PCB evaluations, GE used the RAA boundaries that were established based on the PCB data, prior to any expansions to include small areas designated for remediation to address non-PCB constituents or based on discussions with EPA. An illustration of the RAA boundary for the entire site is included on Figure 1-2. Parcel-specific RAA boundaries are shown on Figures 2-1 through 2-5. Further, in delineating the boundary between the bank and

the sediment, GE used the latest topographic survey (documented in the July 2008 Conceptual Sediments Work Plan) and considered that boundary to be at an elevation of 975.9 feet above mean sea level (AMSL) (except in the area of the scrub-shrub peninsula in Recreation Area RA-3, where the boundary is at an elevation of approximately 978 feet AMSL).

- Next, Thiessen polygon maps were developed for each averaging area and depth interval. Thiessen polygon mapping involves the use of computer software to draw perpendicular bisector lines between adjacent sample locations to create two-dimensional, sample-specific polygon areas. Certain boundary conditions impact the generation of Thiessen polygons, such as the boundaries of the area subject to averaging, presence of paved and unpaved areas, easement boundaries, building footprints, property lines, etc. As appropriate, the computer-generated Thiessen polygons were modified to reflect actual site conditions, presence/absence of soil at a given depth, locations of property ownership lines, or other specific or unique site considerations. Once the Thiessen polygon mapping was complete, all of the soil areas and depths potentially subject to remediation were adequately characterized for use in subsequent evaluations. After generation of the Thiessen polygons, polygon identification numbers were assigned to each polygon and the surface area of each polygon was calculated.
- Computer spreadsheets were then prepared to combine information obtained from the Thiessen polygon mapping (i.e., polygon ID and area for each polygon) with the analytical results of soil sampling to provide a three-dimensional characterization of the soils associated with each polygon. The volume of soil associated with each polygon was based on the surface area of the polygon multiplied by the corresponding depth of soil for which samples were collected. Using the information described above, a spatial average PCB concentration was derived by multiplying the volume of each polygon by its assigned PCB concentration, summing the results of this calculation for each polygon involved in the evaluation, and then dividing that sum by the cumulative soil volume associated with all of the polygons. This procedure yields a spatial average PCB concentration that incorporates both volume- and area-weighted considerations.

The resulting spatial average PCB concentrations were then compared to the applicable PCB Performance Standards specified in Section 3.2.1 above to determine whether soil remediation is necessary to address PCBs under the CD and SOW. In addition, for averaging areas to which the PCB NTE levels specified above apply (i.e., residential non-bank areas exceeding 0.25 acre or commercial non-bank areas exceeding 0.5 acre), the discrete PCB concentrations in the top one foot of soil in unpaved portions were compared to the applicable NTE level to determine if additional remediation is needed to address any exceedances of those levels.

For areas where there were exceedances of the applicable Performance Standards, a remediation proposal was developed. For the Silver Lake RAA, all proposed remediation activities consist of soil removal/replacement. For such areas, an evaluation was then conducted to confirm that the proposed soil removal/replacement would achieve the applicable PCB Performance Standards. In accordance with the procedures for post-remediation evaluations in Attachment E to the SOW, this evaluation consisted of the following steps: First, the spatial averaging procedures described above were used to assess the PCB concentrations at each averaging area in its post-remediation condition by: (1) assuming the removal of soils within the subject polygon to the required depth; (2) assuming that the excavated soils are replaced with backfill material that contains PCBs at an assumed concentration of 0.021 ppm, the average concentration of PCBs in sampled backfill sources, as indicated in Table 2 of GE's *Proposed Backfill Data Set for CD Sites* (March 11, 2003); and (3) recalculating the post-remediation spatial average PCB concentration(s). The post-remediation spatial average PCB concentrations were then compared to the applicable Performance Standards to ensure that the proposed remediation will achieve such Performance Standards.

In addition, in response to EPA's request, any discrete samples that had PCB concentrations greater than 10 ppm in the top foot at residential bank areas, greater than 50 ppm at any depth at residential properties, or greater than 50 ppm in the top foot at recreational areas, and that would not be addressed by the proposed soil removals to achieve the Performance Standards, were identified and considered for removal. GE did not identify any samples with PCB concentrations greater than 10 ppm in the top foot at residential bank areas that would remain after the proposed soil removals. GE identified one sample at depth on a residential property with a PCB concentration greater than 50 ppm that would not be addressed by the proposed removals to achieve the PCB and non-PCB Performance Standards; that sample is on Parcel I9-10-8. GE also identified two samples from the top foot of soil at recreational areas with PCBs greater than 50 ppm that would not be addressed by the other proposed removals; these samples are located on Recreational Areas RA-3 and RA-4. GE considered the removal of these samples, based on constructability and related factors, taking into account the bank soil removals associated with the sediment cap design set forth in the July 2008 Conceptual Sediments Work Plan. As discussed in the specific evaluation sections addressing these areas, GE has not at this time identified any constructability or related factors that would warrant removal of these samples. However, since (as noted below) the extent of bank soil removals cannot be finalized until design activities combining the soil removals and sediment cap have been completed, this evaluation will be reconsidered in the combined Final RD/RA Work Plan for sediments and soils.

The soil remediation proposals developed and shown in this Revised Conceptual Work Plan do not take account of the remediation that will be implemented to address the sediments in Silver Lake, including the bank soil removals to support installation of the cap and associated armor stone to be placed around the lake. Nor do they consider potential additional removal/fill activities related to implementing natural resource restoration/enhancement projects or constructability considerations. Such activities along the banks may reduce or otherwise affect the extent of soil removal to meet the soil-related Performance Standards, as described in this Revised Conceptual Work Plan. In these circumstances, as noted in Section 5 below, the final soil remediation plans will take into account and be coordinated with the sediment remediation plans and any other coincident activities, and will be presented in the combined Final RD/RA Work Plan for sediments and soils.

The PCB evaluation results are summarized on an area-by-area basis in Section 4, with supporting documentation provided in Appendix D (evaluation tables and polygon figures).

3.3 Summary of Appendix IX+3 Constituent Evaluation Procedures

This section describes the procedures used to evaluate non-PCB Appendix IX+3 constituents in soil. As with PCBs, the other Appendix IX+3 constituents have been evaluated first for each averaging area in its existing condition; and then, for each such area where the applicable Performance Standards are not met, remediation is proposed and post-remediation conditions are evaluated to ensure achievement of the Performance Standards. This section includes an overview of the applicable Performance Standards, an overview of the evaluation process used to assess achievement of those standards, and a more detailed description of some of the specific evaluation procedures used. The latter include: application of screening criteria; the procedures used to assess dioxins/furans; comparisons to Method 1 soil standards specified in the Massachusetts Contingency Plan (MCP); procedures used for area-specific risk evaluations (where necessary); and procedures used to take account of the proposed remediation (where necessary). The evaluation results are summarized on an area-by-area basis in Section 4, with supporting documentation provided in Appendix E (data summary and evaluation tables) and Appendix F (risk evaluations).

3.3.1 Applicable Performance Standards

The applicable Performance Standards for non-PCB Appendix IX+3 constituents in soils adjacent to Silver Lake are included in Section 2.6.2 of the SOW. These standards include the following:

- For dioxins and furans, total TEQ concentrations must be calculated using TEFs published by the World Health Organization in 1998 (van den Berg J. et al., *Environ. Health Perspectives*, Vol. 106, No. 12, Dec. 1998). Either the maximum TEQ concentration or the 95% percent upper confidence limit on the mean (95% UCL) of the TEQ data must be below certain Preliminary Remediation Goals (PRGs) developed or approved by EPA for dioxin/furan TEQs. These PRGs are: for areas evaluated as commercial, 5 parts per billion (ppb) in the top foot of soil and 20 ppb in subsurface soil; for areas evaluated as recreational, 1 ppb in the top foot and 1.5 ppb in the 1- to 3-foot depth interval, and for areas evaluated as residential, 1 ppb. In addition, at EPA's request, GE agreed to compare the maximum or 95% UCL TEQ concentrations to certain additional TEQ criteria, although these are not Performance Standards specified in the CD or SOW. These criteria include 5 ppb for the 0- to 3-foot depth increment at commercial areas that will not have EREs and 1 ppb for the 0- to 3-foot depth increment at recreational areas that will not have EREs. (For convenience, these additional criteria are considered PRGs in this Revised Conceptual Work Plan.)
- For other non-PCB constituents, any combination of the following must be achieved: (1) maximum concentrations of individual constituents that do not exceed the Screening PRGs established or approved by EPA (as discussed below); and (2) for the remaining constituents, average concentrations that either: (a) do not exceed the MCP Method 1 soil standards (or Method 2 standards, if developed) (except for sulfide, for which a special procedure has been agreed upon, as discussed below); or (b) are shown through an area-specific risk evaluation to have cumulative risk levels that do not exceed (after rounding) an excess lifetime cancer risk of 1×10^{-5} and a non-cancer Hazard Index of 1.

3.3.2 Overview of Evaluation Process

The initial task performed in the evaluation of the non-PCB constituents in soils adjacent to Silver Lake was to assess such constituents in soil at each averaging area under existing conditions, based on all available Appendix IX+3 data collected from that area, without considering any anticipated PCB-related remediation. This assessment consisted of several steps, consistent with Attachment F to the SOW (Protocols for the Evaluation of Non-PCB Constituents in Soil):

- First, a screening step was conducted, which generally involved comparison of the maximum concentrations of all detected constituents (other than dioxin/furan TEQs) to PRGs developed by EPA Region 9 (as set forth in Exhibit F-1 to Attachment F of the SOW) or certain surrogate PRGs previously approved by EPA. This screening step is discussed further in Section 3.3.3.

- Second, for dioxin/furan TEQs, the maximum concentration at each area and relevant depth increment was compared to the applicable dioxin/furan PRG described above. This step is discussed further in Section 3.3.4.
- Third, for those constituents (other than dioxin/furan TEQs) that were not screened out in Step 1, the existing average concentrations of each such constituent were calculated for the relevant depth increments. These average concentrations were then compared to the MCP Method 1 soil standards for such constituents. (As discussed further below, average concentrations of sulfide and copper were compared to derived Method 2 soil standards.) This step is discussed further in Section 3.3.5 below.
- Fourth, for averaging areas where there were exceedances of the Method 1 soil standards in any depth increment but such exceedances were not significantly above the Method 1 soil standards, an area-specific risk evaluation was conducted for the same constituents evaluated in Step 3 and in accordance with the procedures specified for such evaluations in the SOW. This step is discussed further in Section 3.3.6.

In accordance with Attachment F to the SOW, these comparisons and evaluations of non-PCB constituents, following the initial screening step, were made for the same depth increments used for the PCB evaluations. It should be noted that limited non-PCB sampling data exist at four residential areas (Parcels I9-9-1, I9-9-18, I9-9-19, and I9-10-11) at depths below the proposed “X” depth associated with the PCB evaluations. These data are included in the data summary tables in Appendix E for each of these areas and have been considered in the initial screening step discussed above. However, consistent with Attachment F to the SOW, these data are not included in the subsequent evaluation tables involving comparisons to the dioxin/furan PRGs and MCP Method 1 soil standards (except for data from samples that straddle the “X” depth). In all such cases, this was a conservative approach because the constituent concentrations in the non-PCB samples collected from below the “X” depth (apart from the “straddle” samples) were lower than the applicable dioxin/furan PRG or Method 1 soil standards and thus could not have caused an exceedance of those criteria. These instances are identified in notes in the pertinent Appendix IX+3 data summary tables in Appendix E.

At averaging areas where these evaluations indicated the need for additional remediation to address non-PCB constituents in soil, a remediation proposal was developed. Such areas generally consist of those areas with exceedances of the dioxin/furan TEQ PRGs or with significant exceedances of the Method 1 soil standards such that an area-specific risk evaluation of existing conditions was not deemed warranted. As with the PCB-related remediation, the additional remediation at these areas involved soil removal/replacement. For such areas, an evaluation was then conducted of post-remediation conditions. This evaluation consisted of repeating Steps 2 through 4 of the above-described process, as necessary, to demonstrate that the proposed remediation will achieve the applicable

Performance Standards for non-PCB constituents. The specific procedures used to take account of the proposed soil removal/replacement in these post-remediation evaluations are discussed further in Section 3.3.7 below.

3.3.3 Screening Evaluation Procedures

As noted above, the first step in the evaluation of non-PCB Appendix IX+3 constituents in soil under existing conditions at the Silver Lake averaging areas was the performance of a screening evaluation. In this step, the maximum concentrations of all detected constituents (other than dioxins/furans) were compared to the EPA Region 9 PRGs set forth in Exhibit F-1 to Attachment F of the SOW, using industrial PRGs for commercial areas and residential PRGs for residential and recreational areas. However, for certain constituents, EPA Region 9 PRGs are not available. For some of these constituents, the SOW identifies surrogate PRGs that may be used for screening purposes. Specifically, in accordance with the SOW, for polycyclic aromatic hydrocarbons (PAHs) for which EPA Region 9 PRGs do not exist, the EPA Region 9 PRG for benzo(a)pyrene was used for carcinogenic PAHs and the EPA Region 9 PRG for naphthalene was used for non-carcinogenic PAHs. In addition, for certain other constituents that do not have EPA Region 9 PRGs, this screening step used the PRGs for several surrogate compounds which have previously been approved by EPA for use at other RAAs. The Region 9 PRGs and surrogate PRGs used in this step are jointly referred to herein as the "Screening PRGs."

3.3.4 Dioxin/Furan Evaluation Procedures

For each dioxin/furan sample, a total TEQ concentration was calculated using the 1998 WHO TEFs. In making these calculations, the concentrations of the individual dioxin/furan compounds that were not detected in a given sample were represented as one-half the analytical detection limit for such compounds. Then, for each averaging area and relevant depth increment, the maximum TEQ concentration was compared to the applicable PRG for that type of area and depth, as specified in Section 3.3.1 above. (For this RAA, 95% UCLs were not calculated for the TEQ data.) If the maximum TEQ concentrations at each averaging area are less than the applicable PRGs, it was concluded that no further response actions are necessary to address dioxin/furan TEQs.

3.3.5 Comparisons to MCP Method 1 Soil Standards

For each constituent (other than dioxins/furans) that was not eliminated in the screening step, an average concentration was calculated for the averaging area and depth increment in question and compared to the applicable MCP Method 1 soil standard (category S-1, S-2, or S-3). In calculating these average concentrations, non-detect sample results were represented as one-half the analytical detection limit. In calculating average concentrations in cases where delineation samples were collected to determine the extent of removal for a

given non-PCB constituent and those samples are close to the original sample, these sample results were first averaged together to create a composite sample result, and then that composite sample result was averaged together with the other sample results for that constituent in the given averaging area and depth increment. This procedure was followed, in accordance with a prior agreement with EPA, to avoid skewing the average by the inclusion of several samples collected close together without accounting for the spatial distribution of such samples. However, this procedure was not used to eliminate the need for remediation to address the original sample that was subject to delineation.

To determine which set of Method 1 soil standards (i.e., S-1, S-2, or S-3) to use in these comparisons, an assessment was made based on the relevant MCP criteria. In general, these criteria require consideration of the property type, accessibility of the soils (relative to their depth and presence of pavement and buildings), potential uses of the area(s) by adults and children, and the relative frequency and intensity of such use (see 310 CMR 40.0933). The Silver Lake RAA includes commercial, recreational, and residential areas. A summary of the Method 1 soil standards selected for each type of area is presented below.

- For commercial areas, it was assumed that: (1) children are generally not present; (2) adult workers in the commercial operations would have a high frequency of use (based on the potential for such individuals to be present for 8 hours or more per day on a continuing basis), but would have low intensity of use since such individuals would typically not be engaged in activities that would disturb the soil; and (3) if groundskeepers are present, they could have a high intensity of use but would have a low frequency since they would not be expected to engage in groundskeeping activities for full days on a continuing basis. Based on these considerations, the Method 1 S-2 soil standards were selected to apply to surface soils within the upper 3 feet of the area – i.e., the 0- to 1-foot and the 0- to 3-foot depth increments. The category S-3 standards were determined to apply to subsurface soils, which include the 1- to 6-foot and the 0- to 15-foot depth increments. These are the standard categories that were approved by EPA for application to these depth increments at commercial properties at the Former Oxbow Areas.
- For recreational areas, it was conservatively assumed that both child and adult use could occur, and that the potential frequency and intensity of such use could be “high” for soils in the top 3 feet. As a result, the Method 1 S-1 soil standards were selected to apply to all relevant depth increments at these areas – i.e., the 0- to 1-foot and 1- to 3-foot or 0- to 3-foot depth increments (as applicable).
- For residential areas, the SOW provides for the use of Method 1 S-1 soil standards. Therefore for the 0- to 1-foot depth increment and for the 1- to X-foot increment (where X is the depth to which PCBs were detected, down to 15 feet), the average concentration in each depth increment was compared to Method 1 S-1 standards.

It should also be noted that the numerical values of the Method 1 soil standards can vary depending on the applicable MCP groundwater classification. For the Silver Lake RAA, two MCP groundwater classifications apply, depending on the specific location within the RAA: GW-2 groundwater is groundwater located within 15 feet of the ground surface and within 30 feet of occupied structures, while GW-3 groundwater applies to all areas within the RAA. For nearly all the constituents that were subject to this phase of the Appendix IX+3 evaluations at the Silver Lake RAA, the Method 1 soil standards for a given soil category are the same regardless of whether the groundwater is classified as GW-2 or GW-3. However, where there are differences, the more stringent soil standards were used.

A few constituents that were retained after the screening steps at one or more areas do not have MCP Method 1 soil standards. For two such constituents – sulfide and copper – GE has previously derived MCP Method 2 S-1 soil standards, which have been approved by EPA. For sulfide, the Method 2 standard was based on data for carbon disulfide (as a surrogate) and was presented in a memorandum to EPA and MDEP dated April 4, 2006; it is 633 ppm. For copper, the Method 2 standard was originally derived for the four residential properties at the Silver Lake RAA that were previously evaluated and remediated under the ACO with MDEP, and has been approved by EPA at other RAAs under the CD; it is 770 ppm. These Method 2 standards were used in lieu of Method 1 standards in the evaluations of all types of areas at the Silver Lake RAA where those constituents were retained; these Method 2 standards are (for convenience) included in the term “Method 1 standards” in the subsequent discussions of the non-PCB evaluations in this Revised Conceptual Work Plan.

Finally, as also documented in GE’s April 4, 2006 memorandum and discussed in the Addendum to the Third Interim PDI Report, GE, EPA, and MDEP have reached an additional agreement relating to sulfide. Under that agreement, if sulfide is retained after the initial screening step (which uses the Region 9 PRG for carbon disulfide as a surrogate) and is the only retained constituent at a given area with a concentration in excess of the applicable standard (either under existing conditions or after remediation to address certain constituents), no further evaluations related to sulfide or soil remediation to address sulfide are necessary, and GE will conclude that acceptable conditions exist. These situations are identified in the area-specific non-PCB evaluations in Section 4.

3.3.6 Area-Specific Risk Evaluations

For a number of commercial and recreational averaging areas at which the MCP Method 1 soil standards were exceeded for one or more non-PCB Appendix IX+3 constituents (other than dioxins/furans) in one or more of the relevant depth increments, area-specific risk evaluations were performed for these constituents. Such area-specific risk-evaluations have been performed for one commercial non-bank area, the bank portions of two commercial properties (evaluated as recreational), and two designated recreational areas

on the northern side of the lake. For two of these areas (where the exceedances of the Method 1 soil standards were not substantial), the risk evaluations were performed for existing conditions, while the three remaining areas were evaluated under post-remediation conditions.

In accordance with the procedures specified in the SOW for area-specific risk evaluations, these area-specific risk evaluations were performed for all constituents that were retained for evaluation prior to the comparison to MCP Method 1 soil standards, and were based on the same average concentrations of those constituents that were used in the comparisons to Method 1 standards. These evaluations were based on the same exposure scenarios that were used in developing the applicable PCB Performance Standards, as set forth in EPA's PCB risk evaluation in Attachment A to Appendix D to the CD, plus, at EPA's direction in its September 23, 2008 conditional approval letter, use of a Construction Worker scenario for the 0- to 15-foot depth at the non-bank portion of a commercial property. Specifically, for the commercial non-bank area, the evaluations applied the Commercial Groundskeeper scenario for the 0- to 1-foot and 0- to 3-foot depth increments, the Utility Worker scenario for the 1- to 6-foot depth increment, and the Construction Worker scenario for the 0- to 15-foot depth increment. For the areas evaluated as recreational (i.e., recreational areas and the bank portions of commercial properties), the Child Recreational User scenario was applied to the 0- to 1-foot, 1- to 3-foot, and 0- to 3-foot depth increments (as applicable).

In addition, the risk evaluations that were performed used the same exposure assumptions and parameter values that were used by EPA in Attachment A to Appendix D to the CD for developing the PCB Performance Standards for the same scenarios, except that: (a) for chemical-specific parameters (i.e., oral and dermal absorption factors), the evaluations used values recommended by EPA or MDEP; and (b) for the Construction Worker scenario, the evaluations used (at EPA's direction) the assumptions used in the risk evaluation presented in GE's March 27, 2007 Supplemental Sampling Report/Remedial Action Plan for the Dalton Avenue Site. The evaluations also used standard EPA cancer and non-cancer toxicity values – i.e., Cancer Slope Factors (CSFs) and non-cancer Reference Doses (RfDs) – as set forth on EPA's Integrated Risk Information System (IRIS) (or, where such values are not available on IRIS, values taken from other EPA or MDEP sources), together with EPA's recommended Relative Potency Factors (RPFs) for carcinogenic PAHs.

Based on these inputs, the risk evaluations calculated a cumulative Excess Lifetime Cancer Risk (ELCR) for the retained carcinogenic constituents and a Hazard Index (HI) for the retained constituents with non-cancer RfDs. The resulting ELCRs and HIs were then compared (after rounding) with the benchmarks set forth in the SOW of 1×10^{-5} for cancer risks and a HI of 1 for non-cancer impacts.

For averaging areas where lead was retained (which include two areas evaluated as recreational), a different procedure had to be used since there are no EPA-prescribed toxicity values for lead. In accordance with EPA guidance, lead was evaluated through the use of a conservative model developed by EPA, the Integrated Exposure Uptake Biokinetic Model (IEUBK), which allows one to calculate blood lead levels in children who have been exposed to lead and then to compare the resulting levels with a “safe” blood lead level established by EPA. This model was used to back-calculate a risk-based concentration (RBC) of 1,313 ppm for lead in soil for use in evaluating the Child Recreator Scenario at recreational areas. (This RBC was previously approved by EPA for use at other RAAs at this Site.) The average lead concentrations in each relevant depth increment at the areas evaluated were then compared to this RBC.

The area-specific risk evaluations performed for Silver Lake RAA averaging areas are described and the results presented in Appendix F to this Revised Conceptual Work Plan. The results are summarized, where applicable, in the area-specific evaluations presented in Section 4.

3.3.7 Post-Remediation Evaluations

For the averaging areas where the evaluations of non-PCB constituents under existing conditions indicated the need for remediation to address such constituents, such remediation has been proposed and evaluations were then conducted for the constituents under anticipated post-remediation conditions to demonstrate that the proposed remediation will achieve the Performance Standards for the non-PCB constituents. These post-remediation evaluations followed the same procedures described above for comparisons of dioxin/furan TEQs to the applicable PRGs, comparisons to the Method 1 soil standards, and (where necessary) area-specific risk evaluations.

The specific remediation actions proposed to achieve the non-PCB Performance Standards consist of soil removal/replacement. Soil removal actions were taken into account in the post-remediation evaluation in a similar way to the way in which they were considered for PCBs. Specifically, sample results from soil that is proposed for removal to address non-PCB constituents were eliminated from consideration, and it was assumed that such soil will be replaced with an equal volume of clean soil containing the concentrations of organic and inorganic constituents listed in Table 2 of GE's *Proposed Backfill Data Set for CD Sites* (March 11, 2003). However, where removal is proposed to address non-PCB constituents in a given depth increment, the post-remediation evaluations for depth intervals that do not include that increment were based on existing conditions to be conservative. For example, if soil removal is proposed to address a sample collected from the 1- to 3-foot depth increment, the post-remediation evaluation for the 0- to 1-foot depth increment at that area did not incorporate that soil removal, even though the removal will in fact remove some of the soil from the top foot. Rather, the post-remediation evaluation for the 0- to 1-foot depth

increment was based on existing conditions and only the post-remediation evaluations for the depth intervals that include the 1- to 3-foot depth increment took account of the soil removal.

4. PCB and Non-PCB Soil Evaluations

4.1 General

This section presents the results of the area-specific PCB and Appendix IX+3 evaluations which were performed for the identified averaging areas within the Silver Lake RAA in accordance with the evaluation procedures summarized in Section 3 of this Revised Conceptual Work Plan.

In this section, the following information is presented for each of the averaging areas located within the Silver Lake RAA:

- Description of area and identification of applicable Performance Standards;
- Evaluation of existing conditions with respect to PCBs and discussion of the need for remediation to address PCBs;
- Evaluation of existing conditions with respect to other Appendix IX+3 constituents and discussion of the need for remediation to address these constituents;
- Description of proposed remediation actions (shown on Figures 4-1 through 4-5 and summarized on Figure 4-6);
- Evaluation of post-remediation conditions with respect to PCBs; and
- Evaluation of post-remediation conditions with respect to other Appendix IX+3 constituents, if required.

Following the discussion of above-referenced area-specific evaluations, this section presents an overall summary of the soil remediation actions proposed for the Silver Lake RAA, including estimated soil removal volumes. As noted above, in this Revised Conceptual Work Plan, GE considered the boundary between the bank and the sediment to be at an elevation of 975.9 feet AMSL (except in the area of the scrub-shrub peninsula, where the boundary is at an approximate elevation of 978 feet AMSL). The proposed soil remediation and estimated soil removal volumes described herein did not take into account any bank soil removals that will be implemented as part of the sediment remediation for Silver Lake, which may affect the extent and volume of soil-related removals.

In support of the evaluations presented in this section, GE has prepared backup documentation for these evaluations. Specifically, the spatial averaging tables and Theissen polygon maps developed in support of the area-specific PCB evaluations are presented in Appendix D. The evaluation tables developed in support of the Appendix IX+3 evaluations summarized herein are presented in Appendix E, along with figures showing the extent of the soil removals that are driven solely by non-PCB constituents. Finally, the area-specific risk evaluations are presented in Appendix F.

As discussed in the following sections, although not required by the CD or SOW, GE has elected to evaluate a number of the bank and/or non-bank portions of commercial properties at this RAA under the Performance Standards that would be applicable to residential properties, and to achieve those standards. This approach will avoid the need to obtain EREs or to implement Conditional Solutions at these areas. These instances are identified in the following sections where relevant

4.2 Evaluations for Parcel I9-9-1 (Residential Bank Area)

As shown on Figure 1-2, Parcel I9-9-1 is a residential property bordered to the east by Parcel I9-9-9, to the south by Parcel I9-9-2, to the west by Esther Terrace, and to the north by Silver Lake. The boundary of the Silver Lake RAA does not extend beyond the bank portion of Parcel I9-9-1, though it does extend beyond the western border of the parcel to the midpoint of the bank area of Esther Terrace. The applicable Performance Standards for this area require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 2 ppm in the top foot and in the 1- to X-foot depth increment (with X determined as described above).

4.2.1 PCB Evaluation – Existing Conditions

The PCB evaluation process for the bank portion of Parcel I9-9-1 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to determine an X-depth and calculate average PCB concentrations for each of the depth increments specified in Section 4.2 above. In this case, as shown in Table 2, GE is proposing an X-depth of 8 feet, and therefore the evaluation was conducted for the 0- to 1-foot and 1- to 8-foot depth increments. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standard:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-1	47.60	2
1 – 8'	D-2	12.98	2

As indicated in the preceding table, the existing average PCB concentrations exceed the corresponding Performance Standard in both depth increments. As a result, remediation is required to achieve that standard.

4.2.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the bank portion of Parcel I9-9-1 are presented in Table E-1. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.2.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Revised Conceptual Work Plan, the maximum concentrations of all detected constituents (other than dioxins/furans) were compared to their corresponding Screening PRGs. Table E-2 identifies the detected constituents and provides a comparison of the maximum detected concentration of each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Dibenzo(a,h)anthracene
- Arsenic
- Lead
- Sulfide
- Thallium

These constituents were retained for further evaluation. In addition, since there are no such screening criteria for dioxin/furan TEQs, these constituents were also retained for further evaluation.

4.2.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRG.

Tables E-3 and E-4 present the evaluations of retained constituents for the 0- to 1-foot and 1- to 8-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRG. However, existing concentrations of lead and/or arsenic are (or were prior to delineation sampling) greater than the applicable Method 1 soil standards in the 0- to 1-foot and 1- to 8-foot depth increments. In this situation, GE is proposing to remove soil in the vicinity of sample locations I9-9-1-SB-5, I9-9-1-SB-5S, I9-9-1-SB-6, I9-9-1-SB-6S, and I9-9-1-SB-6SS on this parcel, as well as delineation samples I9-9-1-SB-5N, I9-9-1-SB-5N-SW on adjacent Parcel I9-10-8, to address elevated levels of lead and/or arsenic.

4.2.3 Proposed Remediation

Based on the evaluations presented above, GE is proposing to conduct soil removal/replacement activities at Parcel I9-9-1 to the limits shown on Figure 4-4. This remediation will involve the excavation of approximately 1,015 cubic yards of soil. It should be noted that while PCBs were detected to a depth of 8 feet and therefore the X-depth for the bank portion of Parcel I9-9-1 is 8 feet (as discussed in Section 4.2.1 above), elevated levels of lead and arsenic in the 7- to 9-foot depth increment necessitate soil removal/replacement activities to a depth of 9 feet at this parcel. Performance of these activities will result in the achievement of the applicable Performance Standards, as demonstrated in Sections 4.2.4 and 4.2.5, respectively.

4.2.4 PCB Evaluation – Post-Remediation Conditions

The proposed remediation shown on Figure 4-4 will result in the achievement of the PCB Performance Standard for the relevant depth increments, as indicated in the following table.

Depth Increment	Appendix D Table Reference	Post Remediation Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-3	0.02	2
1 - 8'	D-4	0.59	2

4.2.5 Appendix IX+3 Evaluation – Post-Remediation Conditions

To address non-PCB constituents, GE will remove certain soils associated with the 0- to 1-foot samples at locations I9-9-1-SB-5 (on this parcel) and I9-9-1-SB-5N-SW (on adjacent Parcel I9-10-8), and certain soils associated with the 1- to 3-foot, 3- to 5-foot, 5- to 7-foot, and 7- to 9-foot samples at some or all of locations I9-9-1-SB-5, I9-9-1-SB-5S, I9-9-1-SB-6, I9-9-1-SB-6S, and I9-9-1-SB-6SS on this parcel as well as I9-9-1-SB-5N on adjacent Parcel I9-10-8. Tables E-5 and E-6 present the post-remediation evaluations of non-PCB

constituents in the 0- to 1-foot depth and greater than 1-foot depth increments. As shown in these tables, post-remediation concentrations of all such constituents will be below the applicable PRG or Method 1 soil standards (except for sulfide in the greater than 1-foot depth increment, for which additional remediation is not required per agreement with EPA and MDEP, as discussed in Section 3.3.5). Thus, the remediation proposed for the bank portion of Parcel I9-9-1 will achieve the applicable Performance Standards for this area.

4.3 Evaluations for Parcel I9-9-9 (Residential Bank and Non-Bank Areas)

As shown on Figure 1-2, Parcel I9-9-9 is a residential property bordered to the east by Parcel I9-9-201, to the south by Parcel I9-9-10, to the west by Parcel I9-9-1, and to the north by Silver Lake. The boundary of the Silver Lake RAA extends beyond the bank portion of this parcel to also include a portion of non-bank area to the south of the bank portion of the parcel. The bank and non-bank portions of Parcel I9-9-9 are evaluated separately below. The applicable Performance Standards for both areas require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 2 ppm in the top foot and in the 1- to X-foot depth increment (with X determined as described above). Since the non-bank area is not greater than 0.25 acre in size, the PCB NTE criterion of 10 ppm in the top foot of soil is not applicable.

4.3.1 Parcel I9-9-9 (Bank Soils)

4.3.1.1 PCB Evaluation – Existing Conditions

The PCB evaluation process for the bank soils of Parcel I9-9-9 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to determine an X-depth and calculate average PCB concentrations for each of the depth increments specified in Section 4.3 above. In this case, as shown in Table 2, GE is proposing an X-depth of 9 feet, and therefore the evaluation was conducted for the 0- to 1-foot and 1- to 9-foot depth increments. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standard:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-5	28.35	2
1 – 9'	D-6	12.28	2

As indicated in the preceding table, the existing average PCB concentrations exceed the Performance Standard in both the 0- to 1-foot and 1- to 9-foot depth increments. As a result, remediation is required to achieve that standard.

4.3.1.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the bank portion of Parcel I9-9-9 are presented in Table E-7. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.3.1.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Revised Conceptual Work Plan, the maximum concentrations of all detected constituents (other than dioxins/furans) were compared to their Screening PRGs. Table E-8 identifies the detected constituents and provides a comparison of the maximum detected concentration of each of those constituents to the applicable Screening PRG. As shown in Table E-8, the following remaining constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(k)fluoranthene
- Dibenzo(a,h)anthracene
- Indeno(1,2,3-cd)pyrene
- Arsenic
- Lead
- Sulfide

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.3.1.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRG.

Tables E-9 and E-10 present the evaluations of retained constituents for the 0- to 1-foot and 1- to 9-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRG. However, certain other constituents have (or had prior to delineation sampling) existing average concentrations greater than the applicable Method 1 soil standards in the 1- to 9-foot depth increment. In this situation, GE is proposing to remove soil in the vicinity of sample location I9-9-9-SB-2/BH001031 due to elevated levels of lead and PAHs, and in the vicinity of sample locations I9-9-9-SB-3 and I9-9-9-SB-3S, as well as delineation sample I9-9-9-SB-2S on the non-bank portion of the property, due to elevated levels of lead.

4.3.1.3 Proposed Remediation

Based on the evaluations presented above, GE is proposing to conduct soil removal/replacement activities at the bank portion of Parcel I9-9-9 to the limits shown on Figure 4-4. This remediation will involve the excavation of approximately 510 cubic yards of soil. Performance of these activities will result in the achievement of the applicable Performance Standards, as demonstrated in Sections 4.3.1.4 and 4.3.1.5, respectively.

4.3.1.4 PCB Evaluation – Post-Remediation Conditions

The proposed remediation shown on Figure 4-4 will result in the achievement of the PCB Performance Standards for the relevant depth increments, as indicated in the following table.

Depth Increment	Appendix D Table Reference	Post Remediation Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-7	0.02	2
1 - 9'	D-8	0.19	2

4.3.1.5 Appendix IX+3 Evaluation – Post-Remediation Conditions

As indicated above, GE will remove soils associated with the 1- to 3-foot samples at locations I9-9-9-SB-3 and I9-9-9-SB-3S due to elevated lead concentrations, and soils associated with the 7- to 9-foot samples at locations I9-9-9-SB-2/BH001031 (on the bank) and I9-9-9-SB-2S (on the non-bank portion) due to elevated PAHs and/or lead concentrations. Table E-11 presents the post-remediation evaluation of non-PCB constituents in the 1- to 9-foot depth increment. Although the proposed remediation will also remove soil from the top foot, Table E-9, which presents the evaluation of non-PCB constituents in the 0- to 1-foot depth increment under existing conditions, has been used to evaluate the post-remediation conditions to be conservative. As shown in these tables, post-remediation concentrations of all retained constituents at this area will be below the applicable PRG or Method 1 soil standards. Thus, the remediation proposed for the bank portion of Parcel I9-9-9 will achieve the applicable Performance Standards for this area.

4.3.2 Parcel I9-9-9 (Non-Bank Soils)

4.3.2.1 PCB Evaluation – Existing Conditions

The PCB evaluation process for the non-bank soils of Parcel I9-9-9 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to determine an X-depth and calculate average PCB concentrations for each of the depth increments specified in Section 4.3 above. In this case, as noted in Table 2, PCBs were detected to a depth of 11 feet, and therefore the evaluation was conducted for the 0- to 1-foot and 1- to 11-foot depth increments. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standard:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-9	7.31	2
1 – 11'	D-10	6.44	2

As indicated in the preceding table, the existing average PCB concentrations exceed the Performance Standard for the 0- to 1-foot and 1- to 11-foot depth increments. As a result, remediation is required to achieve that standard.

4.3.2.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the non-bank portion of Parcel I9-9-9 are presented in Table E-12. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.3.2.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Revised Conceptual Work Plan, the maximum concentrations of all detected constituents (other than dioxins/furans) were compared to their Screening PRGs. Table E-13 identifies the detected constituents and provides a comparison of the maximum detected concentration of each of those constituents to the applicable Screening PRG. As shown in Table E-13, the following remaining constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Indeno(1,2,3-cd)pyrene
- Arsenic
- Lead
- Sulfide

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.3.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRG.

Tables E-14 and E-15 present the evaluations of retained constituents for the 0- to 1-foot and 1- to 11-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRG. In addition, average concentrations of the other retained constituents in the 0- to 1-foot depth increment are less than their corresponding MCP Method 1 soil standards. However, lead has (or had prior to delineation sampling) existing average concentrations greater than the applicable Method 1 soil standards in the 1- to 11-foot depth increment. In this situation, GE is proposing to remove soil in the vicinity of sample location I9-9-9-SB-2S due to elevated levels of lead. .

4.3.2.3 Proposed Remediation

Based on the evaluations presented above, GE is proposing to conduct soil removal/replacement activities at the non-bank portion of Parcel I9-9-9 to the limits shown on Figure 4-4. This remediation will involve the excavation of approximately 260 cubic yards of soil. Performance of these activities will result in the achievement of the applicable PCB Performance Standard, as demonstrated in Section 4.3.2.4.

4.3.2.4 PCB Evaluation – Post-Remediation Conditions

The proposed remediation shown on Figure 4-4 will result in the achievement of the PCB Performance Standard for the relevant depth increments, as indicated in the following table.

Depth Increment	Appendix D Table Reference	Post Remediation Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-11	0.21	2
1 - 11'	D-12	0.91	2

4.3.2.5 Appendix IX+3 Evaluation – Post-Remediation Conditions

As indicated above, GE will remove soils associated with the 7- to 9-foot sample at location I9-9-9-SB-2S due to an elevated lead concentration. Table E-15A presents the post-remediation evaluation of non-PCB constituents in the 1- to 11-foot depth increment. Although the proposed remediation will also remove soil from the top foot, Table E-14, which presents the evaluation of non-PCB constituents in the 0- to 1-foot depth increment under existing conditions, has been used to evaluate the post-remediation conditions to be conservative. As shown in these tables, post-remediation concentrations of all retained constituents at this area will be below the applicable PRG or Method 1 soil standards. Thus, the remediation proposed for the non-bank portion of Parcel I9-9-9 will achieve the applicable Performance Standards for this area.

4.4 Evaluations for Parcel I9-9-17 (Commercial Bank Area)

As discussed in Section 1, this property was previously evaluated as a residential property, but is now being evaluated as a commercial property based on a re-evaluation of land use. As shown on Figure 1-2, Parcel I9-9-17 is bordered to the east by Parcel I9-9-18, to the south by Parcel I9-9-15 and Fenn Street, to the west by Parcel I9-9-201, and to the north by Silver Lake. The boundary of the Silver Lake RAA includes only the bank portion of Parcel I9-9-17. Since the owner of this parcel did not agree to an ERE, this parcel has been evaluated under the applicable Performance Standards for a commercial bank area with a Conditional Solution (which are recreational standards). Those standards require the removal/replacement of soils as necessary to achieve a spatial average PCB concentration of 10 ppm in the top foot and the 0- to 3-foot depth increment.

4.4.1 PCB Evaluation – Existing Conditions

The evaluation process for the bank portion of Parcel I9-9-17 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the applicable depth increments specified in Section 4.4 above. The following tables present the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standards under the Conditional Solution scenario:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-13	0.69	10
0 – 3'	D-14	1.97	10

As indicated in the preceding table, the existing average PCB concentrations are below the applicable Performance Standards. As a result, no remediation is required to achieve those standards.

4.4.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the bank portion of Parcel I9-9-17 are presented in Table E-16. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.4.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Revised Conceptual Work Plan, the maximum concentrations of all detected constituents (other than dioxins/furans) were compared to their corresponding Screening PRGs. Table E-17 identifies the detected constituents and provides a comparison of the maximum detected concentration for each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Dibenzo(a,h)anthracene
- Indeno(1,2,3-cd)pyrene
- Arsenic
- Lead

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.4.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRG.

Tables E-18 and E-19 present the evaluations of retained constituents for the 0- to 1-foot and 0- to 3-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRG. In addition, the average concentrations of the other retained constituents are less than the applicable Method 1 soil standards for each of the relevant depth increments. As a result, no remediation for non-PCB Appendix IX+3 constituents is necessary at this area. It should be noted, however, that remediation to address certain non-PCB constituents at the adjacent Parcel I9-9-18, specifically soil removal in the vicinity of sample location I9-9-18-SB-1, is proposed, and a segment of this soil removal will take place within Parcel I9-9-17.

4.4.3 Proposed Remediation

As noted above, although remediation on Parcel I9-9-17 is not necessary to achieve the applicable Performance Standards, some soil removal will be conducted on this parcel to address non-PCB constituents on adjacent Parcel I9-9-18. This soil removal, shown on Figure 4-3, will involve the excavation of approximately 25 cubic yards of soil on Parcel I9-9-17. Performance of these activities will further reduce the average PCB concentrations in this area, as demonstrated in Section 4.4.4.

4.4.4 PCB Evaluation – Post-Remediation Conditions

The proposed remediation shown on Figure 4-3 will further reduce the average PCB concentrations on the bank portion of Parcel I9-9-17 below the applicable PCB Performance Standards, as indicated in the following table.

Depth Increment	Appendix D Table Reference	Post-Remediation Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-15	0.44	10
0 – 3'	D-16	1.32	10

4.5 Evaluations for Parcel I9-9-18 (Residential Bank Area)

As shown on Figure 1-2, Parcel I9-9-18 is a residential property bordered to the east by Parcel I9-9-19, to the south by Fenn Street, to the west by I9-9-17, and to the north by Silver Lake. The boundary of the Silver Lake RAA includes only the bank portion of Parcel I9-9-18. The applicable Performance Standards for this area require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 2 ppm in the top foot and in the 1- to X-foot depth increment (with X determined as described above).

4.5.1 PCB Evaluation – Existing Conditions

The PCB evaluation process for the bank portion of Parcel I9-9-18 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to determine an X-depth and calculate average PCB concentrations for each of the depth increments specified in Section 4.5 above. In this case, as shown in Table 2, GE is proposing an X-depth of 3 feet, and therefore the evaluation was conducted for the 0- to 1-foot and 1- to 3-foot depth increments. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standard:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-17	5.78	2
1 – 3'	D-18	13.51	2

As indicated in the preceding table, the existing average PCB concentrations in both depth increments exceed the Performance Standard. As a result, remediation is required to achieve that standard.

4.5.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the bank portion of Parcel I9-9-18 are presented in Table E-21. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.5.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Revised Conceptual Work Plan, the maximum concentrations of all detected constituents (other than dioxins/furans) were compared to their corresponding Screening PRGs. Table E-22 identifies the detected constituents and provides a comparison of the maximum detected concentration for each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Dibenzo(a,h)anthracene
- Indeno(1,2,3-cd)pyrene
- Antimony
- Arsenic
- Lead

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.5.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRG.

Tables E-23 and E-24 present the evaluations of retained constituents for the 0- to 1-foot and 1- to 3-foot depth increments. As indicated in those tables, none of the samples had dioxin/furan TEQ concentrations greater than the applicable PRG. However, the average concentration of antimony in the 0- to 1-foot depth increment exceeded its Method 1 soil standard prior to delineation sampling, and the average concentration of lead in the 1- to 3-foot depth increment exceeded its Method 1 soil standard. Therefore, GE is proposing to remove soil in the vicinity of sample location I9-9-18-SB-1 due to elevated levels of antimony and lead.

4.5.3 Proposed Remediation

Based on the evaluations presented above, GE is proposing to conduct soil removal/replacement activities at Parcel I9-9-18 to the limits shown on Figure 4-3. This remediation will involve the excavation of approximately 45 cubic yards of soil. Performance of these activities will result in the achievement of the applicable PCB and Appendix IX+3 Performance Standards, as demonstrated in Section 4.5.4 and 4.5.5, respectively.

4.5.4 PCB Evaluation – Post-Remediation Conditions

The proposed remediation shown on Figure 4-3 will result in the achievement of the PCB Performance Standard for the relevant depth increments, as indicated in the following table.

Depth Increment	Appendix D Table Reference	Post Remediation Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-19	0.61	2
1 – 3'	D-20	0.02	2

4.5.5 Appendix IX+3 Evaluation – Post-Remediation Conditions

GE will remove certain soils associated with the 0- to 1-foot and 1- to 3-foot samples at location I9-9-18-SB-1 due to elevated antimony and lead concentrations. Tables E-25 and E-26 present the post-remediation evaluations of non-PCB constituents in the 0- to 1-foot and 1- to 3-foot depth increments. As shown in these tables, post-remediation concentrations of all retained constituents at this area will be below the applicable PRG or Method 1 soil standards. Thus, the remediation proposed for the bank portion of Parcel I9-9-18 will achieve the applicable Performance Standards for this area.

4.6 Evaluations for Parcel I9-9-19 (Residential Bank Area)

As shown on Figure 1-2, Parcel I9-9-19 is a residential property bordered to the east by Parcels I9-9-20 and I9-9-21, to the south by Fenn Street, to the west by I9-9-18, and to the north by Silver Lake. The boundary of the Silver Lake RAA includes only the bank portion of Parcel I9-9-19. The applicable Performance Standards for this area require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 2 ppm in the top foot and in the 1- to X-foot depth increment (with X determined as described above).

4.6.1 PCB Evaluation – Existing Conditions

The PCB evaluation process for the bank portion of Parcel I9-9-19 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to determine an X-depth and calculate average PCB concentrations for each of the depth increments specified in Section 4.6 above. In this case, as noted in Table 2, PCBs were detected to a depth of 3 feet, and therefore the evaluation was conducted for the 0- to 1-foot and 1- to 3-foot depth increments. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standard:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-21	2.17	2
1 – 3'	D-22	4.40	2

As indicated in the preceding table, the existing average PCB concentrations in both depth increments exceed the Performance Standard. As a result, remediation is required to achieve that standard.

4.6.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the bank portion of Parcel I9-9-19 are presented in Table E-27. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.6.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Revised Conceptual Work Plan, the maximum concentrations of all detected constituents (other than dioxins/furans) were compared to their corresponding Screening PRGs. Table E-28 identifies the detected constituents and provides a comparison of the maximum detected concentration of each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Benzo(a)pyrene
- Arsenic
- Lead

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.6.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRG.

Tables E-29 and E-30 present the evaluations of retained constituents for the 0- to 1-foot and 1- to 3-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRG. However, average concentrations of lead are greater than the applicable Method 1 soil standard in the 0- to 1-foot and 1- to 3-foot depth increments. Therefore, GE is proposing to remove soil in the vicinity of sample location I9-9-19-SB-2 in the 0- to 1-foot and 1- to 3-foot depth increments, and in the vicinity of sample locations I9-9-19-SB-2S and I9-9-19-2W in the 0- to 1-foot depth increment, due to elevated levels of lead.

4.6.3 Proposed Remediation

Based on the evaluations presented above, GE is proposing to conduct soil removal/replacement activities at Parcel I9-9-19 to the limits shown on Figure 4-3. This remediation will involve the excavation of approximately 70 cubic yards of soil.

Performance of these activities will result in the achievement of the applicable PCB and Appendix IX+3 Performance Standards, as demonstrated in Section 4.6.4 and 4.6.5, respectively.

4.6.4 PCB Evaluation – Post-Remediation Conditions

The proposed remediation shown on Figure 4-3 will result in the achievement of the PCB Performance Standard for the relevant depth increments, as indicated in the following table.

Depth Increment	Appendix D Table Reference	Post Remediation Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-23	0.39	2
1 – 3'	D-24	0.24	2

4.6.5 Appendix IX+3 Evaluation – Post-Remediation Conditions

As noted above, GE will remove soils associated with the 0- to 1-foot samples at locations I9-9-19-SB-2, I9-9-19-SB-2S, and I9-9-19-SB-2W, and the 1- to 3-foot sample at location I9-9-19-SB-2, due to elevated concentrations of lead. Tables E-31 and E-32 present the post-remediation evaluations of non-PCB constituents in the 0- to 1-foot and 1- to 3-foot depth increments. As shown in those tables, post-remediation concentrations of all retained constituents at this bank area will be below the applicable PRG or Method 1 soil standards. Accordingly, the remediation proposed for the bank portion of Parcel I9-9-19 will achieve the applicable Performance Standards for this area.

4.7 Evaluations for Parcel I9-9-21 and I9-9-22 (Bank and Non-Bank Portions of Commercial Property)

As shown on Figure 1-2 and discussed in previous interim PDI Reports, Parcels I9-9-21 and I9-9-22 are adjacent commercial tax parcels under common ownership, and are treated by the owner as one property. Therefore, these parcels have been evaluated as a single property. Parcels I9-9-21 and I9-9-22 are bordered to the east by Parcel I9-9-23, to the south by East Street, to the west by I9-9-19 and I9-9-20, and to the north by Silver Lake. The boundary of the Silver Lake RAA extends beyond the bank portion of Parcels I9-9-21 and I9-9-22 to also include a small portion of non-bank area. The bank and non-bank portions of Parcels I9-9-21 and I9-9-22 are evaluated separately below.

Since the owner of these parcels did not agree to an ERE, GE will implement a Conditional Solution at this area. Under a Conditional Solution, the applicable Performance Standards for the bank portion of Parcels I9-9-21 and I9-9-22 require the removal/replacement of soils as necessary to achieve a spatial average PCB concentration of 10 ppm in the 0- to 1-foot and 0- to 3-foot depth increments. The applicable Performance Standards for the non-bank portion of Parcels I9-9-21 and I9-9-22 require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 25 ppm in the 0- to 1-foot and 0- to 3-foot depth increments and 200 ppm in the 1- to 6-foot depth increment, and installation of an engineered barrier if the remaining spatial average PCB concentration exceeds 100 ppm in the 0- to 15-foot depth increment. Since the non-bank portion of this area is less than 0.5 acre in size, the PCB NTE concentration for commercial properties does not apply.

4.7.1 Parcels I9-9-21 and I9-9-22 (Bank Soils)

4.7.1.1 PCB Evaluation – Existing Conditions

The evaluation process for the bank portion of Parcels I9-9-21 and I9-9-22 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the applicable depth increments specified in Section 4.7 above. The following tables present the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standard under a Conditional Solution scenario:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-25	7.69	10
0 – 3'	D-26	5.85	10

As indicated in the preceding table, the existing average PCB concentrations are below the applicable Performance Standard. As a result, no remediation is required to achieve that standard.

4.7.1.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the bank portion of Parcels I9-9-21 and I9-9-22 are presented in Table E-33. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.7.1.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Revised Conceptual Work Plan, the maximum concentrations of all detected constituents (other than dioxins/furans) were compared to their corresponding Screening PRGs. Table E-34 identifies the detected constituents and provides a comparison of the maximum detected concentration of each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Indeno(1,2,3-cd)pyrene
- Arsenic
- Lead

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.7.1.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRG.

Tables D-35 and D-36 present the evaluations of retained constituents for the 0- to 1-foot and 0- to 3-foot depth increments, respectively. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRG. In addition, average concentrations for the other retained constituents are less than their corresponding MCP Method 1 soil standards. As a result, no remediation is necessary to achieve the Appendix IX+3 Performance Standards at this evaluation area.

4.7.2 Parcels I9-9-21 and I9-9-22 (Non-Bank Soils)

4.7.2.1 PCB Evaluation – Existing Conditions

The evaluation process for the non-bank portion of commercial Parcels I9-9-21 and I9-9-22 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the depth increments specified in Section 4.7 above. The following tables present the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standards under a Conditional Solution scenario:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-27	3.84	25
0 – 3'	D-28	9.09	25
1 – 6'	D-29	16.50	200
0 – 15'	D-30	44.63	100

As indicated in the preceding table, the existing average PCB concentrations are below the applicable Performance Standards. As a result, no remediation is required to achieve those standards.

4.7.2.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the non-bank portion of Parcels I9-9-21 and I9-9-22 are presented in Table E-37. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.7.2.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Revised Conceptual Work Plan, the maximum concentrations of all detected constituents (other than dioxins/furans) were compared to their corresponding Screening PRGs. Table E-38 identifies the detected constituents and provides a comparison of the maximum detected concentration of each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- 1,2,3-Trichloropropane
- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(k)fluoranthene
- Dibenzo(a,h)anthracene
- Indeno(1,2,3-cd)pyrene
- Phenanthrene
- Arsenic

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.7.2.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRGs.

Tables E-39 through E-42 present the evaluations of retained constituents for the 0- to 1-foot, 0- to 3-foot, 1- to 6-foot, and 0- to 15-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRGs. However, benzo(a)pyrene has an existing average concentration greater than the applicable Method 1 soil standards in the 0- to 3-foot depth increment (and there is no Method 1 soil standard for 1,2,3-trichloropropane). Accordingly, an area-specific risk evaluation has been performed for the soils at this area in its existing condition.

That risk evaluation is included in Appendix F to this Revised Conceptual Work Plan and indicates that, under existing conditions, both cancer risks and non-cancer hazards due to the retained constituents in the 0 to 1-foot, 0- to 3-foot, 1- to 6-foot, and 0- to 15-foot depth increments are below the benchmarks specified in the SOW. As a result, no remediation for non-PCB Appendix IX+3 constituents is necessary at this area.

4.8 Evaluations for Parcel I9-9-23 (Bank Portion of Commercial Property)

As shown on Figure 1-2, Parcel I9-9-23 is a commercial property bordered to the east by Parcel I9-9-24, to the south by East Street, to the west by I9-9-22, and to the north by Silver Lake. The boundary of the Silver Lake RAA does not extend beyond the bank portion of Parcel I9-9-23. GE proposes to evaluate the bank portion of this property within the Silver Lake RAA to meet residential Performance Standards. Under a residential scenario, the applicable Performance Standards for this area require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 2 ppm in the top foot and in the 1- to X-foot depth increment (with X determined as described above).

4.8.1 PCB Evaluation – Existing Conditions

The PCB evaluation process for the bank portion of Parcel I9-9-23 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to determine an X-depth and calculate average PCB concentrations for each of the depth increments specified in Section 4.8 above. In this case, as shown in Table 2, GE is proposing an X-depth of 3 feet, and therefore the evaluation was conducted for the 0- to 1-foot and 1- to 3-foot depth increments. The following table presents the existing average

PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the residential Performance Standard:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-31	0.17	2
1 – 3'	D-32	0.29	2

As indicated in the preceding table, the existing average PCB concentrations are below the residential Performance Standard in both the 0- to 1-foot and 1- to 3-foot depth increments. As a result, no remediation is required to achieve that standard.

4.8.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the bank portion of Parcel I9-9-23 are presented in Table E-43. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.8.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Revised Conceptual Work Plan, the maximum concentrations of all detected constituent (other than dioxins/furans) were compared to their corresponding Screening PRGs. Table E-44 identifies the detected constituents and provides a comparison of the maximum detected concentration of each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Benzo(a)pyrene
- Arsenic

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.8.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRG.

Tables E-45 and E-46 present the evaluations of retained constituents for the 0- to 1-foot and 1- to 3-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRG. In addition, the average concentrations of the other retained constituents are less than the applicable Method 1 soil standards for each applicable depth increment. Accordingly, no remediation for Appendix IX+3 constituents is necessary at this area.

4.9 Evaluations for Parcel I9-9-24 (Residential Bank and Non-Bank Area)

As shown on Figure 1-2, Parcel I9-9-24 is a residential property bordered to the east by Parcel I9-9-25, to the south by East Street, to the west by I9-9-23, and to the north by Silver Lake. The boundary of the Silver Lake RAA includes both bank and non-bank portions of Parcel I9-9-24. As discussed in previous interim PDI Reports, GE has evaluated both the bank and non-bank portions of the property together as a single residential averaging area, since exposure conditions are similar throughout that area. The applicable Performance Standards for this area require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 2 ppm in the top foot and in the 1- to X-foot depth increment (with X determined as described above).

4.9.1 PCB Evaluation – Existing Conditions

The PCB evaluation process for Parcel I9-9-24 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to determine an X-depth and calculate average PCB concentrations for each of the depth increments specified in Section 4.5 above. In this case, as noted in Table 2, PCBs were detected to a depth of 15 feet, and therefore the evaluation was conducted for the 0- to 1-foot and 1- to 15-foot depth increments. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standard:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-33	1.31	2
1 – 15'	D-34	14.71	2

As indicated in the preceding table, the existing average PCB concentration exceeds the Performance Standard for the 1- to 15-foot depth increment. As a result, remediation is required to achieve the PCB Performance Standard at this area.

4.9.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for Parcel I9-9-24 are presented in Table E-47. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.9.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Revised Conceptual Work Plan, the maximum concentrations of all detected constituents (other than dioxins/furans) were compared to their corresponding Screening PRG. Table E-48 identifies the detected constituents and provides a comparison of the maximum detected concentration of each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Aniline
- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Dibenzo(a,h)anthracene
- Indeno(1,2,3-cd)pyrene
- Antimony
- Arsenic
- Cadmium
- Chromium
- Copper
- Cyanide
- Lead
- Mercury
- Sulfide
- Thallium

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.9.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRG.

Tables E-49 and E-50 present the evaluations of retained constituents for the 0- to 1-foot and 1- to 15-foot depth increments. As indicated in those tables, the maximum dioxin/furan TEQ concentration in the 1- to 15-foot depth increment exceeds the applicable PRG. In addition, certain inorganic compounds have existing concentrations greater than the applicable Method 1 soil standards in the 1- to 15-foot depth increment. In this situation, GE is proposing to remove soil in the vicinity of the following sample locations due to

elevated levels of dioxin/furan TEQs and certain inorganic constituents: I9-9-24-SB-1, I9-9-24-SB-2, I9-9-24-SB-2-SE, and I9-9-24-SB-2-SES.

4.9.3 Proposed Remediation

Based on the evaluations presented above, GE is proposing to conduct soil removal/replacement activities at Parcel I9-9-24 to the limits shown on Figure 4-2. This remediation will involve the excavation of approximately 980 cubic yards of soil. Performance of these activities will result in the achievement of the applicable PCB and Appendix IX+3 Performance Standards, as demonstrated in Section 4.9.4 and 4.9.5, respectively.

4.9.4 PCB Evaluation – Post-Remediation Conditions

The proposed remediation shown on Figure 4-2 will result in the achievement of the PCB Performance Standard for the relevant depth increments, as indicated in the following table.

Depth Increment	Appendix D Table Reference	Post Remediation Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-35	0.36	2
1 – 15'	D-36	0.43	2

4.9.5 Appendix IX+3 Evaluation – Post-Remediation Conditions

GE will remove soils associated with the 9- to 11-foot samples at locations I9-9-24-SB-1, I9-9-24-SB-2-SE, and I9-9-24-SB-2-SES due to elevated levels of certain inorganic constituents (namely cadmium, chromium, copper, and lead), and soils associated with the 13- to 15-foot sample at location I9-9-24-SB-2 due to elevated levels of dioxin/furan TEQs and several inorganic constituents (namely arsenic, cadmium, chromium, copper, and lead). Table E-51 presents the post-remediation evaluation of the retained non-PCB constituents in the 1- to 15-foot depth increment. Although the proposed remediation will also remove soil from the top foot, Table E-49, which presents the evaluation of non-PCB constituents in the 0- to 1-foot depth increment under existing conditions, has been used to evaluate the post-remediation conditions to be conservative. As shown in those tables, post-remediation conditions for the retained non-PCB constituents will achieve applicable PRGs for dioxin/furan TEQs and the MCP Method 1 soil standards for other constituents, with two qualifications:

- As noted above, aniline was found to have a maximum detected concentration exceeding its corresponding Screening PRG. There is no MCP Method 1 soil standard for aniline. As discussed in the Fourth Interim PDI Report, given that: (1) aniline was detected only in the 13- to 15-foot depth sample at location I9-9-24-SB-2; (2) the average existing concentration in the 1- to 15-foot depth increment (35.6 ppm) is well below the EPA PRG for aniline (78 ppm); and (3) the soil in and around location I9-9-24-SB-2 will be removed to a depth of 15 feet below ground surface to address PCBs and other constituents (namely, dioxin/furans, cadmium, chromium, copper, and lead), GE believes that there is no need for delineation sampling or additional remediation for aniline at this parcel.
- After the foregoing evaluations, sulfide is the only remaining constituent with an average concentration (in the 1- to 15-foot depth increment) exceeding the applicable standard. Accordingly, under GE's agreement with EPA and MDEP described in Section 3.3.5, no further evaluations related to sulfide or soil remediation to address sulfide are necessary, and GE has concluded that acceptable conditions exist.

For these reasons, the remediation proposed for Parcel I9-9-24 will achieve the applicable Performance Standards for this area and no further sampling or remediation is necessary.

4.10 Evaluations for Parcel I9-9-25 (Bank and Non-Bank Portions of Commercial Property)

As shown on Figure 1-2, Parcel I9-9-25 is commercial property bordered to the east by Parcel I9-9-26, to the south by East Street, to the west by I9-9-24, and to the north by Silver Lake. The boundary of the Silver Lake RAA extends beyond the bank portion of this parcel to include a portion of non-bank area. The bank and non-bank portions of Parcel I9-9-25 are evaluated separately below. Since the owner of this parcel did not agree to an ERE, GE has evaluated this property based on the applicable Performance Standards for a property with a Conditional Solution.

For the bank soils, those Performance Standards require the removal/replacement of soils as necessary to achieve a spatial average PCB concentration of 10 ppm in both the top foot and the 0- to 3-foot depth increment. For the non-bank soils, GE must remove/replace soils as necessary to achieve spatial average PCB concentrations of 25 ppm in the top foot, 25 ppm in the 0- to 3-foot depth increment, and 200 ppm in the 1- to 6-foot depth increment, and must install an engineered barrier if the remaining spatial average PCB concentration in the 0- to 15-foot depth increment exceeds 100 ppm. Since the non-bank portion of Parcel I9-9-24 is less than 0.25 acre in size, the NTE criterion does not apply.

4.10.1 Parcel I9-9-25 (Bank Soils)

4.10.1.1 PCB Evaluation – Existing Conditions

The evaluation process for the bank portion of Parcel I9-9-25 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the applicable depth increments specified in Section 4.10 above. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standards under a Conditional Solution scenario:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-37	0.77	10
0 – 3'	D-38	2.20	10

As indicated in the preceding table, the existing average PCB concentrations are below the Performance Standards. As a result, no remediation is required to achieve those standards.

4.10.1.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the bank portion of Parcel I9-9-25 are presented in Table E-52. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.10.1.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Revised Conceptual Work Plan, the maximum concentrations of all detected constituents (other than dioxins/furans) were compared to their corresponding Screening PRGs. Table E-53 identifies the detected constituents and provides a comparison of the maximum detected concentration of each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Dibenzo(a,h)anthracene
- Indeno(1,2,3-cd)pyrene
- Arsenic
- Sulfide

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.10.1.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRG.

Tables E-54 and E-55 present the evaluations of retained constituents for the 0- to 1-foot and 0- to 3-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRG. In addition, the average concentrations of the other retained constituents are less than the applicable Method 1 soil standards for each applicable depth increment (except for sulfide, for which additional remediation is not required per agreement with EPA and MDEP, as discussed in Section 3.3.5). Since existing concentrations meet the applicable Performance Standards, no remediation for Appendix IX+3 constituents is necessary at this area.

4.10.2 Parcel I9-9-25 (Non-Bank Soils)

4.10.2.1 PCB Evaluation – Existing Conditions

The evaluation process for the non-bank portion of Parcel I9-9-25 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the applicable depth increments specified in Section 4.10 above. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standards under a Conditional Solution scenario:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-40	0.53	25
0 – 3'	D-41	5.17	25
1 – 6'	D-42	3.93	200
0 – 15'	D-43	1.43	100

As indicated in the preceding table, the existing average PCB concentrations are below the Performance Standards. As a result, no remediation is required to achieve those standards.

4.10.2.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the non-bank portion of Parcel I9-9-25 are presented in Table E-57. These data are the basis for the Appendix IX+3 evaluations presented in this section. (As shown in Table E-57, the Appendix IX+3 data for this area extend to a depth of 6 feet bgs. Thus, for purposes of the Appendix IX+3 evaluation, the 0- to 15-foot depth increment is represented by the 0- to 6-foot depth increment.)

4.10.2.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Revised Conceptual Work Plan, the maximum concentrations of all detected constituents (other than dioxins/furans) were compared to their corresponding Screening PRGs. Table E-58 identifies the detected constituents and provides a comparison of the maximum detected concentration of each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Benzo(a)anthracene
- Benzo(a)pyrene
- Dibenzo(a,h)anthracene
- Arsenic

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.10.2.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRGs.

Tables E-59 through E-62 present the evaluations of retained constituents for the 0- to 1-foot, 0- to 3-foot, 1- to 6-foot, and 0- to 6-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRGs. In addition, the average concentrations of the other retained constituents are less than the applicable Method 1 soil standards for each applicable depth increment. Accordingly, the non-PCB Performance Standards are achieved under existing conditions, and no remediation for such constituents is necessary at this area.

4.11 Evaluations for Parcel I9-9-30 (Bank and Non-Bank Portions of Commercial Property)

As shown on Figure 1-2, Parcel I9-9-30 is a commercial property bordered to the east by Parcel I9-9-31, to the south by East Street, to the west by I9-9-29, and to the north by Silver Lake. The boundary of the Silver Lake RAA extends beyond the bank portion of this Parcel to also include a portion of non-bank area. The bank and non-bank portions of Parcel I9-9-30 are evaluated separately below. GE proposes to evaluate both portions of this property that are within the Silver Lake RAA to meet residential Performance Standards. The applicable residential Performance Standards require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 2 ppm in the top foot and in the 1- to X-foot depth increment (with X determined as described above). Since the non-bank area is not greater than 0.25 acre in size, the PCB NTE criterion is not applicable.

4.11.1 Parcel I9-9-30 (Bank Soils)

4.11.1.1 PCB Evaluation – Existing Conditions

The PCB evaluation process for the bank portion of Parcel I9-9-30 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to determine an X-depth and calculate average PCB concentrations for each of the depth increments specified in Section 4.11 above. In this case, as shown in Table 2, GE is proposing an X-depth of 3 feet, and therefore the evaluation was conducted for the 0- to 1-foot and 1- to 3-foot depth increments. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the residential Performance Standard:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-44	0.35	2
1 – 3'	D-45	0.96	2

As indicated in the preceding table, the existing average PCB concentrations are below the residential Performance Standard in both the 0- to 1-foot and 1- to 3-foot depth increments. As a result, no remediation is required to achieve that standard.

4.11.1.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the bank portion of Parcel I9-9-30 are presented in Table E-63. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.11.1.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Revised Conceptual Work Plan, the maximum concentrations of all detected constituents (other than dioxins/furans) were compared to their corresponding Screening PRGs. Table E-64 identifies the detected constituents and provides a comparison of the maximum detected concentration of each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Benzo(a)pyrene
- Arsenic

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.11.1.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRG.

Tables E-65 and E-66 present the evaluations of retained constituents for the 0- to 1-foot and 1- to 3-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRG. In addition, the average concentrations of the other retained constituents are less than the applicable Method 1 soil standards for each applicable depth increment. Accordingly, the non-PCB Performance Standards are achieved under existing conditions, and no remediation for such constituents is necessary at this area.

4.11.2 Parcel I9-9-30 (Non-Bank Soils)

4.11.2.1 PCB Evaluation – Existing Conditions

The PCB evaluation process for the non-bank portion of Parcel I9-9-30 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to determine an X-depth and calculate average PCB concentrations for each of the depth increments specified in Section 4.11 above. In this case, as noted in Table 2, PCBs were detected to a depth of 6 feet, and therefore the evaluation was conducted for the 0- to 1-foot and 1- to 6-foot depth increments. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the residential Performance Standard:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-46	0.45	2
1 – 6'	D-47	1.17	2

As indicated in the preceding table, the existing average PCB concentrations are below the residential Performance Standard in both the 0- to 1-foot and 1- to 6-foot depth increments. As a result, no remediation is required to achieve that standard.

4.11.2.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the non-bank portion of Parcel I9-9-30 are presented in Table E-67. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.11.2.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Revised Conceptual Work Plan, the maximum concentrations of all detected constituents (other than dioxins/furans) were compared to their corresponding Screening PRGs. Table E-68 identifies the detected constituents and provides a comparison of the maximum detected concentration of each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Dibenzo(a,h)anthracene
- Indeno(1,2,3-cd)pyrene
- Arsenic

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.11.2.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRG.

Tables E-69 and E-70 present the evaluations of retained constituents for the 0- to 1-foot and 1- to 6-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRG. While the average concentration of dibenzo(a,h)anthracene in the 0- to 1-foot depth increment (i.e., 1.05 ppm) does exceed the MCP Method 1 standard of 0.7 ppm, there were in fact no detections of this constituent in that depth increment. This "exceedance" is due only to the fact that an elevated detection limit was observed in the sample collected from this depth increment at I9-9-30-SB-12. Due to this, and since the average concentrations of the other retained constituents are less than the applicable Method 1 soil standards for each applicable depth increment, it is concluded that the non-PCB Performance Standards are achieved under existing conditions and that no remediation for such constituents is necessary at this area.

4.12 Evaluations for Parcel I9-9-31 (Bank Portion of Commercial Property)

As shown on Figure 1-2, Parcel I9-9-31 is a commercial property bordered to the northeast by Parcel I9-9-32, to the southeast by East Street, to the southwest by I9-9-30, and to the northwest by Silver Lake. The boundary of the Silver Lake RAA does not extend beyond the bank of Parcel I9-9-31. GE proposes to evaluate this bank area to meet residential Performance Standards. Under a residential scenario, the applicable Performance Standards for this area require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 2 ppm in the top foot and in the 1- to X-foot depth increment (with X determined as described above).

4.12.1 PCB Evaluation – Existing Conditions

The PCB evaluation process for Parcel I9-9-31 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to determine an X-depth and calculate average PCB concentrations for each of the depth increments specified in Section 4.12 above. In this case, as shown in Table 2, GE is proposing an X-depth of 3 feet, and therefore the evaluation was conducted for the 0- to 1-foot and 1- to 3-foot depth increments. The following table presents the existing average PCB concentrations that

were calculated for this area, together with references to the corresponding tables in Appendix D and the residential Performance Standards:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-48	0.42	2
1 – 3'	D-49	0.41	2

As indicated in the preceding table, the existing average PCB concentrations are below the residential Performance Standard in both the 0- to 1-foot and 1- to 3-foot depth increments. As a result, no remediation is required to achieve that standard.

4.12.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the bank portion of Parcel I9-9-31 are presented in Table E-71. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.12.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Revised Conceptual Work Plan, the maximum concentrations of all detected constituent (other than dioxins/furans) were compared to their corresponding Screening PRG. Table E-72 identifies the detected constituents and provides a comparison of the maximum detected concentration for each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Benzo(a)pyrene
- Arsenic

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.12.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRG.

Tables E-73 and E-74 present the evaluations of retained constituents for the 0- to 1-foot and 1- to 3-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRG. In addition, the average concentrations of the other retained constituents are less than the applicable Method 1 soil standards for each applicable depth increment. Accordingly, the non-PCB Performance Standards are achieved under existing conditions and no remediation for such constituents is necessary at this area. It should be noted, however, that GE is proposing remediation to address certain non-PCB constituents at adjacent Parcel I9-9-32, specifically soil removal in the vicinity of sample location I9-9-32-SB-3, and a segment of this soil removal will take place within the bank portion of Parcel I9-9-31.

4.12.3 Proposed Remediation

Although soil removal is not necessary at Parcel I9-9-31 to meet the applicable PCB and Appendix IX+3 performance standards, GE is proposing to conduct soil removal/replacement activities at Parcel I9-9-31 to the limits shown on Figure 4-1 as part of soil removal/replacement activities on adjacent Parcel I9-9-32. This remediation will involve the excavation of approximately 50 cubic yards of soil.

4.12.4 PCB Evaluation – Post-Remediation Conditions

The proposed remediation will remove soil in the top three feet around sample location I9-9-32-SB-3. While existing concentrations of PCBs prior to this remediation already achieve the residential PCB Performance Standard as noted in Section 4.12.1, this remediation will further lower the PCB concentrations for the relevant depth increments at this parcel, as indicated in the following table.

Depth Increment	Appendix D Table Reference	Post-Remediation Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-50	0.40	2
1 – 3'	D-51	0.35	2

4.13 Evaluations for Parcel I9-9-32 (Bank Portion of Commercial Property)

As shown on Figure 1-2, Parcel I9-9-32 is a commercial property bordered to the northeast by Parcel I9-9-33, to the southeast by East Street, to the southwest by I9-9-31, and to the northwest by Silver Lake. The boundary of the Silver Lake RAA does not extend beyond the bank of Parcel I9-9-32. The owner of this parcel has advised GE that he is willing to execute an ERE. Therefore, the applicable Performance Standards for the bank soils

require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 10 ppm in the top foot and 15 ppm in the 1- to 3-foot depth increment.

4.13.1 PCB Evaluation – Existing Conditions

The evaluation process for the bank portion of Parcel I9-9-32 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the applicable depth increments specified in Section 4.13 above. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standards under an ERE scenario:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-52	0.66	10
1 – 3'	D-54	43.55	15

As indicated in the preceding table, the existing average PCB concentrations do not exceed the Performance Standard in the top foot but do exceed the Performance Standard in the 1- to 3-foot depth increment. As a result, remediation is required to achieve that standard at this area.

4.13.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the bank portion of Parcel I9-9-32 are presented in Table E-75. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.13.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Revised Conceptual Work Plan, the maximum concentrations of all detected constituents (other than dioxins/furans) were compared to their corresponding Screening PRGs. Table E-76 identifies the detected constituents and provides a comparison of the maximum detected concentration of each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(k)fluoranthene
- Dibenzo(a,h)anthracene
- Indeno(1,2,3-cd)pyrene
- Arsenic
- Sulfide

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.13.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRGs.

Tables E-77 and E-79 present the evaluations of retained constituents for the 0- to 1-foot and 1- to 3-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRGs. However, certain PAH compounds had existing concentrations greater than the applicable Method 1 soil standards in the 1- to 3-foot depth increment prior to delineation sampling. In this situation, GE is proposing to remove soil in the vicinity of sample location I9-9-32-SB-3 due to elevated levels of PAHs.

4.13.3 Proposed Remediation

Based on the evaluations presented above, GE is proposing to conduct soil removal/replacement activities at Parcel I9-9-32 to the limits shown on Figure 4-1. This remediation will involve the excavation of approximately 115 cubic yards of soil. Performance of these activities will result in the achievement of the applicable PCB and Appendix IX+3 Performance Standards, as demonstrated in Section 4.13.4 and 4.13.5, respectively.

4.13.4 PCB Evaluation – Post-Remediation Conditions

The proposed remediation shown on Figure 4-1 will result in the achievement of the PCB Performance Standards for the relevant depth increments, as indicated in the following table.

Depth Increment	Appendix D Table Reference	Post-Remediation Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-55	0.07	10
1 – 3'	D-57	0.06	15

4.13.5 Appendix IX+3 Evaluation – Post-Remediation Conditions

GE will remove soils associated with the 1- to 3- foot sample at location I9-9-32-SB-3 due to elevated PAH levels. Table E-81 presents the post-remediation evaluations of non-PCB constituents in the 1- to 3-foot depth increments. Although the proposed remediation will also remove soil from the top foot, Table E-77, which presents the evaluation of non-PCB constituents in the 0- to 1-foot depth increment under existing conditions, has been used to evaluate the post-remediation conditions to be conservative. As shown in these tables, the average post-remediation concentrations of the retained constituents are less than the applicable Method 1 soil standards for each applicable depth increment (except for sulfide in the 0- to 1-foot depth increment, for which additional remediation is not required per agreement with EPA and MDEP, as discussed in Section 3.3.5). For these reasons, the proposed remediation for the bank portion of Parcel I9-9-32 will achieve the applicable Performance Standards for this area.

4.14 Evaluations for Parcel I9-9-33 (Bank Portion of Commercial Property)

As shown on Figure 1-2, Parcel I9-9-33 is a commercial property bordered to the east by Parcel I9-9-34, to the southeast by East Street, to the southwest by I9-9-32, and to the north by Silver Lake. The boundary of the Silver Lake RAA does not extend beyond the bank of Parcel I9-9-33. The owner of this parcel has advised GE that he is willing to execute an ERE. Therefore, the applicable Performance Standards for the bank soils require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 10 ppm in the top foot and 15 ppm in the 1- to 3-foot depth increment.

4.14.1 PCB Evaluation – Existing Conditions

The evaluation process for the bank portion of Parcel I9-9-33 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the applicable depth increments specified in Section 4.14 above. The following tables present the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standards under an ERE scenario:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-58	0.75	10
1 – 3'	D-60	3.19	15

As indicated in the preceding table, the existing average PCB concentrations are below the applicable Performance Standards. As a result, no remediation is required to achieve those standards.

4.14.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the bank portion of Parcel I9-9-33 are presented in Table E-82. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.14.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Revised Conceptual Work Plan, the maximum concentrations of all detected constituents (other than dioxins/furans) were compared to their corresponding Screening PRG. Table E-83 identifies the detected constituents and provides a comparison of the maximum detected concentration of each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Benzo(a)pyrene
- Arsenic
- Mercury
- Sulfide

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.14.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRGs.

Tables E-84 and E-86 present the evaluations of retained constituents for the 0- to 1-foot and 1- to 3-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRGs. However, the existing concentration of mercury is greater than the applicable Method 1 soil standard in the 1- to 3-foot depth increment. Accordingly, an area-specific risk evaluation has been performed for the soils at this area in its existing condition.

That risk evaluation is included in Appendix F to this Revised Conceptual Work Plan and indicates that, under existing conditions, both cancer risks and non-cancer hazards due to the retained constituents in the 0- to 1-foot and 1- to 3-foot depth increments are below the benchmarks specified in the SOW. Therefore, no remediation for non-PCB Appendix IX+3 constituents is necessary at this area.

4.15 Evaluations for Parcel I9-9-34 (Bank Portion of Commercial Property)

As shown on Figure 1-2, Parcel I9-9-34 is a commercial property bordered to the northeast by RA-1, to the southeast by East Street, to the west by Parcel I9-9-33, and to the north by Silver Lake. The boundary of the Silver Lake RAA does not extend beyond the bank portion of Parcel I9-9-34. Since the owner of this parcel did not agree to execute an ERE, this parcel has been evaluated under the applicable Performance Standards for the bank portion of a commercial property with a Conditional Solution. Those standards require the removal/replacement of soils as necessary to achieve a spatial average PCB concentration of 10 ppm in the top foot and the 0- to 3-foot depth increment at this bank area.

4.15.1 PCB Evaluation – Existing Conditions

The evaluation process for the bank portion of Parcel I9-9-34 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the applicable depth increments specified in Section 4.15 above. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standards under a Conditional Solution scenario:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-61	13.27	10
0 – 3'	D-62	31.71	10

As indicated in the preceding table, the existing average PCB concentrations exceed the corresponding Performance Standards. As a result, remediation is required to achieve those standards.

4.15.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the bank portion of Parcel I9-9-34 are presented in Table E-87. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.15.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Revised Conceptual Work Plan, the maximum concentrations of all detected constituents (other than dioxins/furans) were compared to their corresponding Screening PRGs. Table E-88 identifies the detected constituents and provides a comparison of the maximum detected concentration of each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Dibenzo(a,h)anthracene
- Indeno(1,2,3-cd)pyrene
- Arsenic

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.15.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRG.

Tables E-89 and E-90 present the evaluations of retained constituents for the 0- to 1-foot and 0- to 3-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRG. In addition, average concentrations of the other retained constituents are less than the applicable Method 1 soil standards. Accordingly, the non-PCB Performance Standards are achieved under existing conditions and no remediation for such constituents is necessary at this area. It should be noted, however, that remediation to address certain non-PCB constituents at the adjacent Recreational Area RA-5, specifically soil removal in the vicinity of sample location I9-9-34-

SB-1 (located on RA-5), is proposed, and a segment of this soil removal will take place within Parcel I9-9-34.

4.15.3 Proposed Remediation

Based on the evaluations presented above, GE is proposing to conduct soil removal/replacement activities at Parcel I9-9-34 to the limits shown on Figure 4-1. This remediation will involve the excavation of approximately 210 cubic yards of soil. Performance of these activities will result in the achievement of the applicable PCB Performance Standards for this area, as demonstrated in Section 4.15.4.

4.15.4 PCB Evaluation – Post-Remediation Conditions

The proposed remediation shown on Figure 4-1 will result in the achievement of the PCB Performance Standards for the relevant depth increments, as indicated in the following table.

Depth Increment	Appendix D Table Reference	Post-Remediation Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-64	3.65	10
0 – 3'	D-65	1.77	10

4.16 Evaluations for Parcel I9-9-201 (Bank and Non-Bank Portions of Commercial Property)

As shown on Figure 1-2, Parcel I9-9-201 is a commercial property bordered to the east by Parcels I9-9-15 and I9-9-17, to the south by Parcel I9-9-103 and Fenn Street, to the west by I9-9-103, I9-9-9, and I9-9-10, and to the north by Silver Lake. The boundary of the Silver Lake RAA extends beyond the bank portion of this property to also include a small portion of non-bank area. The bank and non-bank portions of Parcel I9-9-201 are evaluated separately below. Since the owner of this parcel did not agree to execute an ERE on this property, this property has been evaluated under the applicable Performance Standards for a property with a Conditional Solution.

For the bank soils, the applicable Performance Standards require the removal/replacement of soils as necessary to achieve a spatial average PCB concentration of 10 ppm in the top foot and the 0- to 3-foot depth increment. For the non-bank soils, GE must remove/replace soils as necessary to achieve spatial average PCB concentrations of 25 ppm in the top foot, 25 ppm in the 0- to 3-foot depth increment, and 200 ppm in the 1- to 6-foot depth increment, and must install an engineered barrier if the remaining spatial average PCB concentration in

the 0- to 15-foot depth increment exceeds 100 ppm. Since the non-bank portion of this area is less than 0.5 acre in size, the PCB NTE concentration for commercial properties does not apply.

4.16.1 Parcel I9-9-201 (Bank Soils)

4.16.1.1 PCB Evaluation – Existing Conditions

The evaluation process for the bank portion of Parcel I9-9-201 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the applicable depth increments specified in Section 4.16 above. The following tables present the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standards under a Conditional Solution scenario:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-67	0.31	10
0 – 3'	D-68	0.52	10

As indicated in the preceding table, the existing average PCB concentrations in both depth increments are below the applicable Performance Standards. As a result, no remediation is required to achieve those standards.

4.16.1.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the bank portion of Parcel I9-9-201 are presented in Table E-92. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.16.1.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Revised Conceptual Work Plan, the maximum concentrations of all detected constituents (other than dioxins/furans) were compared to their corresponding Screening PRGs. Table E-93 identifies the detected constituents and provides a comparison of the maximum detected concentration of each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(k)fluoranthene
- Dibenzo(a,h)anthracene
- Indeno(1,2,3-cd)pyrene
- Phenanthrene
- Arsenic
- Lead

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.16.1.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRG.

Tables E-94 and E-95 present the evaluations of retained constituents for the 0- to 1-foot and 0- to 3-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRG. However, the average existing concentration of lead in the 0- to 1-foot depth increment and the concentrations of certain PAHs in the 0- to 3-foot depth increment are (or were prior to delineation sampling) greater than the applicable Method 1 soil standards. In this situation, GE is proposing to remove soil in the vicinity of sample location I9-9-11-SB-2 due to elevated levels of certain PAHs.

4.16.1.3 Proposed Remediation

Based on the evaluations presented above, GE is proposing to conduct soil removal/replacement activities at the bank portion of Parcel I9-9-201 to the limits shown on Figure 4-3. This remediation will involve the excavation of approximately 40 cubic yards of soil. Performance of these activities will result in lower spatial average PCB concentrations and achievement of the applicable non-PCB Performance Standards, as demonstrated in Section 4.16.1.4 and 4.16.1.5, respectively.

4.16.1.4 PCB Evaluation – Post-Remediation Conditions

As shown on Figure 4-3, the proposed remediation will remove soil in the top three feet around sample location I9-9-11-SB-2. While existing concentrations of PCBs prior to this remediation already achieve the PCB Performance Standards as noted in Section 4.16.1.1, this remediation will slightly lower the PCB concentrations for the relevant depth increments at the bank portion of this parcel, as indicated in the following table.

Depth Increment	Appendix D Table Reference	Post Remediation Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-69	0.30	10
0 – 3'	D-70	0.51	10

4.16.1.5 Appendix IX+3 Evaluation – Post-Remediation Conditions

As noted above GE will remove the soils associated with the 1- to 3- foot depth increment at location I9-9-11-SB-2 due to elevated PAH levels. Table E-96 presents the post-remediation evaluation of non-PCB constituents in the 0- to 3-foot depth increment. Although the proposed remediation will also remove soil from the top foot, Table E-94, which presents the evaluation of non-PCB constituents in the 0- to 1-foot depth increment under existing conditions, has been used to evaluate the post-remediation conditions to be conservative. As shown in those tables, the post-remediation average concentrations in the 0- to 3-foot depth increment are below the applicable standards, but the lead concentration in the 0- to 1-foot depth increment will slightly exceed the applicable Method 1 standard. Accordingly, an area-specific post-remediation risk evaluation has been performed for this bank area.

That risk evaluation is included in Appendix F to this Revised Conceptual Work Plan and indicates that, under post-remediation conditions, both cancer risks and non-cancer hazards due to the retained constituents in the 0- to 1-foot and 0- to 3-foot depth increments are below the benchmarks specified in the SOW, and the average lead concentrations in both depth increments are below the applicable RBC. As a result, the remediation will achieve the applicable Performance Standards for non-PCB Appendix IX+3 constituents.

4.16.2 Parcel I9-9-201 (Non-Bank Soils)

4.16.2.1 PCB Evaluation – Existing Conditions

The evaluation process for the non-bank portion of Parcel I9-9-201 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the depth increments specified in Section 4.16 above. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standards under a Conditional Solution scenario:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-71	0.90	25
0 – 3'	D-72	1.51	25
1 – 6'	D-73	1.90	200
0 – 15'	D-74	2.76	100

As indicated in the preceding table, the existing average PCB concentrations are below the applicable Performance Standards. As a result, no remediation is required to achieve those standards.

4.16.2.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the non-bank portion of Parcel I9-9-201 are presented in Table E-97. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.16.2.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Revised Conceptual Work Plan, the maximum concentrations of all detected constituents (other than dioxins/furans) were compared to their corresponding Screening PRGs. Table E-98 identifies the detected constituents and provides a comparison of the maximum detected concentration of each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(k)fluoranthene
- Dibenzo(a,h)anthracene
- Indeno(1,2,3-cd)pyrene
- Phenanthrene
- Arsenic

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.16.2.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRGs.

Tables E-99 through E-102 present the evaluations of retained constituents for the 0- to 1-foot, 0- to 3-foot, 1- to 6-foot, and 0- to 15-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRGs. However, certain PAH compounds had average concentrations greater than the applicable Method 1 soil standards in the 1- to 6-foot depth increment prior to delineation sampling. In this situation, GE is proposing to remove soil in the vicinity of sample location I9-9-11-SB-7 due to elevated levels of PAHs.

4.16.2.3 Proposed Remediation

Based on the evaluations presented above, GE is proposing to conduct soil removal/replacement activities at the non-bank portion of Parcel I9-9-201 to the limits shown on Figure 4-3. This remediation will involve the excavation of approximately 245 cubic yards of soil. Performance of these activities will result in lower spatial average PCB concentrations and achievement of the non-PCB Performance Standards, as demonstrated in Section 4.16.2.4 and 4.16.2.5, respectively.

4.16.2.4 PCB Evaluation – Post-Remediation Conditions

As shown on Figure 4-3, the proposed remediation will remove soil in the top six feet in western portion of this non-bank area to address non-PCB constituents. While existing concentrations of PCBs prior to this remediation already achieve the specified PCB Performance Standards noted in Section 4.16.2.1, this remediation will further lower the PCB concentrations for the relevant depth increments at the non-bank portion of this parcel, as indicated in the following table.

Depth Increment	Appendix D Table Reference	Post Remediation Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-75	0.53	25
0 – 3'	D-76	0.58	25
1 – 6'	D-77	0.58	200
0 – 15'	D-78	2.29	100

4.16.2.5 Appendix IX+3 Evaluation – Post-Remediation Conditions

GE will remove soils associated with the 3- to 6- foot sample at location I9-9-11-SB-7 due to elevated PAH levels. Tables E-103 and E-104 present the post-remediation evaluations of non-PCB constituents in the 1- to 6-foot and 0- to 15-foot depth increments. Although the proposed remediation will also remove soil from the 0- to 1-foot and 0- to 3-foot depth

increments, Tables E-99 and E-100, which present the evaluation of non-PCB constituents in the 0- to 1-foot and 0- to 3-foot depth increments under existing conditions, have been used to evaluate the post-remediation conditions to be conservative. As shown in these tables, post-remediation concentrations of all retained constituents will be below the applicable PRGs or Method 1 soil standards. Thus, the remediation proposed for the non-bank portion of Parcel I9-9-201 will achieve the applicable Performance Standards for this area.

4.17 Evaluations for Parcel I9-10-8 (Residential Bank and Non-Bank Areas)

As shown on Figure 1-2, Parcel I9-10-8 is a currently unimproved residential property bordered to the east by Silver Lake, to the south by Parcel I9-10-7, to the west by Parcels I9-10-10, I9-10-11, I9-10-12, I9-10-13, I9-10-14, and I9-10-15, and to the north by Parcel I9-10-9. The boundary of the Silver Lake RAA extends beyond the bank portion of this property to also include the entire non-bank portion of Parcel I9-10-8. The bank and non-bank portions of Parcel I9-10-8 are evaluated separately below. The applicable Performance Standards for both areas require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 2 ppm in the top foot and in the 1- to X-foot depth increment (with X determined as described above). Since the non-bank area is greater than 0.25 acre in size, the maximum PCB concentration in the top foot of soil must be less than the NTE criterion of 10 ppm PCBs applicable to residential areas.

4.17.1 Parcel I9-10-8 (Bank Soils)

4.17.1.1 PCB Evaluation – Existing Conditions

The evaluation process for this area involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the depth increments specified in Section 4.17. In this case, as shown in Table 2, GE is proposing an X-depth of 9 feet, and, therefore, the evaluation was conducted for the 0- to 1-foot and 1- to 9-foot depth increments. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standards:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-79	56.76	2
1 – 9'	D-80	26.35	2

As indicated in the preceding table, the existing average PCB concentrations exceed the Performance Standard for the 0- to 1-foot and 1- to 9-foot depth increments. As a result, remediation is required to achieve that standard.

4.17.1.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the bank portion of Parcel I9-10-8 are presented in Table E-105. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.17.1.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Revised Conceptual Work Plan, the maximum concentrations of all detected constituents (other than dioxins/furans) were compared to their corresponding Screening PRGs. Table E-106 identifies the detected constituents and provides a comparison of the maximum detected concentration of each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(k)fluoranthene
- Dibenzo(a,h)anthracene
- Indeno(1,2,3-cd)pyrene
- Arsenic
- Lead
- Sulfide

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.17.1.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRG.

Tables E-107 and E-108 present the evaluations of retained constituents for the 0- to 1-foot and 1- to 9-foot depth increments. As indicated in those tables, the maximum dioxin/furan TEQ concentration in the 0- to 1-foot depth increment exceeds the applicable PRG. In addition, existing concentrations of lead exceed the applicable Method 1 soil standards in both the 0- to 1 and 1- to 9-foot depth increments. In this situation, GE is proposing to remove soil in the vicinity of sample location I9-10-8-SB-9 due to an elevated level of

dioxin/furan TEQs, and soil in the vicinity of sample locations SL-BH001469, SLB-1BB, SLB-1BB-W, I9-10-8-SB-2, I9-10-8-SB-16-E, and I9-9-1-SB-5-N due to elevated levels of lead.

4.17.1.3 Proposed Remediation

Based on the evaluations presented above, GE is proposing to conduct soil removal/replacement activities at the bank portion of Parcel I9-10-8 to the limits shown on Figure 4-4. This remediation will involve the excavation of approximately 1,250 cubic yards of soil. Performance of these activities will result in the achievement of the PCB and Appendix IX+3 Performance Standards for this area, as demonstrated in Sections 4.17.1.4 and 4.17.1.5, respectively.

4.17.1.4 PCB Evaluation – Post-Remediation Conditions

The proposed remediation shown on Figure 4-4 will result in the achievement of the PCB Performance Standard for the relevant depth increments, as indicated in the following table.

Depth Increment	Appendix D Table Reference	Post Remediation Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-81	0.08	2
1 – 9'	D-82	1.24	2

4.17.1.5 Appendix IX+3 Evaluation – Post-Remediation Conditions

To address non-PCB constituents, GE will remove soils associated with the 0- to 1-foot samples at location I9-10-8-SB-9 due to dioxin/furan TEQs and at locations SL-BH001469, SLB-1BB, I9-10-8-SB-2, and I9-10-18-SB-16-E due to lead, and soils associated with the 1- to 3-foot, 3- to 5-foot, and/or 3- to 6-foot samples at some or all of locations SL-BH001469, SLB-1BB, SLB-1BB-W, and I9-9-1-SB-5-N due to lead. Tables E-109 and E-110 present the post-remediation evaluations of non-PCB constituents in the 0- to 1 foot and 1- to 9-foot depth increments. As shown in those tables, post-remediation concentrations of dioxin/furan TEQs will be below the applicable PRG, and the post-remediation concentrations of all other retained non-PCB constituents will be below applicable MCP Method 1 soil standards. Accordingly, the proposed remediation for the bank portion of Parcel I9-10-8 will achieve the applicable Performance Standards for this area.

4.17.2 Parcel I9-10-8 (Non-Bank Soils)

4.17.2.1 PCB Evaluation – Existing Conditions

The first step in the evaluation process for the non-bank portion of Parcel I9-10-8 involved the identification of all soil sample locations in the top foot of unpaved portions with PCB concentrations greater than 10 ppm, the applicable NTE level. This review revealed that the surface samples from locations R83E264 and SL-BH001469 have PCB concentrations in excess of the NTE level. Although location SL-BH001469 is located in the bank portion of Parcel I9-10-8, the associated polygon for this location extends into the non-bank portion of the property. Soil removal activities are necessary for the 0- to 1-foot depth increment to address these exceedances.

The next step in the PCB evaluation process for the non-bank soils of Parcel I9-10-8 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to determine an X-depth and calculate average PCB concentrations for each of the depth increments specified in Section 4.17 above. In this case, as shown in Table 2, GE is proposing an X-depth of 11 feet, and therefore the evaluation was conducted for the 0- to 1-foot and 1- to 11-foot depth increments. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standard:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-83	2.05	2
1 – 11'	D-84	5.36	2

As indicated in the preceding table, the existing average PCB concentrations in both the 0- to 1-foot and the 1- to 11-foot depth increments exceed the Performance Standard. As a result, remediation is required to achieve that standard.

4.17.2.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the non-bank portion of Parcel I9-10-8 are presented in Table E-111. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.17.2.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Revised Conceptual Work Plan, the maximum concentrations of all detected constituents (other than dioxins/furans) were compared to their corresponding Screening PRGs. Table E-112 identifies the detected constituents and provides a comparison of the maximum detected concentration of each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Dibenzo(a,h)anthracene
- Indeno(1,2,3-cd)pyrene
- Arsenic
- Lead
- Mercury
- Sulfide

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.17.2.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRG.

Tables E-113 and E-114 present the evaluations of retained constituents for the 0- to 1-foot and 1- to 11-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRG. However, existing concentrations of lead and mercury are greater than the applicable Method 1 soil standards in the 0- to 1-foot and 1- to 11-foot depth increments. Therefore, as discussed below, GE is proposing to remove soil in the vicinity of sample locations SLB-1BB-W, I9-9-1-SB-5-N-SW, and I9-10-8-SB-18 due to elevated levels of lead, and in the vicinity of sample location I9-10-8-SB-19 due to elevated levels of mercury.

4.17.2.3 Proposed Remediation

Based on the evaluations presented above, GE is proposing to conduct soil removal/replacement activities at the non-bank portion of Parcel I9-10-8 to the limits shown on Figure 4-4. This remediation will involve the excavation of approximately 655 cubic yards of soil. Performance of these activities will result in the achievement of the PCB and Appendix IX+3 Performance Standards, as demonstrated in Sections 4.17.2.4 and 4.17.2.5, respectively.

4.17.2.4 PCB Evaluation – Post-Remediation Conditions

The proposed remediation shown on Figure 4-4 will result in removal of the identified sample locations with exceedances of the NTE level and in achievement of the PCB Performance Standards for the relevant depth increments, as indicated in the following table.

Depth Increment	Appendix D Table Reference	Post Remediation Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-85	0.48	2
1 – 11'	D-86	1.20	2

At EPA’s request, GE has also considered the removal of the one sample at this property that was found to have a PCB concentration greater than 50 ppm and that would not be removed by the proposed remediation (the 1- to 2-foot depth sample from location R83E264). At this time, GE has not identified any factors that would warrant removal of this sample, particularly given that this property is unimproved and unoccupied. However, this conclusion will be reconsidered in the Final RD/RA Work Plan.

4.17.2.5 Appendix IX+3 Evaluation – Post-Remediation Conditions

As noted above, GE will remove soils associated with the 0- to 1-foot sample at locations I9-9-1-SB-5-N-SW and I9-10-8-SB-18 and the 1- to 3-foot depth sample at location SLB-1BB-W due to elevated lead levels, and soils associated with both the 0- to 1-foot and 1- to 3-foot samples at location I9-10-8-SB-19 due to elevated mercury levels. Tables E-115 and E-116 present the post-remediation evaluations of non-PCB constituents in the 0- to 1 foot and 1- to 11-foot depth increments. As shown in those tables, post-remediation concentrations of all retained non-PCB constituents will be below the applicable PRG or Method 1 soil standards. Accordingly, the remediation proposed for the non-bank portion of Parcel I9-10-8 will achieve the applicable Performance Standards for this area.

4.18 Evaluations for Parcel I9-10-11 (Residential Non-Bank Area)

As shown on Figure 1-2, Parcel I9-10-11 is a residential property bordered to the east by Parcel I9-10-8, to the south by Parcel I9-10-12, to the west by Fourth Street, and to the north by Parcel I9-10-10. This property is not immediately adjacent to the lake, and the boundary of the Silver Lake RAA includes only a small (non-bank) portion of this property. The applicable Performance Standards for this area require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 2 ppm in the top foot and in the 1- to X-foot depth increment (with X determined as described above). Since this area is less than 0.25 acre in size, the PCB NTE concentration for residential properties does not apply.

4.18.1 PCB Evaluation – Existing Conditions

The PCB evaluation process for the non-bank soils of Parcel I9-10-11 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to determine an X-depth and calculate average PCB concentrations for each of the depth increments specified in Section 4.18 above. In this case, as shown in Table 2, GE is proposing an X-depth of 9 feet, and therefore the evaluation was conducted for the 0- to 1-foot and 1- to 9-foot depth increments. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standards:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-87	0.62	2
1 – 9'	D-88	3.60	2

As indicated in the preceding table, the existing average PCB concentrations do not exceed the Performance Standard in the top foot but do exceed the Performance Standard in the 1- to 9-foot depth increment. As a result, remediation is required to achieve that standard.

4.18.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the non-bank portion of Parcel I9-10-11 are presented in Table E-117. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.18.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Revised Conceptual Work Plan, the maximum concentrations of all detected constituents (other than dioxins/furans) were compared to their corresponding Screening PRGs. Table E-118 identifies the detected constituents and provides a comparison of the maximum detected concentration of each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Benzo(a)pyrene
- Arsenic
- Lead
- Sulfide

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.18.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRG.

Tables E-119 and E-120 present the evaluations of retained constituents for the 0- to 1-foot and 1- to 9-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRG. However, the existing average concentration of lead in the 0- to 1-foot depth increment is greater than the applicable Method 1 soil standard and the existing average concentrations of arsenic and lead in the 1- to 9-foot depth increment exceeded the Method 1 soil standards prior to delineation sampling. In this situation, GE is proposing to remove soil in the vicinity of sample locations I9-10-8-SB-16 and I9-10-8-16-S (both located within Parcel I9-10-11) due to elevated levels of arsenic and lead.

4.18.3 Proposed Remediation

Based on the evaluations presented above, GE is proposing to conduct soil removal/replacement activities at the portion of Parcel I9-10-11 within the RAA to the limits shown on Figure 4-4. This remediation will involve the excavation of approximately 150 cubic yards of soil. Performance of these activities will result in the achievement of the applicable PCB and Appendix IX+3 Performance Standards, as demonstrated in Sections 4.18.4 and 4.18.5, respectively.

4.18.4 PCB Evaluation – Post-Remediation Conditions

The proposed remediation shown on Figure 4-4 will result in the achievement of the PCB Performance Standard for the relevant depth increments, as indicated in the following table.

Depth Increment	Appendix D Table Reference	Post Remediation Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-89	0.08	2
1 – 9'	D-90	0.66	2

4.18.5 Appendix IX+3 Evaluation – Post-Remediation Conditions

As shown on Figure 4-4, GE will remove soils associated with sample location I9-10-8-SB-16 to a depth of 3 feet and soils associated with sample location I9-10-8-SB-16-S to a depth of 5 feet. Tables E-121 and E-122 present the post-remediation evaluations of non-PCB constituents in the 0- to 1-foot and 1- to 9-foot depth increments. As shown in these tables, post-remediation concentrations of all retained non-PCB constituents will be below the applicable PRG or Method 1 soil standards. Accordingly, the proposed remediation for the portion of Parcel I9-10-11 within the RAA will achieve the applicable Performance Standards for this area.

4.19 Evaluation for Recreational Area RA-1 (including Parcel I9-10-9)

As shown on Figure 1-2, Recreational Area RA-1 (which includes Parcel I9-10-9) is bordered to the northeast by RA-2, to the southeast by Silver Lake, to the southwest by Parcels I9-10-8 and I9-10-10, and to the northwest by Fourth Street. This area consists entirely of lake bank. As discussed in Section 3.2.2, although GE anticipates that a Conditional Solution will be implemented both for the privately owned portion of this area (owned by PIDC) and for the City-owned road easement, GE has evaluated this area to ensure that it would meet the applicable Performance Standards either for an area with an ERE or for an area with a Conditional Solution. Under this approach, the applicable Performance Standards for this bank area require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 10 ppm in the top foot, 10 ppm in the 0- to 3-foot depth increment, and 15 ppm in the 1- to 3-foot depth increment.

4.19.1 PCB Evaluation – Existing Conditions

The evaluation process for RA-1 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the applicable depth increments specified in Section 4.19 above.

The following tables present the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standards:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-91	37.86	10
0 – 3'	D-91A	65.55	10
1 – 3'	D-92	79.39	15

As indicated in the preceding table, the existing average PCB concentrations in all relevant depth increments exceed the applicable Performance Standards. As a result, remediation is required to achieve those standards.

4.19.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for RA-1 are presented in Table E-123. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.19.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Revised Conceptual Work Plan, the maximum concentrations of all detected constituents (other than dioxins/furans) were compared to their corresponding Screening PRGs. Table E-124 identifies the detected constituents and provides a comparison of the maximum detected concentration of each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(k)fluoranthene
- Dibenzo(a,h)anthracene
- Indeno(1,2,3-cd)pyrene
- Phenanthrene
- Arsenic
- Lead
- Sulfide

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.19.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRG.

Tables E-125, E-125A, and E-126 present the evaluations of retained constituents for the 0- to 1-foot, 0- to 3-foot, and 1- to 3-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRG. However, the existing average concentrations of certain PAHs in all depth increments exceed the applicable Method 1 soil standards. In this situation, GE is proposing to remove soil in the vicinity of sample location SL-BH001465 due to elevated levels of PAHs.

4.19.3 Proposed Remediation

Based on the evaluations presented above, GE is proposing to conduct soil removal/replacement activities at RA-1 to the limits shown on Figure 4-5. This remediation will involve the excavation of approximately 875 cubic yards of soil. Performance of these activities will result in the achievement of the applicable PCB and Appendix IX+3 Performance Standards, as demonstrated in Section 4.19.4 and 4.19.5, respectively.

4.19.4 PCB Evaluation – Post-Remediation Conditions

The proposed remediation shown on Figure 4-5 will result in the achievement of the PCB Performance Standards for the relevant depth increments, as indicated in the following table.

Depth Increment	Appendix D Table Reference	Post-Remediation Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-93	0.44	10
0 – 3'	D-93A	1.83	10
1 – 3'	D-102	2.66	15

4.19.5 Appendix IX+3 Evaluation – Post-Remediation Conditions

As shown on Figure 4-5, the proposed remediation will include a 3-foot removal to address elevated levels of certain PAHs at location SL-BH001465. Tables E-126A, E-126B, and E-126C present the post-remediation evaluations of non-PCB constituents in the 0- to 1-foot,

0- to 3-foot, and 1- to 3-foot depth increments. As shown in those tables, post-remediation conditions in all depth increments will achieve the applicable dioxin/furan PRG and Method 1 soil standards in all relevant depth increments. Accordingly, the proposed remediation for RA-1 will achieve the applicable Performance Standards for this area.

4.20 Evaluations for Recreational Area RA-2

As shown on Figure 1-2, Recreational Area RA-2 is bordered to the east by RA-3, to the south by Silver Lake, to the west by RA-1, and to the north by Silver Lake Boulevard. This area consists entirely of lake bank. As discussed in Section 3.2.2, this area will be subject to Conditional Solutions both for the privately owned portion of this area owned by WMECo) and for the City-owned road easement. In these circumstances, GE has evaluated this area based on the Performance Standards for a recreational area with a Conditional Solution. Those Performance Standards require the removal/replacement of soils as necessary to achieve a spatial average PCB concentration of 10 ppm in the top foot and the 0- to 3-foot depth increment.

4.20.1 PCB Evaluation – Existing Conditions

The evaluation process for RA-2 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the applicable depth increments specified in Section 4.20 above. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standards:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-95	0.44	10
0 – 3'	D-96	2.52	10

As indicated in the preceding table, the existing average PCB concentrations are below the Performance Standards. As a result, no remediation is required to achieve those standards.

4.20.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for RA-2 are presented in Table E-127. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.20.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Revised Conceptual Work Plan, the maximum concentrations of all detected constituents (other than dioxins/furans) were compared to their corresponding Screening PRGs. Table E-128 identifies the detected constituents and provides a comparison of the maximum detected concentration of each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Dibenzo(a,h)anthracene
- Indeno(1,2,3-cd)pyrene
- Arsenic

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.20.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRG.

Tables E-129 and E-130 present the evaluations of retained constituents for the 0- to 1-foot and 0- to 3-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRG. In addition, the average concentrations of the other retained constituents are less than the applicable Method 1 soil standards for each applicable depth increment. Accordingly, the Performance Standards for non-PCB constituents are already achieved at RA-2, and no remediation for such constituents is necessary at this area. It should be noted, however, that remediation to address certain non-PCB constituents at the adjacent RA-3, specifically soil removal in the vicinity of sample location RA-3-SB-1, is proposed, and a segment of this soil removal will take place within RA-2.

4.20.3 Proposed Remediation

As noted above, although remediation at RA-2 is not necessary to achieve the applicable Performance Standards, some soil removal will be conducted at this area to address non-PCB constituents on adjacent area RA-3. This soil removal, shown on Figure 4-5, will involve the excavation of approximately 45 cubic yards of soil at area RA-3.

4.20.4 PCB Evaluation – Post-Remediation Conditions

The proposed remediation will remove soil in the top three feet around sample location RA-2-SB-11. The post-remediation PCB concentrations at this area will be nearly the same as the existing concentrations, which already achieve the residential PCB Performance Standard, as indicated in the following table.

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-97	0.44	10
0 – 3'	D-98	2.51	10

4.21 Evaluations for Recreational Area RA-3

As shown on Figure 1-2, Recreational Area RA-3 is bordered to the southeast by RA-4, to the south by Silver Lake, to the southwest by RA-2, and to the north by Silver Lake Boulevard. This area consists entirely of lake bank. As discussed in Section 3.2.2, the GE-owned portion of this area will be subject to an ERE, while the other privately owned portion of the area (owned by WMECo) and City-owned road easement will be subject to Conditional Solutions. In these circumstances, GE has applied to this area both the Performance Standards for a recreational area with an ERE and those for a recreational area with a Conditional Solution. Thus, the applicable Performance Standards for this bank area require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 10 ppm in the top foot, 10 ppm in the 0- to 3-foot depth increment, and 15 ppm in the 1- to 3-foot depth increment.

4.21.1 PCB Evaluation – Existing Conditions

The evaluation process for RA-3 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the applicable depth increments specified in Section 4.21 above. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standards:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-99	61.08	10
0 – 3'	D-99A	193.29	10
1 – 3'	D-100	259.39	15

As indicated in the preceding table, the existing average PCB concentrations in all depth increments exceed the applicable Performance Standards. As a result, remediation is required to achieve those standards.

4.21.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for RA-3 are presented in Table E-131. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.21.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Revised Conceptual Work Plan, the maximum concentrations of all detected constituents (other than dioxins/furans) were compared to their corresponding Screening PRGs. Table E-132 identifies the detected constituents and provides a comparison of the maximum detected concentration of each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- 3-Methylcholanthrene
- Acetophenone
- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(g,h,i)perylene
- Benzo(k)fluoranthene
- Chrysene
- Dibenzo(a,h)anthracene
- Indeno(1,2,3-cd)pyrene
- Naphthalene
- Phenanthrene
- Arsenic
- Copper
- Lead
- Sulfide

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.21.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRG.

Tables E-133, E-133A, and E-134 present the evaluations of retained constituents for the 0- to 1-foot, 0- to 3-foot, and 1- to 3-foot depth increments. As indicated in those tables, the maximum dioxin/furan TEQ concentrations in the 0- to 3-foot and 1- to 3-foot depth increments exceed the applicable PRG. In addition, existing average concentrations of certain PAHs in all depth increments and lead in the 1- to 3-foot depth increment exceed the applicable Method 1 soil standards. In this situation, GE is proposing to remove soil in the vicinity of sample location RA-3-SB-9 due to elevated levels of dioxins/furans and in the vicinity of the following sample locations due to elevated levels of PAHs and/or lead: SL-BH001473, SLB-9BB, SLB-9TB, RA-3-SB-1, RA-3-SB-15, RA-3-SB-15-E, RA-3-SB-15-EE (located within RA-4), RA-3-SB-15-W, RA-3-SB-15-WW, and RA-3-SB-15-WWW.

4.21.3 Proposed Remediation

Based on the evaluations presented above, GE is proposing to conduct soil removal/replacement activities at RA-3 to the limits shown on Figure 4-5. This remediation will involve the excavation of approximately 2,650 cubic yards of soil. Performance of these activities will result in the achievement of the applicable PCB and Appendix IX+3 Performance Standards, as demonstrated in Section 4.21.4 and 4.21.5, respectively.

4.21.4 PCB Evaluation – Post-Remediation Conditions

The proposed remediation shown on Figure 4-5 will result in the achievement of the PCB Performance Standards for the relevant depth increments, as indicated in the following table.

Depth Increment	Appendix D Table Reference	Post-Remediation Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-101	6.31	10
0 – 3'	D-101A	6.41	10
1 – 3'	D-102	6.46	15

At EPA’s request, GE has also considered the removal of the one sample in the top foot at this area that was found to have a PCB concentration greater than 50 ppm and that would not be removed by the proposed remediation (RA-3-SB-3). At this time, GE has not identified any constructability or related factors that would warrant removal of this sample. However, that conclusion will be reconsidered in the combined Final RD/RA Work Plan for sediments and soils.

4.21.5 Appendix IX+3 Evaluation – Post-Remediation Conditions

As shown on Figure 4-5, the proposed remediation will include 3-foot removals in two portions of RA-3, as well as a one-foot removal in another portion, to address elevated levels of certain PAHs (or, one case, dioxin/furan TEQs). Tables E-135, E-135A, and E-136 present the post-remediation evaluations of non-PCB constituents in the 0- to 1-foot, 0- to 3-foot, and 1- to 3-foot depth increments. As shown in those tables, post-remediation conditions in all depth increments will achieve the applicable dioxin/furan PRG and Method 1 soil standards in all relevant depth increments, except that: (a) the average post-remediation concentrations of benzo(a)pyrene in the 0- to 1-foot and 0- to 3-foot depth increments will slightly exceed the applicable Method 1 soil standard; (b) the average post-remediation concentration of lead in the 1- to 3-foot depth increment will exceed the Method 1 soil standard; and (c) there is no Method 1 soil standard for acetophenone or 3-methylcholanthrene. In this situation, an area-specific post-removal risk evaluation has been performed for this area.

In this case, however, 3-methylcholanthrene has not been included in the risk evaluation because: (1) that constituent was detected in only one sample, the 0- to 1-foot sample at location SL-BH001473 (which, in fact, is the only sample in the entire Silver Lake RAA where 3-methylcholanthrene was detected); (2) the soil associated with that sample will be removed to a depth of 1 foot bgs to address PAHs; and (3) thus the remaining the average concentrations of 3-methylcholanthrene in all depth increments consist solely of arithmetic averages of non-detect samples, using one-half the detection limit.

The risk evaluation for RA-3 is included in Appendix F to this Revised Conceptual Work Plan and indicates that, under post-remediation conditions, cancer risks and non-cancer hazards due to the retained constituents in the 0- to 1-foot, 0- to 3-foot, and 1- to 3-foot depth increments at RA-3 do not exceed the benchmarks specified in the SOW, and the average lead concentrations in all depth increments are below the applicable RBC. Thus, the remediation proposed for RA-3 will achieve the applicable Performance Standards for non-PCB constituents at this area.

4.22 Evaluations for Recreational Area RA-4

As shown on Figure 1-2, Recreational Area RA-4 is bordered to the east by Silver Lake Boulevard, to the south by RA-5, to the west by Silver Lake, and to the north by RA-3. This area consists entirely of lake bank and includes GE-owned land and a roadway easement. As discussed in Section 3.2.2, GE will execute an ERE for the portion of this area owned by GE and will implement a Conditional Solution for the City-owned road easement. In these circumstances, GE has applied to this area both the Performance Standards for a recreational area with an ERE and those for a recreational area with a Conditional Solution. Thus, the applicable Performance Standards for this bank area require the

removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 10 ppm in the top foot, 10 ppm in the 0- to 3-foot depth increment, and 15 ppm in the 1- to 3-foot depth increment.

As noted in Section 2.2, in November 2006, GE performed soil removal activities on a portion the bank in this area in connection with implementation of a pilot study of sediment capping over a portion of Silver Lake adjacent to RA-4. Details of this removal were provided in a March 19, 2007 letter report entitled *Summary of Bank Soil Removal Activities Associated with Pilot Study Implementation*, a copy of which is included in Appendix G (as Appendix G-1). Following those removal activities, GE conducted certain investigative activities, consisting of the collection of additional bank soil samples at several locations within RA-4 for PCB and non-PCB Appendix IX+3 analyses. The results of these sampling activities were presented in a December 3, 2007 letter report entitled *Summary of Recent Field Investigations and Analytical Results Related to Silver Lake Bank Materials*, a copy of which is also included in Appendix G (as Appendix G-2). Although not included in prior document submittals related to Silver Lake bank soils, these sampling results have been included, where appropriate based on location- and depth-specific analyses, in the RA-4 evaluations presented herein.

4.22.1 PCB Evaluation – Existing Conditions

The evaluation process for RA-4 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the applicable depth increments specified in Section 4.22 above. The prior bank soil removal activity, conducted in November 2006, consisted of the removal of soil in the top three feet around sample location RA-4-SB-8, as shown by the letter report included in Appendix G-1. The area associated with this soil removal is represented by polygons 412, 108, 150, and 297 on Figures D-52, D-53, D-54, and D-55, respectively. In the PCB evaluations presented herein, backfill concentrations were used for those polygons as part of the evaluation of existing conditions (Tables D-103 through D-104).

The following table presents the existing average PCB concentrations that were calculated for this area after taking into account the prior soil removal around location RA-4-SB-8 (but not additional soil removal that was carried out as part of the pilot study to allow construction of the sediment cap), together with references to the corresponding tables in Appendix D and the applicable Performance Standards:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-103	8.96	10
0 – 3'	D-103A	9.68	10
1 – 3'	D-104	10.05	15

As indicated in the preceding tables, the current average PCB concentrations are below the applicable Performance Standards. As a result, no further remediation is required to achieve those standards.

At EPA's request, GE has also considered the removal of the one sample in the top foot at this area that was found to have a PCB concentration greater than 50 ppm (SLB-4BB). At this time, GE has not identified any constructability or related factors that would warrant removal of this sample. However, that conclusion will be reconsidered in the combined Final RD/RA Work Plan for sediments and soils.

4.22.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for RA-4 are presented in Table E-137. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.22.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Revised Conceptual Work Plan, the maximum concentrations of all detected constituent (other than dioxins/furans) were compared to their corresponding Screening PRGs. Table E-138 identifies the detected constituents and provides a comparison of the maximum detected concentration of each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(k)fluoranthene
- Dibenzo(a,h)anthracene
- Indeno(1,2,3-cd)pyrene
- Arsenic
- Sulfide
- Thallium

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.22.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRG.

Tables E-139, E-139A, and E-140 present the evaluations of retained constituents for the 0- to 1-foot, 0- to 3-foot, and 1- to 3-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRG. However, certain PAH compounds have average concentrations greater than the applicable Method 1 soil standard in all depth increments. In this situation, GE is proposing to remove soil in the vicinity of sample location RA-3-SB-15-EE due to elevated levels of PAHs.

4.22.3 Proposed Remediation

Based on the evaluations presented above, GE is proposing to conduct soil removal/replacement activities at RA-4 to the limits shown on Figure 4-5. This remediation will involve the excavation of approximately 395 cubic yards of soil. Performance of these activities will result in lower average PCB concentrations and achievement of the applicable non-PCB Performance Standards, as demonstrated in Sections 4.22.4 and 4.22.5, respectively.

4.22.4 PCB Evaluation – Post-Remediation Conditions

As shown on Figure 4-5, the proposed remediation will remove soil in the northern portion of RA-4 to address non-PCB constituents. While existing concentrations of PCBs prior to this remediation already achieved the applicable PCB Performance Standards as noted in Section 4.22.1, this remediation will further lower the PCB concentrations for the relevant depth increments at this area, as indicated in the following table.

Depth Increment	Appendix D Table Reference	Post-Remediation Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-105	4.70	10
0 – 3'	D-105A	9.07	10
1 – 3'	D-106	9.13	15

4.22.5 Appendix IX+3 Evaluation – Post-Remediation Conditions

GE will remove soils associated with the 0- to 1-foot and 1- to 3-foot samples at location RA-3-SB-15-EE at RA-4 due to elevated PAH levels. Tables E-141, E-141A, and E-142 present the post-remediation evaluations of non-PCB constituents in the 0- to 1-foot, 0- to 3-foot, and 1- to 3-foot depth increments. As shown in these tables, the average post-remediation concentrations of benzo(a)pyrene and dibenzo(a,h)anthracene in the 0- to 1-foot and 0- to 3-foot depth increments will slightly exceed the applicable Method 1 soil standards. In this situation, an area-specific post-removal risk evaluation has been performed for this area.

That risk evaluation is included in Appendix F to this Revised Conceptual Work Plan and indicates that, under post-remediation conditions, cancer risks and non-cancer hazards due to the retained constituents in the 0- to 1-foot, 0- to 3-foot, and 1- to 3-foot depth increments at RA-4 do not exceed the benchmarks specified in the SOW (lead was not a retained constituent at this area). Thus, the remediation proposed for RA-4 will achieve the applicable Performance Standards for non-PCB constituents at this area.

4.23 Evaluations for Recreational Area RA-5

As shown on Figure 1-2, Recreational Area RA-5 is bordered to the east and southeast by Silver Lake Boulevard and East Street, respectively, to the southwest by Parcel I9-9-34, to the northwest by Silver Lake, and to the north by RA-4. This area consists entirely of lake bank and includes GE-owned land and a roadway easement. As discussed in Section 3.2.2, GE will execute an ERE for the portion of this area owned by GE and will implement a Conditional Solution for the City-owned road easement. In these circumstances, GE has applied to this area both the Performance Standards for a recreational area with an ERE and those for a recreational area with a Conditional Solution. Thus, the applicable Performance Standards for this bank area require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 10 ppm in the top foot, 10 ppm in the 0- to 3-foot depth increment, and 15 ppm in the 1- to 3-foot depth increment.

4.23.1 PCB Evaluation – Existing Conditions

The evaluation process for RA-5 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the applicable depth increments specified in Section 4.23 above. The following tables present the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standards:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-107	168.34	10
0 – 3'	D-107A	62.17	10
1 – 3'	D-108	9.09	15

As indicated in the preceding table, the existing average PCB concentrations in the top foot and the 0- to 3-foot depth increment exceed the applicable Performance Standards. As a result, remediation is required to achieve those standards.

4.23.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for RA-5 are presented in Table E-143. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.23.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Revised Conceptual Work Plan, the maximum concentrations of all detected constituent (other than dioxins/furans) were compared to their corresponding Screening PRGs. Table E-144 identifies the detected constituents and provides a comparison of the maximum detected concentration of each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Aniline
- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(g,h,i)perylene
- Benzo(k)fluoranthene
- Chrysene
- Dibenzo(a,h)anthracene
- Indeno(1,2,3-cd)pyrene
- Phenanthrene
- Arsenic
- Thallium

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.23.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRG.

Tables E-145, E-145A, and E-146 present the evaluations of retained constituents for the 0- to 1-foot, 0- to 3-foot, and 1- to 3-foot depth increments. As indicated in those tables, the maximum dioxin/furan TEQ concentration in the 0- to 1-foot and 0- to 3-foot depth increments exceeds the applicable PRG. In addition, certain PAHs have existing concentrations greater than the applicable Method 1 soil standards in all depth increments. In this situation, GE is proposing to remove soil in the vicinity of sample location RA-5-SB-2 due to an elevated level of dioxin/furan TEQs and in the vicinity of sample locations I9-9-34-SB-1 and I9-9-34-SB-1-NE due to elevated levels of PAHs.

4.23.3 Proposed Remediation

Based on the evaluations presented above, GE is proposing to conduct soil removal/replacement activities at RA-5 to the limits shown on Figure 4-5. This remediation will involve the excavation of approximately 580 cubic yards of soil. Performance of these activities will result in the achievement of the applicable PCB and Appendix IX+3 Performance Standards, as demonstrated in Section 4.23.4 and 4.23.5, respectively.

4.23.4 PCB Evaluation – Post-Remediation Conditions

The proposed remediation shown on Figure 4-5 will result in the achievement of the PCB Performance Standards for the relevant depth increments, as indicated in the following tables.

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-109	0.38	10
0 – 3'	D-109A	4.55	10
1 – 3'	D-110	6.63	15

4.23.5 Appendix IX+3 Evaluation – Post-Remediation Conditions

GE will remove soils associated with the 0- to 1-foot samples at location RA-5-SB-2 due to an elevated dioxin/furan TEQ level and at location I9-9-34-SB-1 due to elevated levels of certain PAHs. GE will also remove soils associated with the 1- to 3-foot samples at locations I9-9-34-SB-1 and I9-9-34-SB-1-NE due to elevated levels of certain PAHs. Tables E-147, E-147A, and E-148 present the post-remediation evaluations of non-PCB constituents in the 0- to 1-foot, 0- to 3-foot, and 1- to 3-foot depth increments. As shown in these tables, the post-remediation concentrations of dioxin/furan TEQs will be below the applicable PRG and the post-remediation of the other retained constituents will be below the applicable Method 1 soil standards, where such standards exist.

One retained constituent, aniline, does not have a Method 1 soil standard. In this case, however, GE does not believe that there is a need for delineation sampling or additional remediation for aniline at RA-5 because: (1) the average concentrations in the 0- to 1-foot depth increment (60 ppm), 0- to 3-foot depth increment (30 ppm), and 1- to 3-foot depth increment (0.76 ppm) are below the EPA Region 9 residential PRG for aniline (78 ppm); and (2) the soil in and around the 1-foot depth sample at location RA-5-SB-2, where the only elevated concentration of aniline was found, will be removed to a depth of 1 foot below ground surface to address PCBs and dioxins/furans.

For these reasons, GE has concluded that the proposed remediation for RA-5 will achieve the applicable Performance Standards for this area and that no further sampling or remediation will be required.

4.24 Summary of Utility Corridor Assessment

As noted in Section 3.2.1, the CD and SOW do not contain any Performance Standards for utility corridors at the Silver Lake RAA. However, at other RAAs, the CD and SOW require that, where utilities potentially subject to emergency repair requirements are present and the spatial average PCB concentration for the soils in such a utility corridor exceeds 200 ppm, GE is required to evaluate the need for additional response actions. In accordance with EPA's September 23, 2008 conditional approval letter, GE has conducted a utility corridor assessment for the Silver Lake RAA, similar to those conducted at other RAAs, for those utilities which are considered as potentially requiring emergency repair.

As shown on Figure 1-3 the utilities present within or immediately adjacent to the Silver Lake RAA generally consist of municipal and private stormwater outlets, a gas line, and municipal potable and wastewater lines. With respect to the stormwater outlets that have been identified by either GE or EPA, it is not likely that any of these locations would be subject to emergency repairs. Further, as noted in the Conceptual Sediments Work Plan, GE has proposed the removal or plugging/decommissioning of the majority of the outfalls

(e.g., stormwater culverts, clay tiles) that have been observed around the lake. As such, final determinations related to utility corridor analyses and response actions specific to these outfalls will be presented in the combined Final RD/RA Work Plan for Silver Lake sediments and soils.

In addition, although there is a water line along East Street just southeast of the Silver Lake RAA boundary (as shown on Figure 1-3), the corridor associated with that line does not extend appreciably into the RAA, and hence any repair workers on that line would not be exposed, to any appreciable extent, to soils associated with this RAA. As a result, that corridor was not assessed.

The remaining utilities identified on Figure 1-3 consist of a gas line located along a very short length near the intersection of East Street and Silver Lake Boulevard and a gas line that is generally coincident with the northern and eastern boundaries of the Silver Lake RAA along Silver Lake Boulevard adjacent to RA-2 through RA-5. Within the corridors associated with these utilities, GE reviewed the existing PCB analytical results from within an approximately 50-foot wide band along these utilities (i.e., samples located within the RAA and within approximately 25 feet from the centerline of the utility). Since there is no requirement in the CD or SOW for sampling at depths greater than 3 feet bgs in these areas and no Performance Standards applicable to such deeper soil, the existing data in these areas are limited to samples collected from the top 3 feet of soil. These data do not fully characterize the utility corridors, since the local gas company estimates that the bottom of these gas lines and associated bedding material is located 4 to 5 feet bgs. Nevertheless, since these are the data that were required to be collected, they have been evaluated.

Based on review of these data, GE identified 4 sample locations with discrete PCB concentrations greater than 200 ppm in any of the individual samples collected within the utility corridor bands (i.e., RA3-SB-9, SL-BH001466, SLB-3BB, and RA-5-SB-2), all of which are located within the recreational areas. In order to meet the applicable Performance Standards for these recreational areas, as discussed above in the respective area-specific sections, all of these locations with discrete PCB concentrations greater than 200 ppm have been proposed for removal. Because there would be no remaining discrete PCB levels greater than 200 ppm located within the utility corridors in question, the associated spatial averages would necessarily be below the 200 ppm comparison criteria for utility corridors.

To further evaluate these corridors, GE has calculated both the existing spatial average PCB concentrations in each of these utility corridors and the remaining spatial average PCB concentrations in each corridor following the proposed removals described in prior sections. The utility corridor evaluations were performed in accordance with the evaluation procedures specified in Section 3.2.1 and are presented in Appendix D. The polygon maps used in these calculations and the spatial averaging tables are included in Appendix D (as Figures D-56 through D-59 and Tables D-111 through D-114, respectively). The results

indicate that, based on the available data, the existing spatial average PCB concentrations are 47.9 ppm in the short utility corridor near the intersection of East Street and Silver Lake Boulevard and 54.81 ppm in the utility corridor along Silver Lake Boulevard (Tables D-111 and D-112), and that the post-remediation spatial average PCB concentrations are 7.56 ppm in the short utility corridor near the intersection of East Street and Silver Lake Boulevard and 4.18 ppm in the utility corridor along Silver Lake Boulevard (Tables D-113 and D-114). The latter, post-remediation average concentrations are far below the 200 ppm comparison criterion.

While these data do not extend to the full depth of the utility corridors, review of these data indicates that the post-remediation averages in the entire utility corridors would not be expected to exceed the 200 ppm trigger for further evaluation. Specifically, given the low post-remediation average concentrations in the top 3 feet (4 to 8 ppm), the data from deeper (i.e., 3- to 5-foot samples) would have to **average** over 400 ppm in order for the overall utility corridor averages to exceed 200 ppm. Based on the existing data, this would not be expected, since the existing average PCB concentrations in these corridors are in the range of around 50 ppm, and the data do not show gradients suggesting that the deeper data would be many times higher as would be necessary for those data to average > 400 ppm. In these circumstances, GE believes that there is no need for additional sampling or evaluation of these utility corridors

4.25 Overall Summary

Based on the foregoing evaluations, the soil removal limits that will be necessary to meet the PCB Performance Standards at the Silver Lake Area are shown on Figures 4-1 through 4-5. Figure 4-6 illustrates the total composite removal across the entire Silver Lake RAA. The following table presents the estimated soil removal volume calculated for each averaging area (if any):

Area	Estimated Soil Removal Volume (cy)
I9-9-1 (bank)	1,015
I9-9-9 (bank)	510
I9-9-9 (non-bank)	260
I9-9-17 (bank)	25
I9-9-18 (bank)	45
I9-9-19 (bank)	70

Area	Estimated Soil Removal Volume (cy)
I9-9-21 and I9-9-22 (bank)	0
I9-9-21 and I9-9-22 (non-bank)	0
I9-9-23 (bank)	0
I9-9-24 (bank)	980
I9-9-25 (bank)	0
I9-9-25 (non-bank)	0
I9-9-30 (bank)	0
I9-9-30 (non-bank)	0
I9-9-31 (bank)	50
I9-9-32 (bank)	115
I9-9-33 (bank)	0
I9-9-34 (bank)	210
I9-9-201 (bank)	40
I9-9-201 (non-bank)	245
I9-10-8 (bank)	1,250
I9-10-8 (non-bank)	655
I9-10-11 (non-bank)	150
Recreational Area RA-1	875
Recreational Area RA-2	45
Recreational Area RA-3	2,650
Recreational Area RA-4	395
Recreational Area RA-5	580
Total:	10,165

As indicated in the above table, the remediation for the Silver Lake Area will involve the excavation of a total of approximately 10,165 cubic yards of soil. As discussed above, the estimated removal limits and volumes presented above do not take account of any remediation that will be implemented to address the lake sediments, including bank soil removals to support the cap/armor layer to be placed around the lake. Such sediment-related removals along the banks may affect the overall soil removal limits and volumes presented above.

5. Preliminary Design Information and Future Design-Related Activities

5.1 General

This section presents preliminary design information for the proposed remediation, describes conceptually the natural resource restoration/enhancement activities to be implemented on the Silver Lake banks, and identifies Applicable or Relevant and Appropriate Requirements (ARARs) for the remediation and associated actions. In addition, this section describes future design-related activities, including development of the final removal limits, final evaluations of the impact of the remediation and associated actions on existing flood storage capacity and plans to meet the ARARs relating to flood storage, and preparation of technical plans and specification and other implementation documents. Finally, this section identifies the anticipated contents of the combined Final RD/RA Work Plan on sediments and soils.

5.2 Preliminary Design Information for Soil Remediation

In general, the remediation activities for soils adjacent to Silver Lake will be implemented in accordance with GE's *Construction Quality Assurance Plan (CQAP)*, which is part of GE's *Project Operations Plan (POP)*; Latest revision – March 2007). The CQAP contains several technical specifications, which will serve as the basis for the performance of the proposed remedial activities for soils adjacent to Silver Lake, with appropriate modifications and/or supplements as necessary.

With respect to soil removal/replacement, GE has conducted numerous remediation actions of similar scope and complexity (including, for example, at the four previously remediated residential properties at the Silver Lake RAA, the banks of the Upper ½-Mile Reach of the Housatonic River, and other RAAs such as Newell Street Area II and Former Oxbow Areas J and K). It is anticipated that similar excavation/construction equipment and methods will be utilized for soil remediation at the properties adjacent to Silver Lake. In addition, in this case, the bank soil removal activities will need to be coordinated with activities relating to installation of a sediment cap in the lake. Additional details relating to these soil removal activities and associated restoration will be provided in the Final RD/RA Work Plan on sediments and soils.

The technical specifications contained in the CQAP relating to soil materials and to topsoil, seeding, and mulch will be followed in the performance of these actions, with modifications and/or supplements as needed, as will be described in the Final RD/RA Work Plan. Further, potential sources of backfill and soil cover material will be identified and characterized in accordance with GE's *Soil Cover/Backfill Characterization Plan*, which is also part of the POP.

5.3 Natural Resource Restoration/Enhancement Activities

In addition to soil remediation to meet the specified Performance Standards, the CD and SOW require implementation of a number of natural resource restoration/enhancement activities at the Silver Lake RAA. These are described in detail in Attachment I to the SOW, as modified by the Eighth Modification of Consent Decree approved by the Court on June 23, 2008. Several of these natural resource restoration/enhancement measures are required to be conducted within Silver Lake. Sediment-specific measures have been described in the Conceptual Sediments Work Plan. Other natural resource restoration/enhancement measures are required to be conducted on the lake banks or near the lake. As set forth in the SOW, these required measures are as follows:

- “Following bank soil removal and slope restoration activities, GE shall plant a line of trees along the recreational portions of the eastern and northern banks (non-privately owned areas), spaced approximately 8 feet apart. GE shall plant an understory community in oblong patches approximately 10 feet wide and 20 feet long along these banks, spaced approximately 50 feet apart, with shrubs within each patch on approximate 4-foot centers.”
- “In addition, as part of the response actions on the remaining banks of the lake, GE shall plant herbaceous species on those banks where response actions are conducted.”
- “In addition to the vegetative enhancement activities, GE shall place engineered structures along the eastern and northern sides (non-privately owned areas) of the lake to enhance recreational use and wildlife observations. These structures shall consist of a walking path around these sides of the lake and two picnic areas on these sides of the lake.”

As presented in the Conceptual Sediments Work Plan, in addition to the sediment-specific measures, GE proposes to undertake the following measures on the lake banks to satisfy the above-referenced Performance Standards:

Walking Path and Picnic Areas

Following the performance of bank soil removal activities and the associated restoration of the banks, a walking path will be built around the eastern and northern sides of the lake, on publicly owned and GE-owned areas and, subject to obtaining access permission (where possible), in the areas owned by private parties other than GE (i.e., PIDC and WMECo). The walking path is anticipated to be approximately 5 feet wide, and will have a final cover of crushed stone. To the extent practicable, the walking path will be smooth graded, and will generally follow the path and elevation of the adjacent Silver Lake Boulevard. In certain

areas, cut and fill activities may be necessary to construct a stable bank and provide sufficient space for the walking path between the top of bank and Silver Lake Boulevard. In these instances, these removal/fill activities would be performed in conjunction with any co-located or adjacent bank soil removal activities required to meet the relevant Performance Standards for the bank soils.

In addition, GE is planning to construct two picnic areas on the northern and eastern sides of the lake. Each picnic area will include 3 wooden picnic tables, and will be located where there is adequate room for placement along the walking path. These picnic areas are anticipated to be constructed adjacent to the lake near the intersection of Silver Lake Boulevard and Fourth Street (subject to obtaining access permission from WMECo, the owner of the bank in this area) and near the intersection of Silver Lake Boulevard and East Street (on land owned by GE).

Bank Plantings

GE will plant trees and shrubs along the eastern and northern sides of the lake as required by Attachment I to the SOW (subject to obtaining the necessary access permission in private non-GE-owned areas), and will plant herbaceous species on the remaining banks where remediation has been conducted or in bank areas that have been disturbed during the performance of remedial activities. At this time, it is anticipated that canopy, shrub, and herbaceous species selected for installation, as well as subsequent monitoring, inspection, and maintenance activities will be similar to those installed in other Pittsfield CD sites (e.g., Upper ½-Mile Reach of the Housatonic River).

GE will provide additional details regarding these natural resource restoration/enhancement measures, as well as those of the sediments, in the Final RD/RA Work Plan. For the measures required to be installed in the recreational areas on the northern and eastern bank areas (which were previously believed to be in public ownership), GE will implement those measures in all areas that are in fact in public ownership or are owned by GE. For portions of these bank areas that are owned by other private parties (as discussed in Section 1.2.2.2), GE will seek access permission from WMECo for installation of the measures on its property and will evaluate potential means to obtain access to the property owned by PIDC (which no longer exists).

The implementation of these restoration/enhancement measures, as well as planting requirements and subsequent monitoring, inspection, and maintenance activities, will be consistent with the requirements specified in Attachment I of the SOW, with any modifications that GE proposes in the Final RD/RA Work Plan for review and approval by EPA and the Natural Resource Trustees.

5.4 Identification of ARARs

The remediation and associated activities to be conducted for Silver Lake soils will be subject to several ARARs. Attachment B to the SOW identifies the chemical-, action-, and location-specific ARARs for the Removal Actions Outside the River. The remediation and restoration activities for Silver Lake RAA soils will be subject to the following ARARs identified in Attachment B to the SOW: (a) the action-specific ARARs identified in Table 2, subsection B (“Soil Removal”), subsection E (“Bank Soil Removal at Silver Lake”), subsection G (“Natural Resource Restoration/Enhancement Activities”), and potentially subsection K (“Other”); and (b) the location-specific ARARs identified in Table 3, subsection B (“Floodplains, Wetlands, and Banks”) and potentially subsection A (“Rivers, Streams, and Lakes”) to the extent pertinent to the soil remediation work at this RAA. Further, to the extent that remediation activities involve the removal and on-site storage (at the GE Plant Area) of free product, intact drums, and/or other materials that will be subsequently disposed of off-site, the ARARs identified in Table 2, subsection H (“Temporary On-Site Storage of Free Product, Drums, and Equipment That Will Be Disposed of Off-Site”) of Attachment B to the SOW will apply to such storage. In addition, in the unlikely event that any excavated materials would be consolidated at any of GE’s On-Plant Consolidation Areas (OPCAs) (if available), such consolidation would be subject to the pertinent ARARs set forth in Table 1 of the Detailed Work Plan for OPCAs.

These ARARs will be considered and incorporated in the final design of this Removal Action, as set forth in the Final RD/RA Work Plan. However, in accordance with EPA’s September 23, 2008 conditional approval letter, a discussion of the conceptual approach for meeting the ARARs relating to flood storage compensation is provided in Section 5.5.2 below.

5.5 Future Design-Related Activities

This Revised Conceptual Work Plan has preliminarily identified soil areas and depths subject to remediation within the Silver Lake RAA. Based on this information, GE will proceed with detailed and final design activities to support the performance of these remediation actions. Specifically, as part of the final design activities, GE will develop final plans related to soil removal/replacement. It is anticipated that these final plans will take into account and be coordinated with GE’s plans for installation of a sediment cap within and around the perimeter of the lake. Further, GE will prepare technical drawings and specifications for such activities and develop ancillary information related to project implementation. These activities will be conducted in the course of preparing the Final RD/RA Work Plan and are discussed further below.

5.5.1 Final Removal Limits

As part of final design activities to be presented in the Final RD/RA Work Plan, GE will develop the final spatial extent and depth of the soil removal to be performed to achieve applicable Performance Standards. This will include further consideration of removing discrete samples that had PCB concentrations greater than 50 ppm in the top foot at recreational areas or at any depth at residential properties and that would not be addressed by the proposed soil removals to achieve the Performance Standards or the bank soil removals to support installation of the sediment cap and associated armor stone. Development of the final soil removal limits will also take into account, if necessary, the results of the final utility corridor assessments related to outfalls (as described in Section 4.24) and any soil removals associated with the natural resource restoration/enhancement measures.

In preparing the evaluations and calculated removal volumes presented herein, GE considered the planar surface area of the respective Thiessen polygons and the associated depth of the sample associated with each polygon as measured vertically from the existing sample-location-specific surface elevation and grades. However, at certain sediment sites (e.g., Upper ½-Mile Reach, Silver Lake pilot study), bank soil excavations up to three feet in depth were performed perpendicular to the bank slope. In consideration of this fact, as well as EPA's comments in its September 23, 2008 letter, GE proposes that, for the excavation of bank soils adjacent to Silver Lake, excavations up to three feet in depth will be made perpendicular to the bank slope. However, because of concerns related to constructability and unnecessary overexcavation, this is not a practical approach for deeper excavations (i.e., 3 to 15 feet). As such, GE proposes that deeper excavations (within the limits of respective polygons) be made to the sample-location-specific depths, with actual discrete removal depths measured vertically from the existing surface grades and elevations across the entire face of the polygon. Thus, for removals greater than 3 feet in depth, the bottom limits of the excavation will generally follow the slope of the existing surface grades. Typical cross-sections illustrating this approach for various removal locations, bank slopes, and removal depths are provided on Figure 5-1.

In developing these final removal limits, constructability issues and/or site- and location-specific obstacles that have not previously been identified (e.g., abandoned concrete works) may necessitate adjustments to the proposed soil removal limits and associated excavation depths. Moreover, final soil removal depths and elevations will take into account the bank soil removals anticipated to be performed as part of the installation of a sediment cap with armor stone around the perimeter of the lake.

In addition, as part of final design activities, GE will perform a detailed metes and bounds survey to ensure that appropriate soil removal activities are performed on the appropriate properties.

Finally, as indicated by review of the removal limits shown on Figures 4-1 through 4-6, the maximum depth of the planned excavations is 15 feet bgs. Therefore, the stability of certain excavations may require additional engineering controls (e.g., benching, side-wall support) to ensure the stability of the excavation sidewalls prior to backfilling. These controls will also be described in the Final RD/RA Work Plan.

5.5.2 Impacts on Flood Storage Capacity

In accordance with the pertinent ARARs relating to evaluating the impacts of a project on existing flood storage capacity of the floodplain and providing flood storage compensation where necessary, GE will evaluate the cumulative effects of (a) the bank soil removal and replacement activities, (b) placement of a sediment cap and associated armor stone, and (c) the installation of the natural resource restoration/enhancement measures on the existing flood storage capacity of the floodplain around Silver Lake. At this time, the approach to these activities, particularly the potential soil removal and extent of armor stone placement associated with installation of the sediment cap, as proposed in the Conceptual Sediments Work Plan, has not yet been approved by EPA. As such, any discussion related to potential flood storage issues is preliminary and conceptual in nature. Nonetheless, as a conceptual matter, GE will endeavor to perform these activities such that, to the extent practicable, there will be no significant net loss of flood storage capacity. Specifically, the following represents the conceptual approach to maintaining existing flood storage capacity:

- As discussed herein, bank soil removal and backfill activities associated with achieving the soil-related Performance Standards are generally anticipated to be performed such that affected areas are returned to existing grades.
- In those areas where bank soil removal and backfill is coincident, or overlaps, with those areas anticipated for armor stone installation, removal activities will be performed prior to and/or during cap placement activities such that, to the extent practicable, the armor stone will be able to be placed within the existing excavation to the required thickness and elevation without affecting the related existing grades.
- In those areas where there is no bank soil removal necessary for achievement of Performance Standards, material removal and armor stone placement will, to the extent practicable, be performed such that affected areas are returned to existing grades.
- At this time, implementation of the walking path and picnic areas along the top of bank adjacent to the recreational areas is not expected to require significant excavation or fill measures to address slope stability or other constructability issues.

In the event that any of the above-referenced activities (e.g., regrading of banks or fill placement to promote slope stability) causes a net loss of flood storage capacity, compensatory measures will be implemented in nearby areas at the same or lower elevations to offset any such losses. Note that in the event that recontouring of banks is necessary, GE will propose measures such that post-remediation grades continue to achieve applicable Performance Standards and maintain protectiveness. Final details related to the coordination of the cumulative remedial activities proposed for Silver Lake and their impact on flood storage capacity will be included in the forthcoming Final RD/RA Work Plan.

5.5.3 Technical Plans and Specifications

To address soil removal/replacement activities for soils adjacent to Silver Lake, technical plans and specifications will be developed as a component of the Final RD/RA Work Plan. These plans and specifications will define the acceptable construction materials and equipment to be used in these actions, as well as specific procedures to be used and expected performance of the Remediation Contractor. As discussed in Section 5.2, those plans and specifications will be based, to the extent relevant, on the technical specifications provided in the CQAP, with modifications and/or supplements as necessary or appropriate.

5.5.4 Implementation Planning

The plans contained in GE's POP describe the minimum requirements, general activities, protocols, and methodologies that are applicable to the Removal Actions Outside the River. While the contents of the POP provide information and details sufficient to support various aspects of the remediation and restoration actions, there are several instances where the POP requires more site-specific information. Several such items are listed below and will be incorporated in the final technical design or otherwise addressed in the Final RD/RA Work Plan or a subsequent Supplemental Information Package that is submitted after selection of the Remediation Contractor:

- Locations and scope of ambient air monitoring activities during construction activities;
- Evaluation of materials subject to disposition, in accordance with the *Waste Characterization Plan* (part of the POP);
- Identification of the specific locations, plants, and other materials for the natural resource restoration/enhancement measures, as well as the methods for implementation of those measures; and
- Organizations, roles, and responsibilities involved in construction quality assurance.

- Contractor Health and Safety Plan;
- Contractor Contingency and Emergency Procedures Plan; and
- Identification of backfill material and soil cover sources.

5.6 Contents of Final RD/RA Work Plan

As discussed in Section 6, following EPA approval of this Revised Conceptual Work Plan, GE will submit a Final RD/RA Work Plan which will include a detailed description regarding design and implementation of the proposed remediation activities for both sediments and soils. That plan will also include the following information:

- Results and discussion of the metes and bounds survey described in Section 5.5.1;
- Final utility corridor analyses related to outfalls, as described in Section 4.24;
- Final limits and depths for the soil removals, as described in Section 5.5.1;
- Detailed design of the soil removal/replacement activities;
- Plans for how the soil remediation activities will be coordinated with the sediment remediation activities, particularly with regard to the coordination of the bank soil removals described herein with the bank soil removals necessary to facilitate installation of the sediment cap and any associated armor stone on the lake banks;
- An assessment of the potential for the occurrence of non-aqueous-phase liquid (NAPL) releases or sheens during remediation, and an associated NAPL contingency plan to be implemented during construction;
- Discussion of specific measures to be implemented during the course of the proposed removal activities to provide sedimentation and turbidity controls associated with the lake and the Housatonic River;
- Details regarding the implementation of the natural resource restoration/enhancement measures to be conducted at the Silver Lake RAA (including the status of any access issues);
- Specific calculations regarding the impact of the soil and sediment remediation activities, as well as the natural resource restoration/enhancement items, on flood storage capacity (and any flood storage compensation required);

- Description of other implementation details concerning performance of these actions, including the items described in Section 5.5.4;
- Description, as necessary, of the procedures to be implemented to ensure attainment of the ARARs (identified in Section 5.4);
- Identification of the Removal Action team, including key personnel, roles and responsibilities, and lines of authority;
- Proposed implementation schedule;
- Any necessary updates or supplements to the CQAP;
- Post-Removal Site Control Plan or summary of anticipated Post-Removal Site Control activities following completion of the Removal Action;
- A monitoring, inspection, and maintenance plan for the natural resource restoration/enhancement measures, to be conducted following construction; and
- Summary of project closeout requirements.

6. Schedule

As discussed above, to ensure coordination of the sediment and soil remediation activities, GE will submit a single Final RD/RA Work Plan addressing both sediments and soils. GE proposes to complete the remaining design-related activities and submit that Final Work RD/RA Plan within 5 months of the later of: (a) EPA's approval of this Revised Conceptual Work Plan; or (b) EPA's approval of the Conceptual Sediments Work Plan.

Upon EPA's approval of the Final RD/RA Work Plan, GE will develop a Request for Proposal (RFP) that provides the Technical Drawings and Technical Specifications for performance of the remediation and restoration activities. GE will provide, in the Final RD/RA Work Plan, an anticipated schedule for selection of a Remediation Contractor, submittal of a Supplemental Information Package, and performance of the remediation work for both the sediments in Silver Lake and the soils in areas adjacent to the lake.

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Tables

**TABLE 1
SUMMARY OF 2008 PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-1-SB-5-N-SW 0-1 05/14/08	I9-9-1-SB-5-N-SW 1-3 05/14/08	I9-9-1-SB-5-N-SW 3-5 05/14/08	I9-9-9-SB-2-S 7-9 05/19/08
Semivolatile Organics						
3&4-Methylphenol		270	NA	NA	NA	0.16 J
Acenaphthene		2600	NA	NA	NA	0.27 J
Acenaphthylene		55	NA	NA	NA	0.24 J
Anthracene		14000	NA	NA	NA	0.54
Benzo(a)anthracene		0.56	NA	NA	NA	1.6
Benzo(a)pyrene		0.056	NA	NA	NA	1.7
Benzo(b)fluoranthene		0.56	NA	NA	NA	1.8 J
Benzo(g,h,i)perylene		55	NA	NA	NA	0.76 J
Benzo(k)fluoranthene		5.6	NA	NA	NA	0.83 J
Chrysene		56	NA	NA	NA	1.6
Dibenzofuran		210	NA	NA	NA	0.11 J
Fluoranthene		2000	NA	NA	NA	3.5
Fluorene		1800	NA	NA	NA	0.19 J
Indeno(1,2,3-cd)pyrene		0.56	NA	NA	NA	0.72
Naphthalene		55	NA	NA	NA	0.20 J
Phenanthrene		55	NA	NA	NA	1.7
Pyrene		1500	NA	NA	NA	3.4
Inorganics						
Lead		400	1080	379	153 [153]	1510

**TABLE 1
SUMMARY OF 2008 PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-SB-3-S 1-3 05/14/08	I9-9-SB-3-SS 1-3 07/15/08	I9-9-SB-9 7-9 07/15/08	I9-10-8-SB-4 3-5 05/14/08
Semivolatile Organics						
3&4-Methylphenol		270	NA	NA	NA	NA
Acenaphthene		2600	NA	NA	NA	NA
Acenaphthylene		55	NA	NA	NA	NA
Anthracene		14000	NA	NA	NA	NA
Benzo(a)anthracene		0.56	NA	NA	NA	NA
Benzo(a)pyrene		0.056	NA	NA	NA	NA
Benzo(b)fluoranthene		0.56	NA	NA	NA	NA
Benzo(g,h,i)perylene		55	NA	NA	NA	NA
Benzo(k)fluoranthene		5.6	NA	NA	NA	NA
Chrysene		56	NA	NA	NA	NA
Dibenzofuran		210	NA	NA	NA	NA
Fluoranthene		2000	NA	NA	NA	NA
Fluorene		1800	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	NA	NA	NA	NA
Naphthalene		55	NA	NA	NA	NA
Phenanthrene		55	NA	NA	NA	NA
Pyrene		1500	NA	NA	NA	NA
Inorganics						
Lead		400	9410	406	308	656

**TABLE 1
SUMMARY OF 2008 PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-10-8-SB-18 0-1 05/14/08	SLB-1BB-W 1-3 05/14/08	SLB-1BB-WW 1-3 05/14/08
Semivolatile Organics					
3&4-Methylphenol		270	NA	NA	NA
Acenaphthene		2600	NA	NA	NA
Acenaphthylene		55	NA	NA	NA
Anthracene		14000	NA	NA	NA
Benzo(a)anthracene		0.56	NA	NA	NA
Benzo(a)pyrene		0.056	NA	NA	NA
Benzo(b)fluoranthene		0.56	NA	NA	NA
Benzo(g,h,i)perylene		55	NA	NA	NA
Benzo(k)fluoranthene		5.6	NA	NA	NA
Chrysene		56	NA	NA	NA
Dibenzofuran		210	NA	NA	NA
Fluoranthene		2000	NA	NA	NA
Fluorene		1800	NA	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	NA	NA	NA
Naphthalene		55	NA	NA	NA
Phenanthrene		55	NA	NA	NA
Pyrene		1500	NA	NA	NA
Inorganics					
Lead		400	1060	1270	373 J

**TABLE 1
SUMMARY OF 2008 PRE-DESIGN APPENDIX IX+3 SOIL DATA**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors and submitted for analysis of semivolatiles and lead.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS (approved March 15, 2007 and re-submitted March 30, 2007).
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. Shading indicates that value exceeds the EPA Region 9 Residential s PRG.

Data Qualifiers:

Organics (semivolatiles)

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
PROPOSED "X" VALUES FOR CONCEPTUAL RD/RA EVALUATIONS**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

PARCEL ID	PROPOSED "X" DEPTH FOR RD/RA EVALUATION (ft. bgs)	SUPPORTING RATIONALE
I9-9-1 (bank)	8	<p>Sample results within the 6- to 8-foot depth increment range from non-detect to 16 ppm (estimated value).</p> <p>Three PCB analytical results exist below 8 feet within this evaluation area. PCBs were detected in one of those samples at a concentration of 0.043 ppm (estimated value) in a sample collected from the 7- to 9-foot depth increment at location I9-9-1-SB-2. GE does not believe that this result warrants extending "X" below 8 feet.</p>
I9-9-9 (bank)	9	<p>PCBs were detected at 45 ppm (estimated value) within the 7- to 9-foot depth increment at one of the two boring locations. PCBs were detected at 0.073 ppm (estimated value) in samples collected from the 9- to 11-foot depth increment at these two locations. GE does not believe that these results warrant extending "X" below 9 feet.</p>
I9-9-9 (non-bank)	11	<p>All three soil boring locations extend to a depth of at least 11 feet. Sample results within the 9- to 11-foot depth increment range from non-detect to 1.23 ppm (estimated value).</p> <p>PCBs were not detected below a depth of 11</p>
I9-9-18 (bank)	3	<p>PCBs were detected at 33 ppm within the 1- to 3-foot depth increment at one of the two boring locations. PCBs were detected at 0.046 ppm in a sample collected from the 3- to 5-foot depth increment at the same location. GE does not believe that these results warrant extending "X" below 3 feet.</p>
I9-9-19 (bank)	3	<p>All three soil boring locations extend to a depth of at least 5 feet. Sample results within the 1- to 3-foot depth increment range from 0.152 ppm to 0.40 ppm (0.48 ppm in duplicate analysis).</p> <p>PCBs were not detected below a depth of 3 feet.</p>
I9-9-23	3	<p>All three soil boring locations extend to a depth of 3 feet. Sample results within the 1- to 3-foot depth increment range from 0.25 ppm to 0.35 ppm.</p>
I9-9-24	15	<p>Six of the seven soil boring locations extend to a depth of 15 feet. Sample results within the 13- to 15-foot depth increment range from non-detect to 620 ppm.</p>
I9-9-30 (bank)	3	<p>All four soil boring locations extend to a depth of 3 feet. Sample results within the 1- to 3-foot depth increment range from 0.61 ppm to 1.28 ppm.</p>

**TABLE 2
PROPOSED "X" VALUES FOR CONCEPTUAL RD/RA EVALUATIONS**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

PARCEL ID	PROPOSED "X" DEPTH FOR RD/RA EVALUATION (ft. bgs)	SUPPORTING RATIONALE
I9-9-30 (non-bank)	6	<p>Three of four soil boring locations extend to a depth of 10 feet. The sample results from within the 3- to 6-foot depth increment range from non-detect to 0.78.</p> <p>PCBs were not detected below a depth of 6 feet.</p>
I9-9-31	3	<p>All three soil boring locations extend to a depth of 3 feet. Sample results within the 1- to 3-foot depth increment range from 0.166 ppm to 0.46 ppm.</p>
I9-10-8 (bank)	9	<p>Nine of sixteen soil boring locations extend to a depth of at least 8 feet. Sample results within the 7- to 9-foot depth increment range from non-detect to 0.154 ppm.</p> <p>One PCB analytical result exists below 9 feet within this evaluation area. PCBs were detected at a concentration of 0.060 ppm (estimated value), collected from the 9- to 11-foot depth increment at location I9-10-8-SB-9. GE does not believe that this result warrants extending "X" below 9 feet.</p>
I9-10-8 (non-bank)	11	<p>Two of seventeen soil boring locations (i.e., locations sampled deeper than 1 foot) extend to a depth of at least 11 feet. Sample results within the 9- to 11-foot depth increment range from non-detect to 2.76 ppm.</p> <p>Two PCB analytical results exist below 11 feet within this evaluation area. PCBs were detected at a concentration of 0.515 ppm in the 11- to 13-foot depth interval at location I9-10-8-SB-12. PCBs were non-detect in the 13- to 15-foot depth interval at this same location. GE does not believe that these results warrant extending "X" below 11 feet.</p>
I9-10-11 (non-bank)	9	<p>Of the three soil boring locations, only one extends to a depth deeper than 8 feet. Sample results within the 6- to 8-foot and 7- to 9-foot depth increments ranged from non-detect to 0.99 ppm (estimated value).</p> <p>Only one PCB analytical result exists deeper than 9 feet, with a result of 0.078 ppm (estimated value). GE does not believe that this result warrants extending "X" below 9 feet.</p>












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Figures

CITY: SYRACUSE GROUP: ENV-141 DB: DMW PGL KEW LD: DMW PM: T. CRIDGE TR: T. LEEMHUIS LVR: ON+OFF-REF (FRZ)
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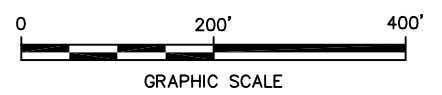


LEGEND:

-  MEAN WATER SURFACE ELEVATION (975.9) (APPROXIMATE)
-  PROPERTY BOUNDARY
-  BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
-  19-9-201 PROPERTY ID
-  LIMIT OF SILVER LAKE SOILS RAA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
-  COMMERCIAL PROPERTY
-  BANK PORTIONS OF COMMERCIAL PROPERTIES
-  RESIDENTIAL PROPERTY
-  BANK PORTIONS OF RESIDENTIAL PROPERTIES
-  PROPERTY ADDRESSED AS PART OF ADMINISTRATIVE CONSENT ORDER WITH MDEP
-  RECREATIONAL AVERAGING AREAS

NOTES:

1. BASE MAP MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. GE1104-CX101, REV C, DATED 9/26/06.
2. THE APPROXIMATE MEAN WATER ELEVATION BASED ON HILL TOPOGRAPHIC SURVEY AND OCEAN SURVEYS, INC. BATHYMETRIC SURVEY (JUNE 2003).



GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

SITE PLAN


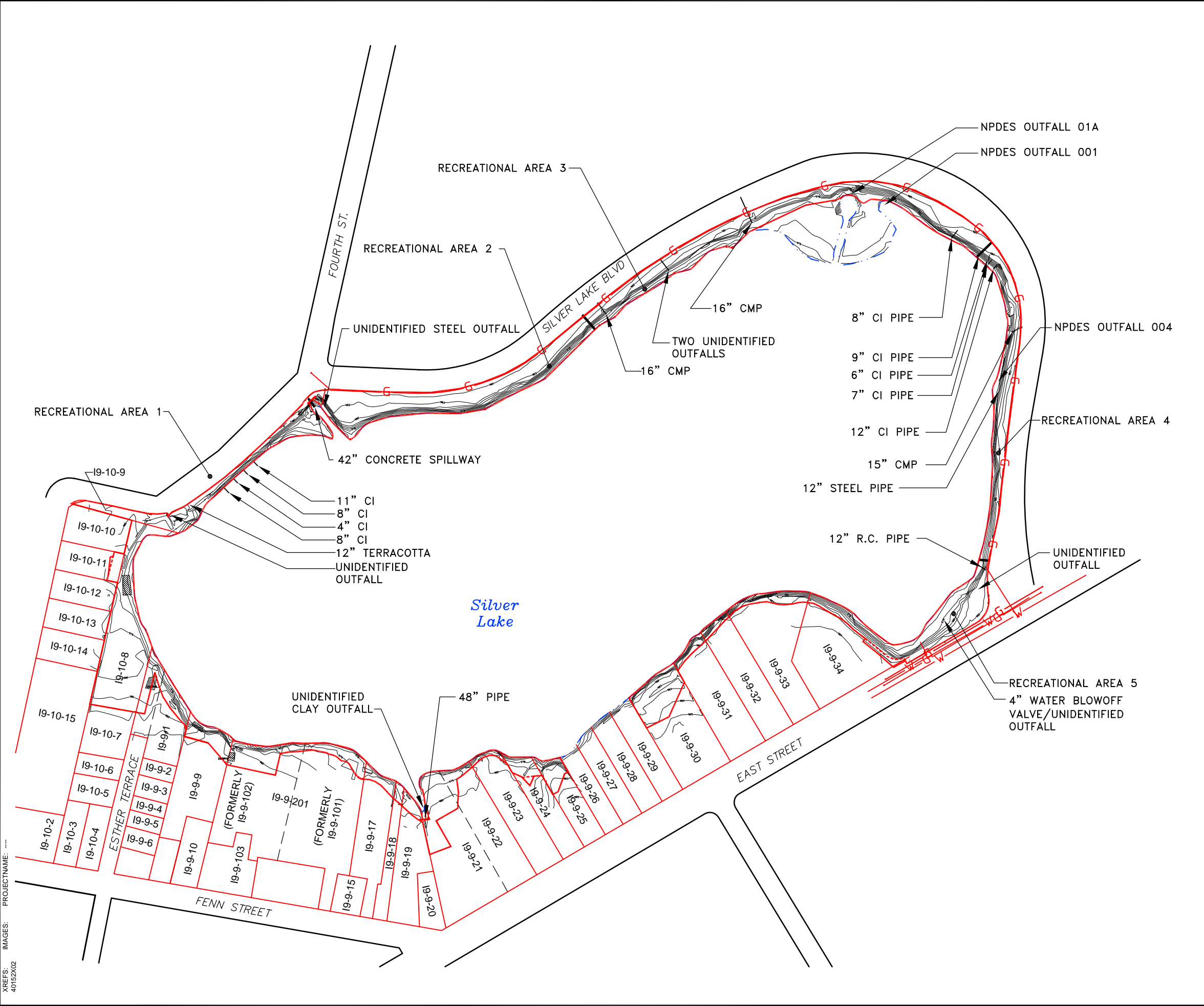


FIGURE
1-2

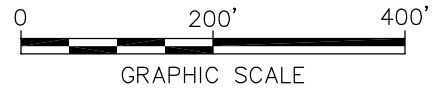
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LEGEND

	APPROXIMATE MEAN WATER SURFACE ELEV. (975.9)
	PROPERTY BOUNDARY
	BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
	PROPERTY ID
	LIMIT OF SILVER LAKE SOILS RAA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
	GAS LINE
	MUNICIPAL WATER LINE

- NOTES:**
1. BASEMAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008.
 2. THE APPROXIMATE MEAN WATER ELEVATION BASED ON HILL TOPOGRAPHIC SURVEY AND OCEAN SURVEYS, INC. BATHYMETRIC SURVEY (JUNE 2003).
 3. UTILITIES IDENTIFIED ON THIS MAP BASED ON DISCUSSIONS WITH CITY OF PITTSFIELD, HISTORIC GE MAPPING, MISCELLANEOUS FIELD RECONNAISSANCE, THE 2006 AND 2008 HILL SURVEYS, AND INFORMATION PROVIDED BY EPA IN 2008. LOCATIONS ARE APPROXIMATE.



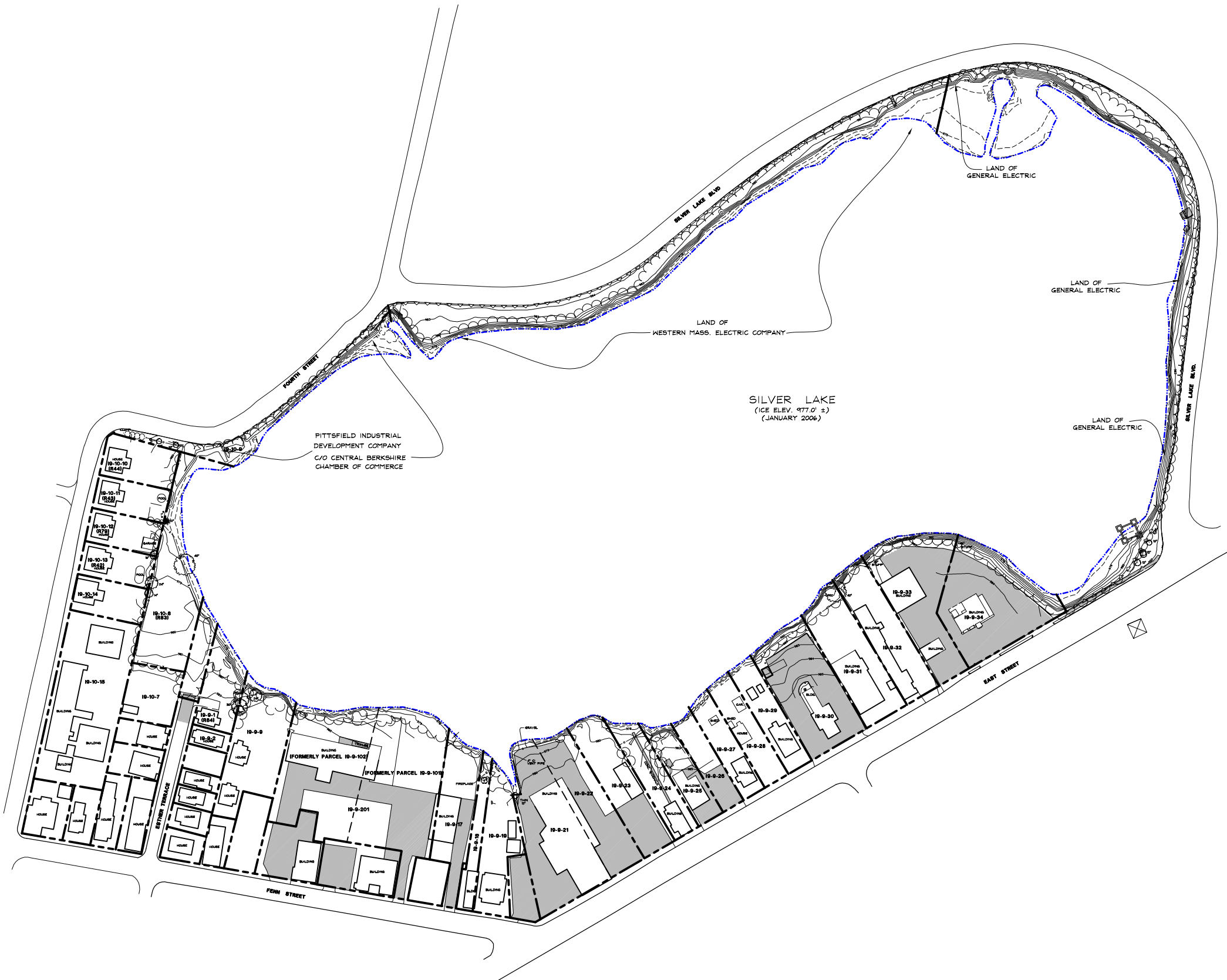
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
FOR SOILS ADJACENT TO SILVER LAKE**

SUMMARY OF SILVER LAKE UTILITIES

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FIGURE
1-3

CITY: SYRACUSE, NY GROUP: ENV-141 DB: DMW KLS KEW LDDMW PIC: P. KEARNEY PM: T. CRIDGE TM: J. DENKENBERGER LVR: ON-OFF-REF (FRZ)
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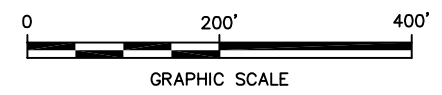


LEGEND:

- APPROXIMATE PROPERTY LINE
- - - BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 10-9-32 PROPERTY ID
- - - SURFACE ELEVATION (1-FT CONTOUR)
- MEAN WATER ELEV. (975.9) (APPROX.)

NOTES:

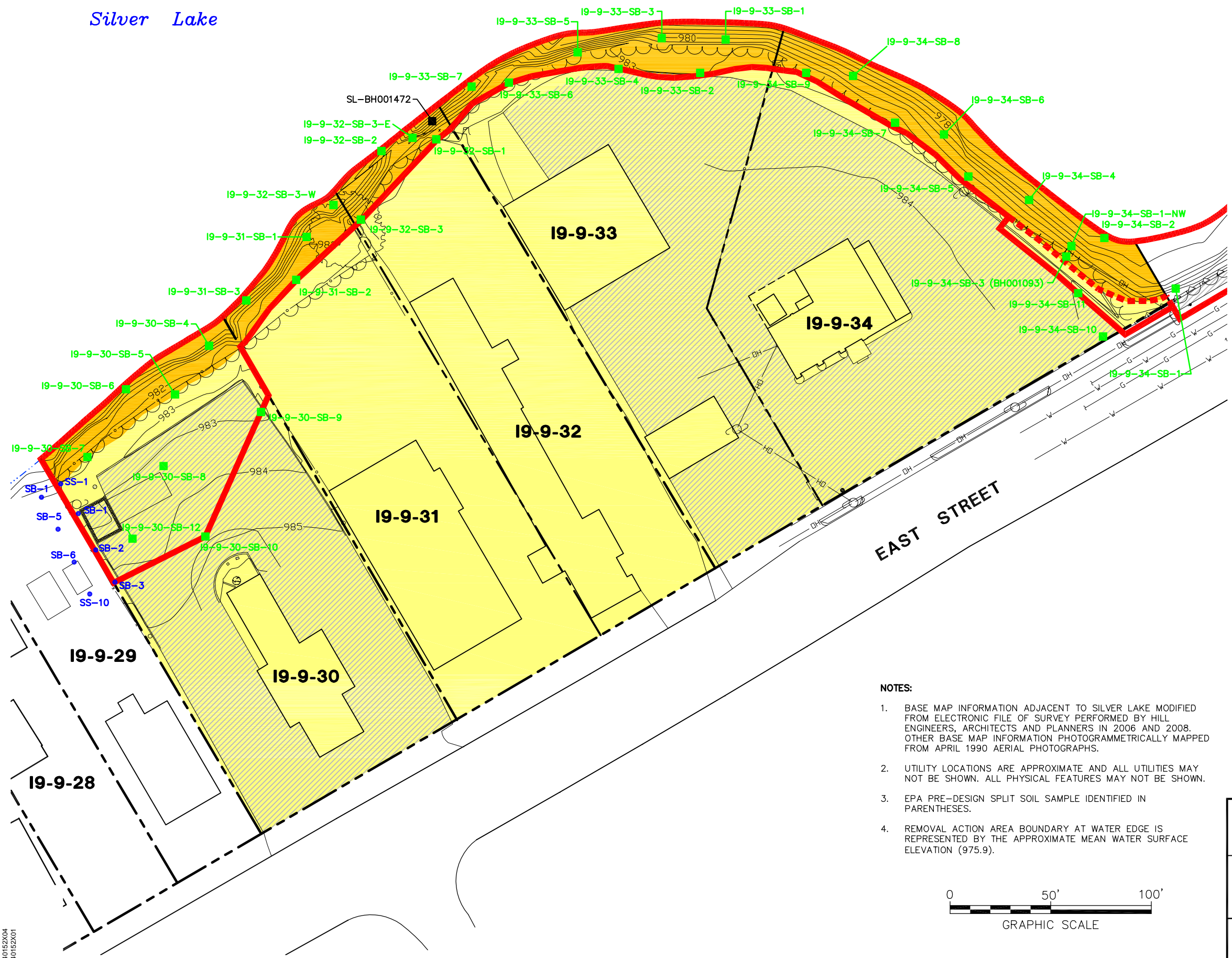
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN. ALL PHYSICAL FEATURES MAY NOT BE SHOWN.
3. PROPERTY OWNERSHIP INFORMATION BASED ON TAX MAPS PROVIDED BY CITY OF PITTSFIELD, THE RESULTS OF THE 09/26/06 HILL SURVEY, AND DISCUSSIONS WITH EPA AND THE RESPECTIVE IDENTIFIED PROPERTY OWNERS.



GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE	
SUMMARY OF RECREATIONAL AREA OWNERSHIP	
	FIGURE 1-4

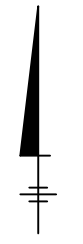
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Silver Lake

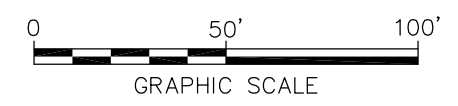


LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- 19-9-30** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- GUARDRAIL
- WOODEN FENCE
- WIRE FENCE
- CHAIN LINK FENCE
- DECIDUOUS TREE
- UTILITY POLE
- OVERHEAD ELECTRIC
- GAS LINE
- WATER LINE
- COMMERCIAL PROPERTY
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- PAVED AREAS
- HISTORICAL (PRE-2003) SOIL SAMPLE LOCATION
- PRE-DESIGN (PRE-2008) SOIL SAMPLE LOCATION
- EPA (2008) SOIL SAMPLE LOCATION
- MEAN WATER SURFACE ELEVATION (975.9) (APPROXIMATE)



- NOTES:
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN. ALL PHYSICAL FEATURES MAY NOT BE SHOWN.
 3. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.
 4. REMOVAL ACTION AREA BOUNDARY AT WATER EDGE IS REPRESENTED BY THE APPROXIMATE MEAN WATER SURFACE ELEVATION (975.9).

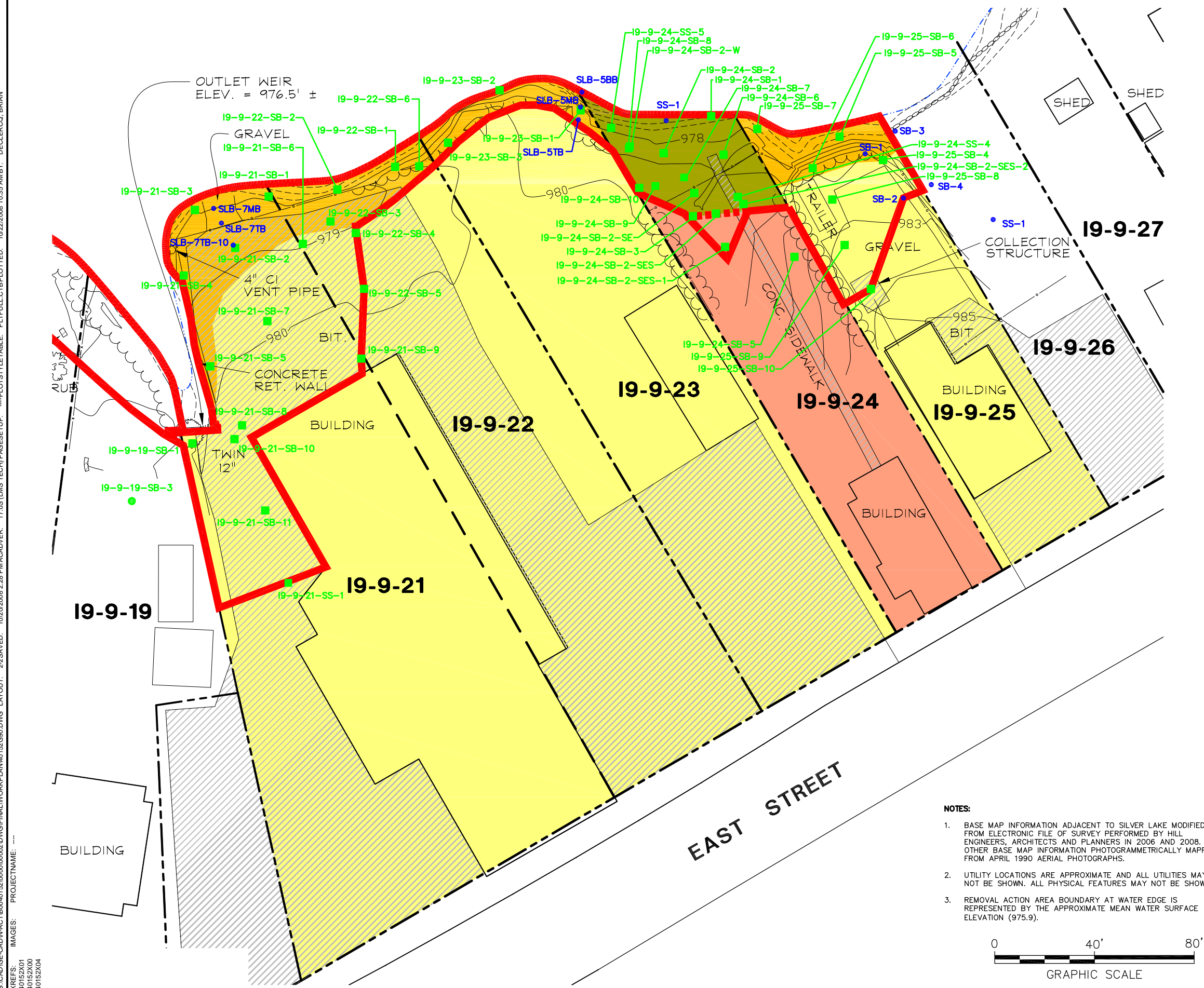


GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**SOIL SAMPLE LOCATIONS
 (PARCELS 19-9-30, -31,
 -32, -33, AND -34)**

FIGURE
2-1

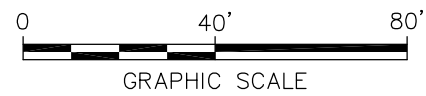
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- LEGEND:**
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
 - - - APPROXIMATE PROPERTY LINE
 - - - BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
 - 19-9-23** PROPERTY ID
 - 980— SURFACE ELEVATION (1-FT CONTOUR)
 - ~ ~ ~ EDGE OF BUSHES
 - x - x - WIRE FENCE
 - o - o - CHAIN LINK FENCE
 - - - - - RETAINING WALL
 - DECIDUOUS TREE
 - BANK PORTIONS OF COMMERCIAL PROPERTIES
 - BANK PORTIONS OF RESIDENTIAL PROPERTY
 - RESIDENTIAL PROPERTY
 - COMMERCIAL PROPERTIES
 - ▨ PAVED AREAS
 - HISTORICAL (PRE-2003) SOIL SAMPLE LOCATION
 - PRE-DESIGN (PRE-2008) SOIL SAMPLE LOCATION
 - - - - - MEAN WATER SURFACE ELEVATION (975.9) (APPROXIMATE)



- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN. ALL PHYSICAL FEATURES MAY NOT BE SHOWN.
 3. REMOVAL ACTION AREA BOUNDARY AT WATER EDGE IS REPRESENTED BY THE APPROXIMATE MEAN WATER SURFACE ELEVATION (975.9).



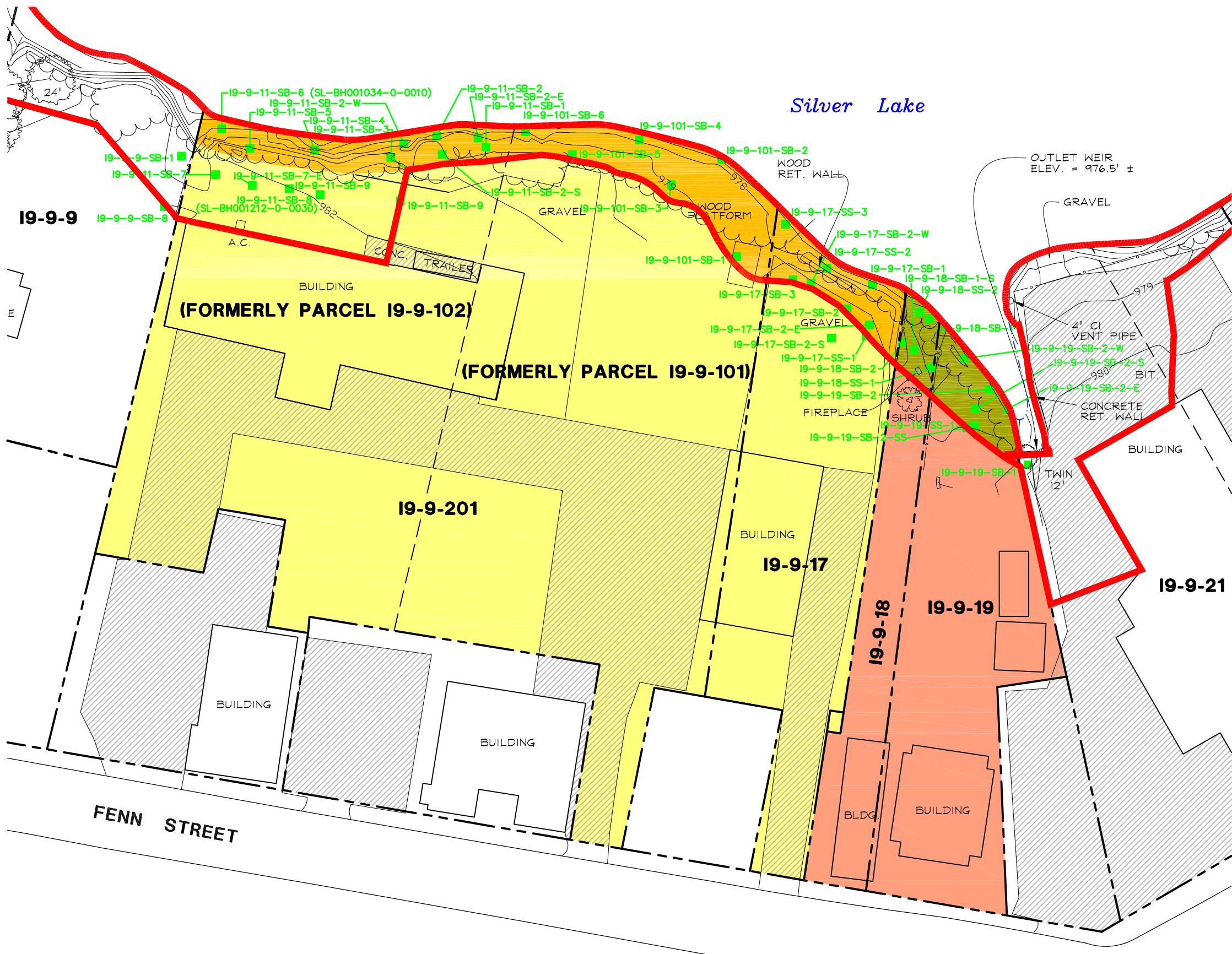
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**SOIL SAMPLE LOCATIONS
 (PARCELS 19-9-21, -22, -23,
 -24, AND -25)**

ARCADIS

FIGURE
2-2

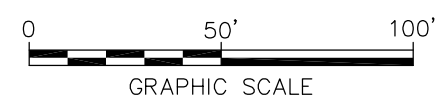
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 XREFS: 40152X01 40152X00 40152X05
 IMAGES: PROJECTNAME: ...



LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- - - APPROXIMATE PROPERTY LINE
- - - APPROXIMATE FORMER PROPERTY LINE
- 19-9-17** PROPERTY ID
- 978 — SURFACE ELEVATION (1-FT CONTOUR)
- ~~~~~ EDGE OF BUSHES
- x — WIRE FENCE
- o — CHAIN LINK FENCE
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- COMMERCIAL PROPERTY
- RESIDENTIAL PROPERTY
- ▨ PAVED AREAS
- PRE-DESIGN (PRE-2008) SOIL SAMPLE LOCATION
- 975.9 — MEAN WATER SURFACE ELEVATION (975.9) (APPROXIMATE)

- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN. ALL PHYSICAL FEATURES MAY NOT BE SHOWN.
 3. PRE-DESIGN SAMPLES (2003, 2004, AND/OR 2005) FROM PARCEL 19-9-19 WERE COLLECTED BY EPA REPRESENTATIVES AND PROCESSED BY GE REPRESENTATIVES.
 4. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.
 5. REMOVAL ACTION AREA BOUNDARY AT WATER EDGE IS REPRESENTED BY THE APPROXIMATE MEAN WATER SURFACE ELEVATION (975.9).



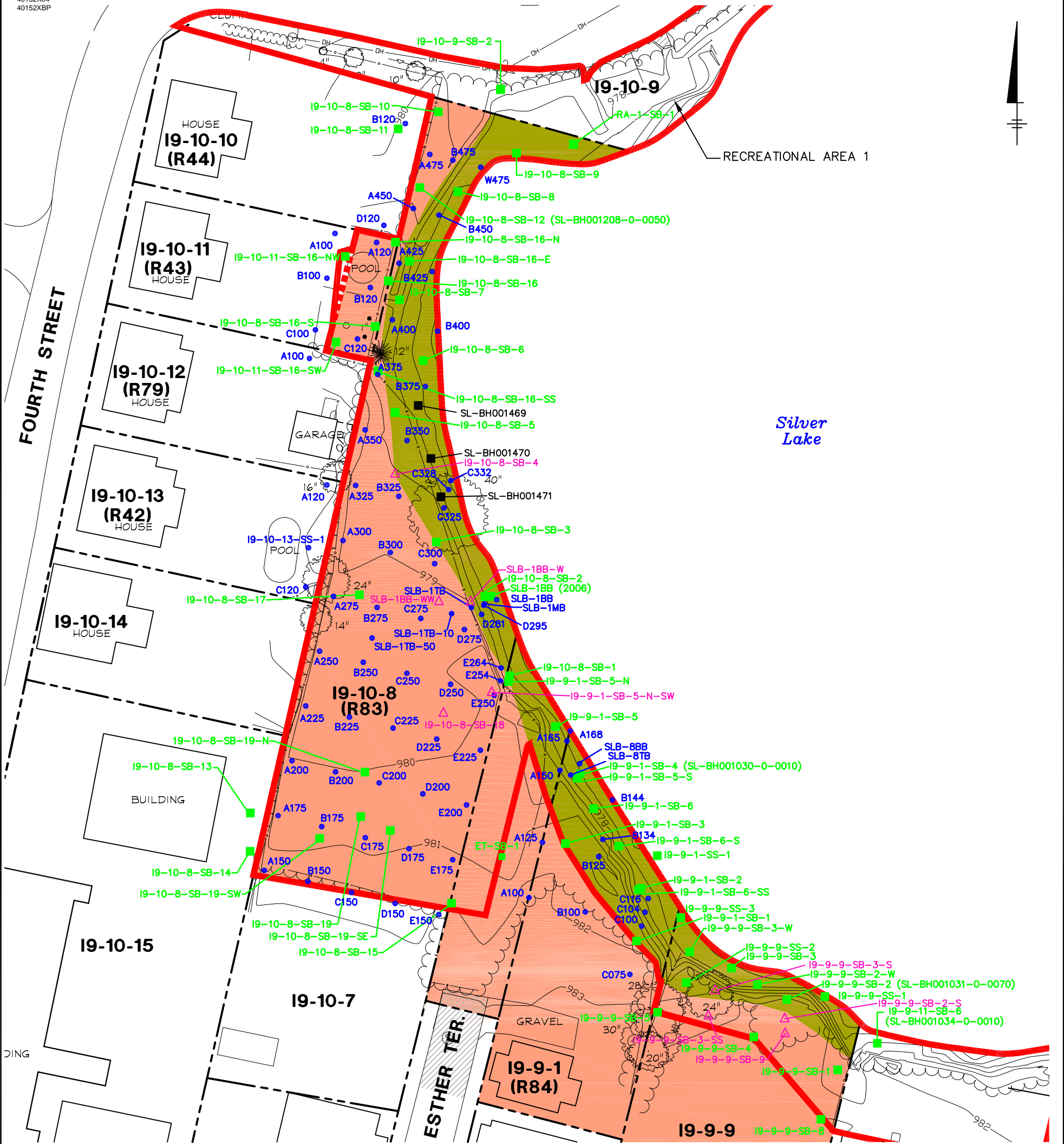
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**SOIL SAMPLE LOCATIONS
 (PARCELS 19-9-201, -17, -18, AND -19)**

ARCADIS

FIGURE
2-3

XREFS: IMAGES: PROJECTNAME: ---
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 40152X04
 40152XBP

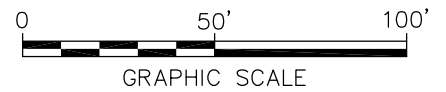


LEGEND:

- | | | | |
|----------------------|--|--|--|
| | APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY) | | PAVED AREAS |
| | APPROXIMATE PROPERTY LINE | | RESIDENTIAL PROPERTY |
| 19-10-8 (R83) | PROPERTY ID
EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER | | BANK PORTIONS OF RESIDENTIAL PROPERTIES |
| | 980 SURFACE ELEVATION (1-FT CONTOUR) | | HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION |
| | EDGE OF BUSHES | | PRE-DESIGN (PRE-2008) SOIL SAMPLE LOCATION |
| | GUARDRAIL | | EPA (2008) SOIL SAMPLE LOCATION |
| | WOODEN FENCE | | GE (2008) SOIL SAMPLE LOCATION |
| | WIRE FENCE | | |
| | CHAIN LINK FENCE | | |
| | DECIDUOUS TREE | | |
| | CONIFEROUS TREE | | |
| | OVERHEAD WIRES | | |
| | UTILITY POLE | | |
| | SIGN | | |

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS. SOME PROPERTY LINES ALONG ESTHER TERRACE FROM CITY OF PITTSFIELD TAX MAPS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN. ALL PHYSICAL FEATURES MAY NOT BE SHOWN.
3. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.
4. REMOVAL ACTION AREA BOUNDARY AT WATER EDGE IS REPRESENTED BY THE APPROXIMATE MEAN SURFACE WATER ELEVATION (975.9).



GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**SOIL SAMPLE LOCATIONS
 (PARCELS 19-9-1 & -9, 19-10-8, & -11)**

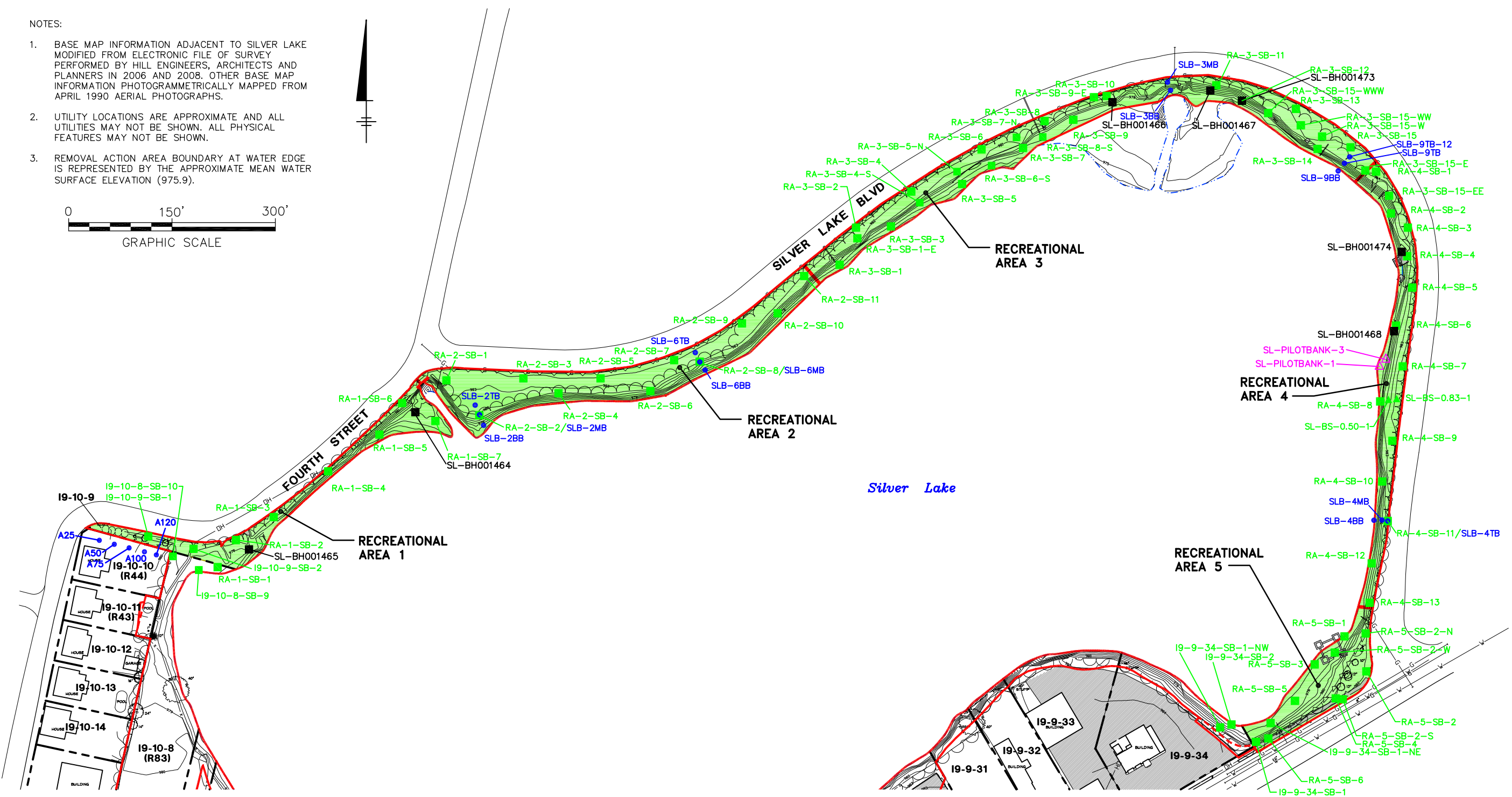
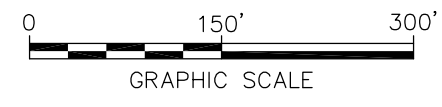


FIGURE
2-4

CITY: SYRACUSE GROUP: ENV-141 DB: DMV PGLAF LD: DMW PM: T. CRIDGE TR: T. LEEMHUIS LVR: ON=OFF=REF (FRZ)
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 PLOTSTYLETABLE: PLT\FULL.CTB PLOTTED: 10/22/2008 10:55 AM BY: DECLERCO, BRIAN

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN. ALL PHYSICAL FEATURES MAY NOT BE SHOWN.
3. REMOVAL ACTION AREA BOUNDARY AT WATER EDGE IS REPRESENTED BY THE APPROXIMATE MEAN WATER SURFACE ELEVATION (975.9).



LEGEND:

- | | | | |
|--|------------------|--|--|
| APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY) | EDGE OF BUSHES | SANITARY MANHOLE | HISTORICAL (PRE-2003) SOIL SAMPLE LOCATION |
| APPROXIMATE PROPERTY LINE | GUARDRAIL | CATCH BASIN | PRE-DESIGN (PRE-2008) SOIL SAMPLE LOCATION |
| 19-10-9 PROPERTY ID | CHAIN LINK FENCE | UTILITY POLE | EPA (2008) SOIL SAMPLE LOCATION |
| (R83) EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER | DECIDUOUS TREE | SIGN | SAMPLE LOCATION COLLECTED DURING THE PERFORMANCE OF PILOT STUDY |
| MEAN WATER SURFACE ELEVATION (975.9) (APPROXIMATE) | CONIFEROUS TREE | ELECTRIC METER | SAMPLE LOCATION COLLECTED DURING ADDITIONAL FIELD INVESTIGATIONS |
| SURFACE ELEVATION (1-FT CONTOUR) | GAS SERVICE | RECREATIONAL AVERAGING AREA SUBJECT TO PRE-DESIGN INVESTIGATIONS | |
| | WATER SERVICE | PAVED AREA | |
| | STORM SEWER | | |

GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**SOIL SAMPLE LOCATIONS
 (RECREATIONAL AREAS)**

FIGURE
2-5

Silver Lake

CITY:SYRACUSE, NY; DIV:GROUP:ENV/141; DR:DMW/LAF; KEW; LD:DMW; PIC: PM; TM: LVR; ON:--OFF--REF--; G:\CAD\GE-CADN-AC\T80040152\0000\0002\DWG\FINAL\WORKPLAN\152G94.DWG; LAYOUT: 4-1; SAVED: 10/22/2008 10:15; AMACADVER: 17.05 (LMS TECH) PAGESETUP: ---PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 10/22/2008 10:58 AM BY: DECLERCO, BRIAN



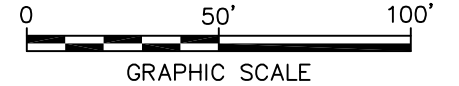
LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- 19-9-30** PROPERTY ID
- 980 SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- GUARDRAIL
- WOODEN FENCE
- WIRE FENCE
- CHAIN LINK FENCE
- DECIDUOUS TREE
- UTILITY POLE
- OVERHEAD ELECTRIC
- GAS LINE
- WATER LINE
- PAVED AREAS
- HISTORICAL (PRE-2003) SOIL SAMPLE LOCATION
- PRE-DESIGN (2003-2006) SOIL SAMPLE LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)
- 1-FOOT REMOVAL
- 3-FOOT REMOVAL
- AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL
- APPENDIX IX+3 REMOVAL AREA ONLY



NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN. ALL PHYSICAL FEATURES MAY NOT BE SHOWN.
3. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.
4. REMOVAL ACTION AREA BOUNDARY AT WATER EDGE IS REPRESENTED BY THE APPROXIMATE MEAN WATER SURFACE ELEVATION (975.9).

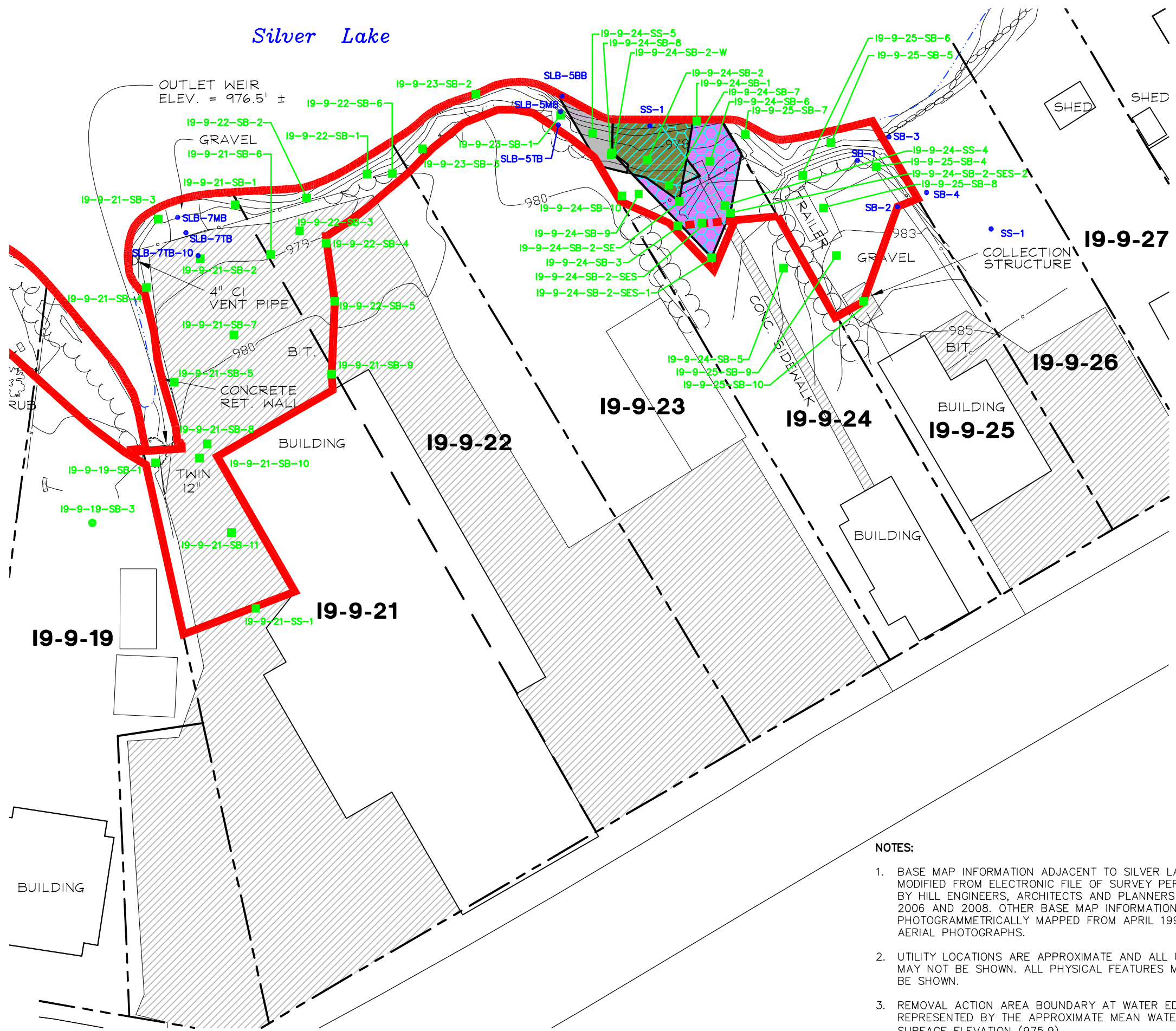


GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
FOR SOILS ADJACENT TO SILVER LAKE**

**PRELIMINARY SOIL-RELATED
RESPONSE ACTIONS
(PARCELS 19-9-30, -31, -32, -33, AND -34)**

FIGURE
4-1

CITY:SYRACUSE, NY DIV:GROUP:ENV/141 DB:DWG:LAF KEW LDR:DWG PIC: PM: TM: L:YR: ON:OFF=REF*
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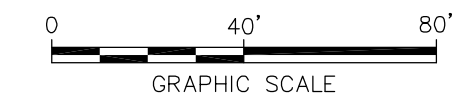
LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES

19-9-23 PROPERTY ID

- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- WIRE FENCE
- CHAIN LINK FENCE
- RETAINING WALL
- DECIDUOUS TREE
- PAVED AREAS
- HISTORICAL (PRE-2003) SOIL SAMPLE LOCATION
- PRE-DESIGN (2003-2007) SOIL SAMPLE LOCATION
- MEAN WATER ELEV (975.9) (APPROX.)

- 11-FOOT REMOVAL
- 13-FOOT REMOVAL
- 15-FOOT REMOVAL
- AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL
- APPENDIX IX+3 REMOVAL AREA ONLY



NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN. ALL PHYSICAL FEATURES MAY NOT BE SHOWN.
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GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**PRELIMINARY SOIL-RELATED
 RESPONSE ACTIONS
 (PARCELS 19-9-21, -22, -23, -24, AND -25)**

ARCADIS

FIGURE
4-2

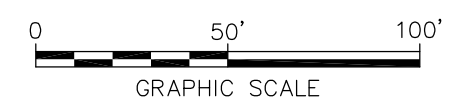
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LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- APPROXIMATE PROPERTY LINE
- APPROXIMATE FORMER PROPERTY LINE
- 19-9-17** PROPERTY ID
- 978 SURFACE ELEVATION (1-FT CONTOUR)
- ~ EDGE OF BUSHES
- x- WIRE FENCE
- o- CHAIN LINK FENCE
- DECIDUOUS TREE
- PAVED AREAS
- PRE-DESIGN (2003-2007) SOIL SAMPLE LOCATION
- MEAN WATER ELEV (975.9) (APPROX.)
- 1-FOOT REMOVAL
- 3-FOOT REMOVAL
- 5-FOOT REMOVAL
- 6-FOOT REMOVAL
- 9-FOOT REMOVAL
- AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL
- APPENDIX IX+3 REMOVAL AREA ONLY

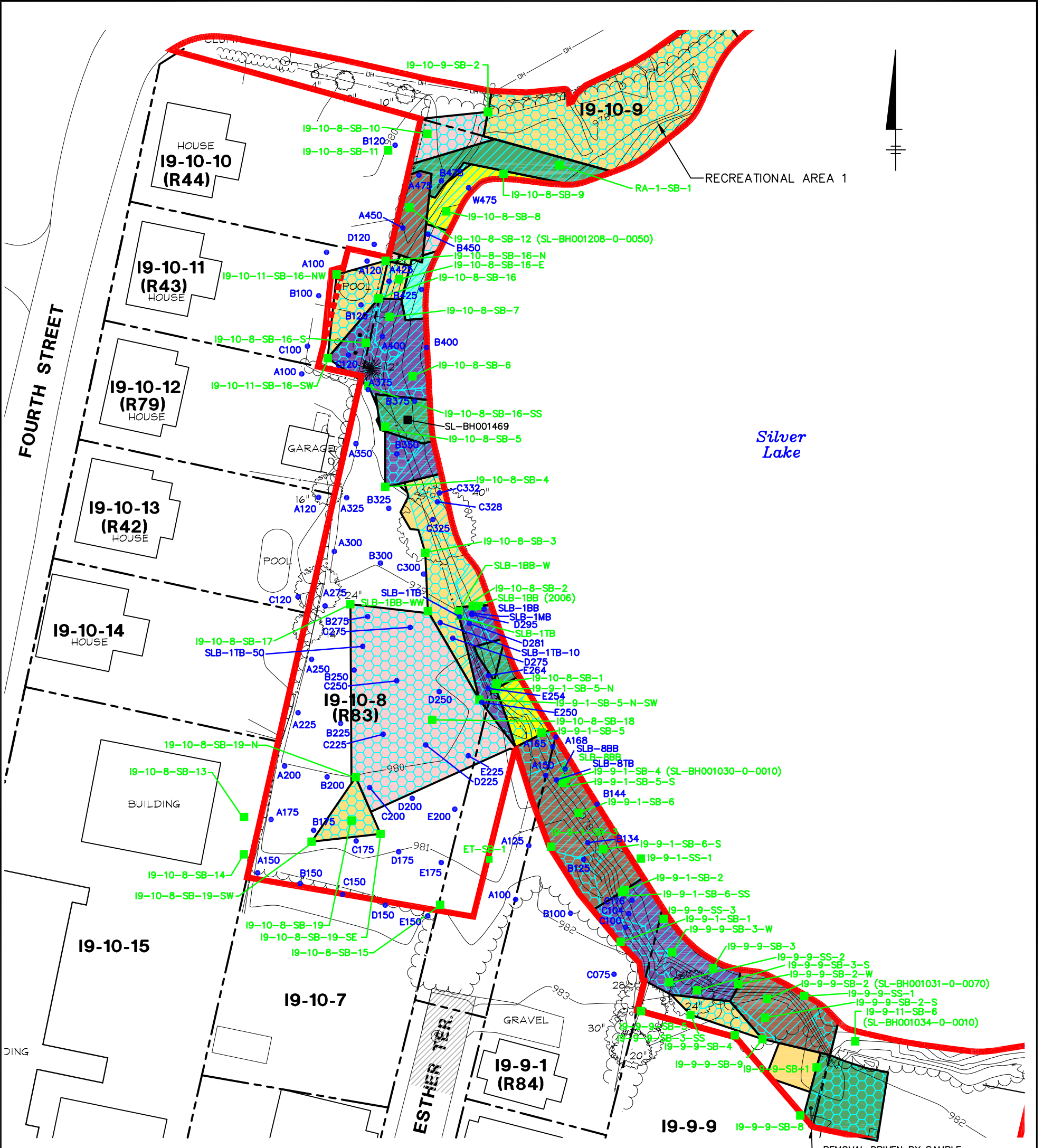
- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN. ALL PHYSICAL FEATURES MAY NOT BE SHOWN.
 3. PRE-DESIGN SAMPLES (2003, 2004, AND/OR 2005) FROM PARCEL 19-9-19 WERE COLLECTED BY EPA REPRESENTATIVES AND PROCESSED BY GE REPRESENTATIVES.
 4. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.
 5. REMOVAL ACTION AREA BOUNDARY AT WATER EDGE IS REPRESENTED BY THE APPROXIMATE MEAN WATER SURFACE ELEVATION (975.9).



GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**PRELIMINARY SOIL-RELATED
 RESPONSE ACTIONS
 (PARCELS 19-9-201, -17, -18, -19)**

FIGURE
4-3

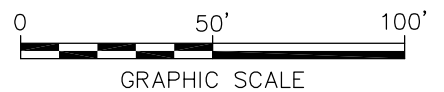


LEGEND:

- | | | | |
|----------------------|--|--|--|
| | APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY) | | PAVED AREAS |
| | APPROXIMATE PROPERTY LINE | | HISTORIC (PRE-2003) OCB SOIL SAMPLE LOCATION |
| 19-10-8 (R83) | PROPERTY ID | | PRE-DESIGN (2003-2007) SOIL SAMPLE LOCATION |
| | EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER | | EPA SOIL SAMPLE LOCATION |
| | 980 SURFACE ELEVATION (1-FT CONTOUR) | | SURFACE SOIL SAMPLE LOCATION |
| | EDGE OF BUSHES | | MEAN WATER ELEV (975.9) (APPROX.) |
| | GUARDRAIL | | 1-FOOT REMOVAL |
| | WOODEN FENCE | | 2-FOOT REMOVAL |
| | WIRE FENCE | | 3-FOOT REMOVAL |
| | CHAIN LINK FENCE | | 5-FOOT REMOVAL |
| | DECIDUOUS TREE | | 6-FOOT REMOVAL |
| | CONIFEROUS TREE | | 7-FOOT REMOVAL |
| | OVERHEAD WIRES | | 8-FOOT REMOVAL |
| | UTILITY POLE | | 9-FOOT REMOVAL |
| | SIGN | | AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL |
| | | | APPENDIX IX+3 REMOVAL AREA ONLY |

NOTES:

- BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS. SOME PROPERTY LINES ALONG ESTHER TERRACE FROM CITY OF PITTSFIELD TAX MAPS.
- UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
- EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.

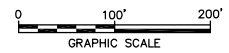
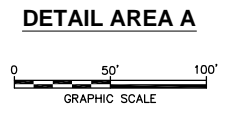
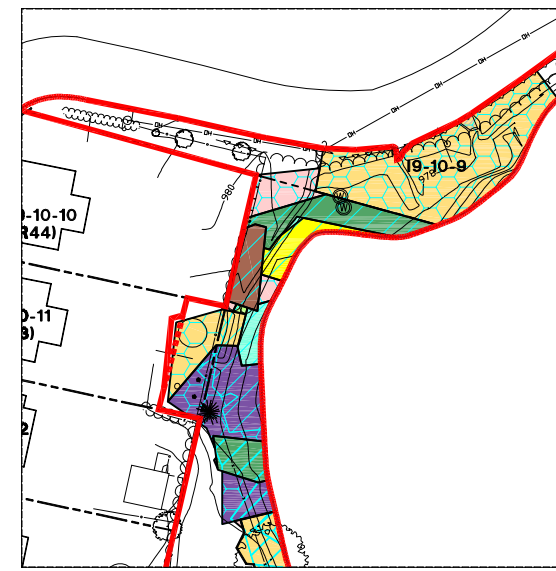
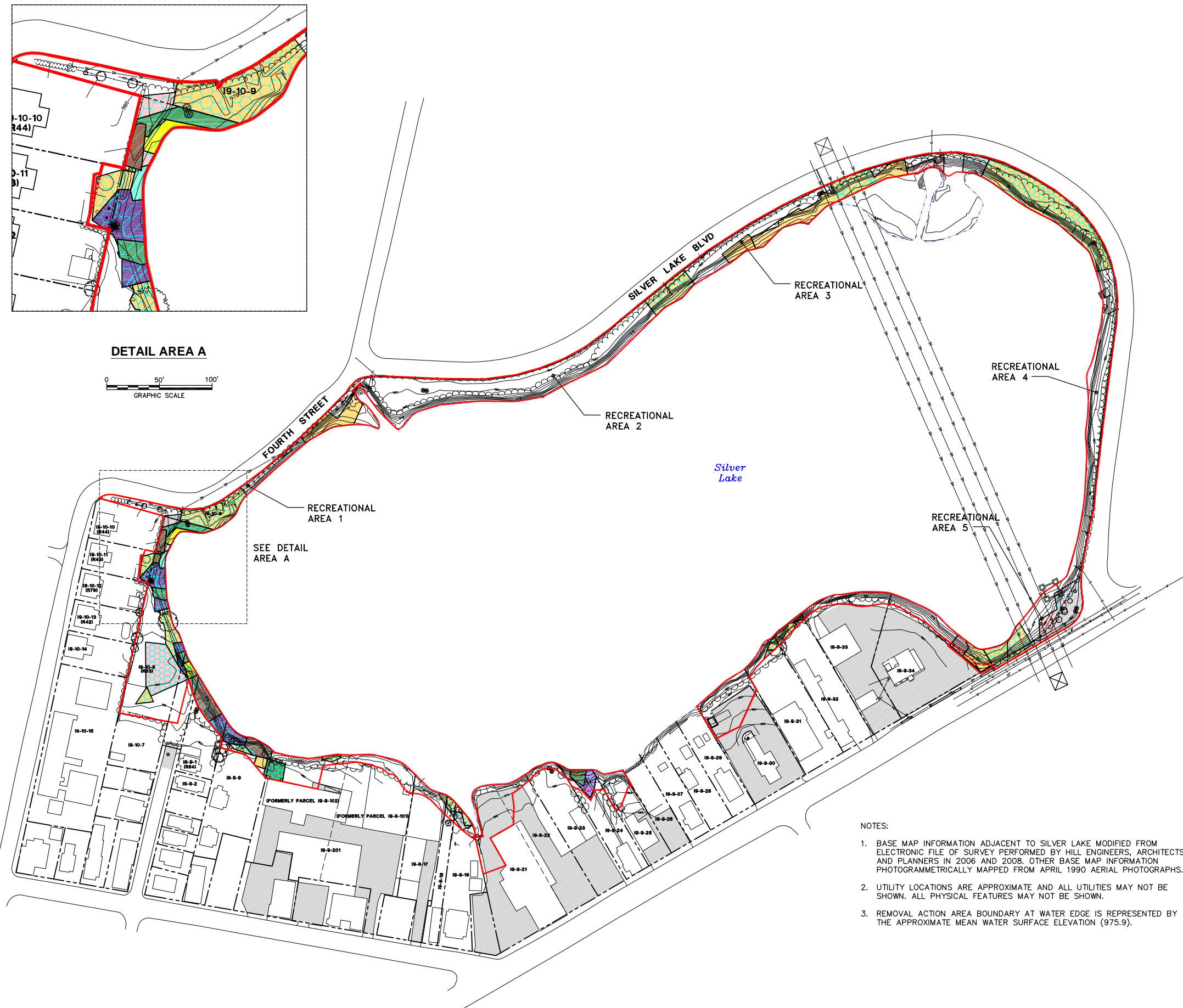


GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**PRELIMINARY SOIL-RELATED
 RESPONSE ACTIONS
 (PARCELS 19-9-1 & -9, 19-10-8, & -11)**



CITY: SYRACUSE DIV/GRP: ENV/141 DB: DMW KEW KFS LD: DMW PIC: (001) PM: J.DENKENBERGER TM: (001) LVR: (OPTION) L="OFF" REF: G:\CAD\GE-CAD\N-ACT\19040152\0000\20\DWG\FINAL\WORKPLAN\40152\108.DWG LAYOUT: 4-6 SAVED: 10/22/2008 2:15 PM ACADVER: 17.0S (LMS TECH) PAGES: 17 OF 17 PLOTTED: 10/22/2008 2:17 PM BY: DECLERCO, BRIAN



LEGEND:

	APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
	APPROXIMATE PROPERTY LINE
	PROPERTY ID
	EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER
	980 SURFACE ELEVATION (1-FT CONTOUR)
	EDGE OF BUSHES
	GUARDRAIL
	WIRE FENCE
	CHAIN LINK FENCE
	DECIDUOUS TREE
	CONIFEROUS TREE
	OVERHEAD WIRES
	UTILITY POLE
	SIGN
	PAVED AREAS
	MEAN WATER ELEV. (975.9) (APPROX.)
	1-FOOT REMOVAL
	2-FOOT REMOVAL
	3-FOOT REMOVAL
	5-FOOT REMOVAL
	6-FOOT REMOVAL
	7-FOOT REMOVAL
	8-FOOT REMOVAL
	9-FOOT REMOVAL
	11-FOOT REMOVAL
	13-FOOT REMOVAL
	15-FOOT REMOVAL
	AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL
	APPENDIX IX+3 REMOVAL AREA ONLY

- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN. ALL PHYSICAL FEATURES MAY NOT BE SHOWN.
 3. REMOVAL ACTION AREA BOUNDARY AT WATER EDGE IS REPRESENTED BY THE APPROXIMATE MEAN WATER SURFACE ELEVATION (975.9).

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
FOR SOILS ADJACENT TO SILVER LAKE**

**PRELIMINARY SOIL-RELATED
RESPONSE ACTIONS**


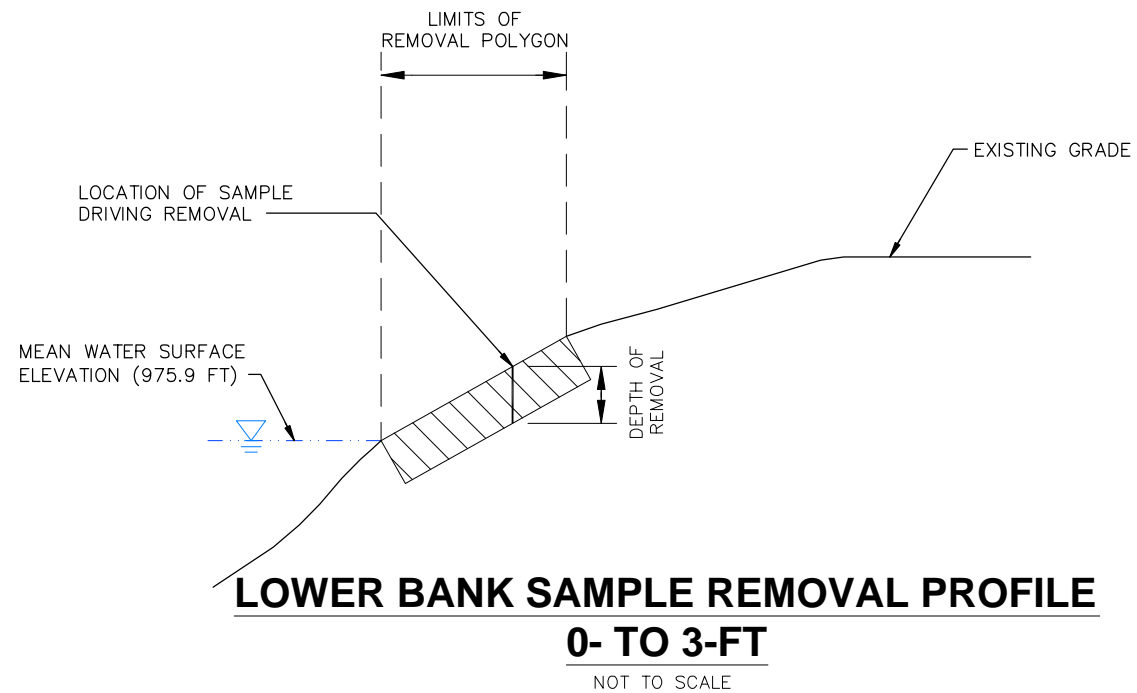


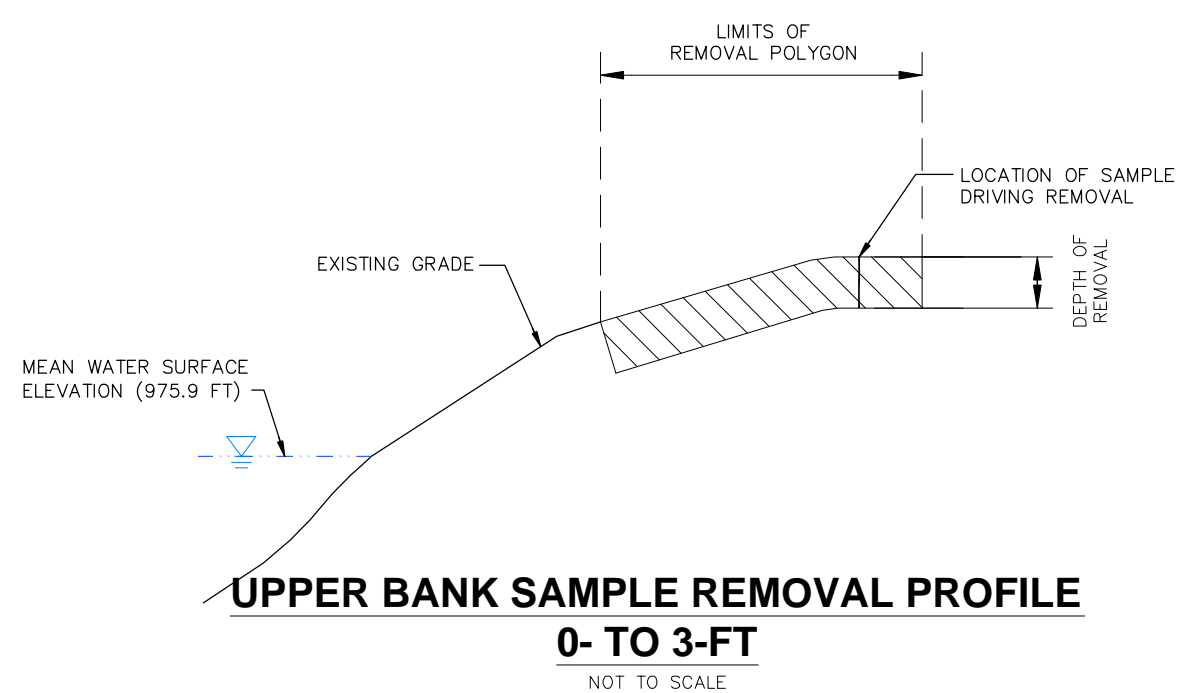
FIGURE
4-6

CITY: SYRACUSE DIV/GRP: 141/ENV DB: LJP LAF LD: DMW PIC: P KEANEY PM: T CRIDGE TW: L PUTNAM LVR: ON*OFF=REF: G:\CAD\GE-CAD\N-ACT\B0401520000\20\WG\FINAL\PILOT\40152504.DWG LAYOUT: 5-1 SAVED: 10/21/2008 6:42 PM ACADVER: 17.05 (LMS TECH) PAGES: 17.05 (LMS TECH) PAGES SETUP: --- PLOT STYLE TABLE: PLT\FULL.CTB PLOTTED: 10/22/2008 11:22 AM BY: DECLERCO, BRIAN XREFS: IMAGES: PROJECTNAME: ---



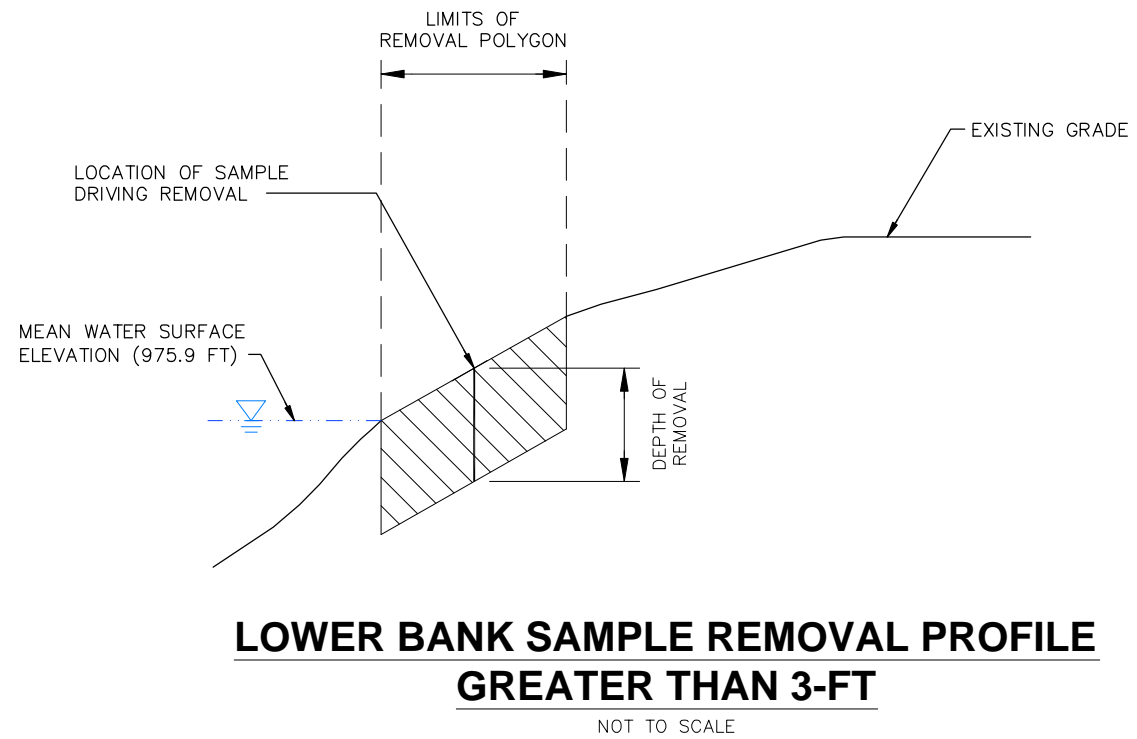
NOTE:

PROPOSED REMOVALS BETWEEN UP TO 3-FT IN DEPTH WILL BE PERFORMED AS MEASURED PERPENDICULAR TO THE FACE OF THE SLOPE.



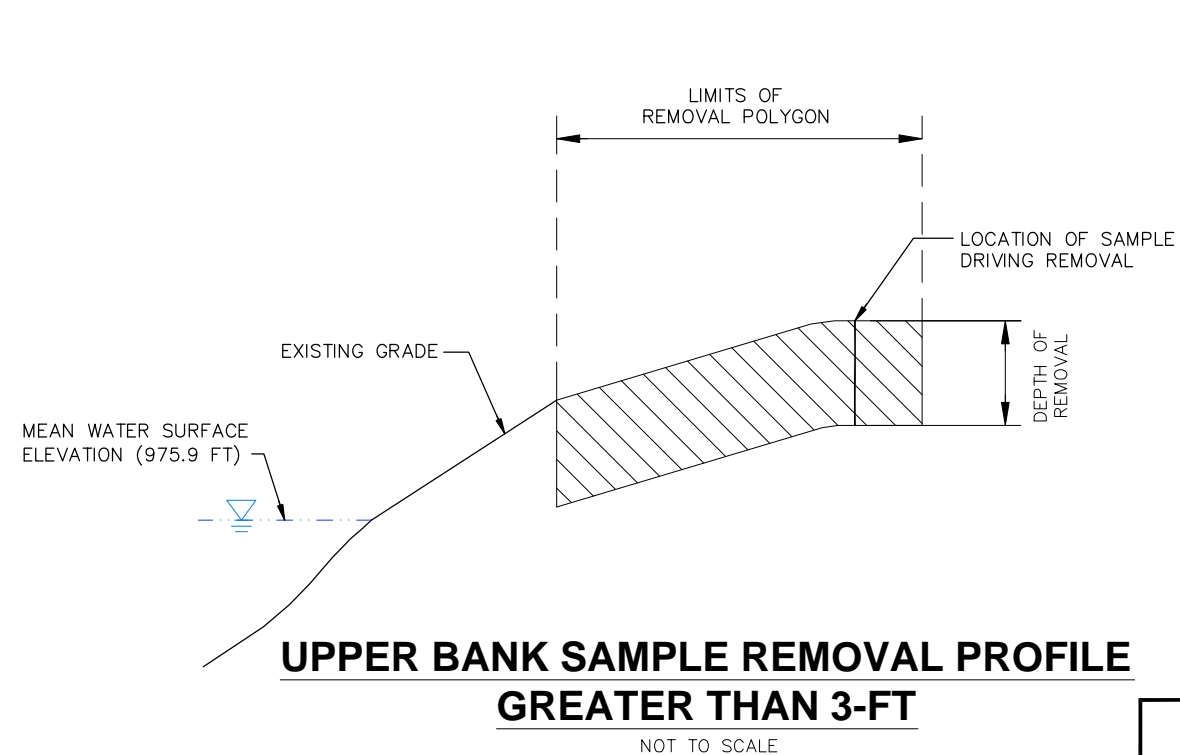
NOTE:

PROPOSED REMOVALS BETWEEN UP TO 3-FT IN DEPTH WILL BE PERFORMED AS MEASURED PERPENDICULAR TO THE FACE OF THE SLOPE.



NOTE:

PROPOSED LOCATION-SPECIFIC REMOVALS GREATER THAN 3-FT WILL BE PERFORMED TO BOTTOM ELEVATIONS BASED ON CORRESPONDING SURFACE ELEVATIONS.



NOTE:

PROPOSED LOCATION-SPECIFIC REMOVALS GREATER THAN 3-FT WILL BE PERFORMED TO BOTTOM ELEVATIONS BASED ON CORRESPONDING SURFACE ELEVATIONS.

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
REVISED CONCEPTUAL RD/RA WORK PLAN

TYPICAL BANK SOIL REMOVAL PROFILES



FIGURE
5-1

ARCADIS

Appendices

ARCADIS

Appendix A-1

Boring Logs

Date Start/Finish: 5/14/2008
Drilling Company: ARCADIS
Driller's Name: GAR/JCM
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven Macro-Core
Sample Method: 4' Macrocore


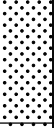

Northing: 533202.4
Easting: 129316.4
Casing Elevation: NA

Borehole Depth: 5' bgs
Surface Elevation: 980.6' AMSL

Descriptions By: GAR

Boring ID: I9-9-1-SB-5-N-SW
Client: General Electric Company

Location: Silver Lake
 Pittsfield, Massachusetts

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	980	1	0-1	3.6	0.0		Dark-brown SILT, some Gravel, Wood, and Roots.	Borehole backfilled with Bentonite to grade.
		2	1-3		0.0		Gray, white fine SAND, ASH, CINDERS, and SLAG.	
		3	3-5		0.0		Gray, white, black fine SAND, ASH, CINDERS and SLAG.	
5	975							
10	970							
15	965							



Remarks: bgs = below ground surface; NA = Not Applicable/Available;
 AMSL = Above Mean Sea Level.
 Analysis: 0-1' bgs, 1-3' bgs (MS/MSD), 3-5' bgs (DUP-1) Lead

Date Start/Finish: 5/19/2008
Drilling Company: ARCADIS
Driller's Name: GAR/JTG
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Truck-Mounted Power Probe
Sample Method: 4' Macrocore

Northing: 533045.5
Easting: 129457.3
Casing Elevation: NA
Borehole Depth: 9' bgs
Surface Elevation: 981.9' AMSL
Descriptions By: GAR

Boring ID: I9-9-9-SB-2-S
Client: General Electric Company
Location: Silver Lake
 Pittsfield, Massachusetts

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0								
	980	1	0-1	3.4	0.0	[Dotted pattern]	Brown fine SAND, some Gravel and Silt.	Borehole backfilled with Bentonite to grade.
		2	1-3	3.4	0.0			
		3	3-4		0.0		Brown, white, gray, fine SAND, ASH, CINDERS and SLAG.	
5		4	4-6		0.0			
	975	5	6-8	3.0	0.0		Brown fine SAND, ASH, CINDERS, SLAG, some Silt and Gravel, strong odor.	
		6	8-9	0.8	0.0			
10								
	970							
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available;
 AMSL = Above Mean Sea Level.
 Analysis: 7-9' bgs Lead and SVOCs

Date Start/Finish: 5/14/2008
Drilling Company: ARCADIS
Driller's Name: GAR/JCM
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven Macro-Core
Sample Method: 4' Macrocore

Northing: 533059
Easting: 129423.8
Casing Elevation: NA
Borehole Depth: 3' bgs
Surface Elevation: 980.3' AMSL
Descriptions By: GAR

Boring ID: I9-9-9-SB-3-S
Client: General Electric Company
Location: Silver Lake
 Pittsfield, Massachusetts

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	[Hatched Pattern]	Brown SILT, some Roots and Wood.	Borehole backfilled with Bentonite to grade.
		2	1-3		0.0		Dark-brown gray-brown white SILT fine SAND, ASH, CINDERS and SLAG.	
5	975							
10	970							
15	965							



Remarks: bgs = below ground surface; NA = Not Applicable/Available;
 AMSL = Above Mean Sea Level.
 Analysis: 1-3' bgs Lead

Date Start/Finish: 7/15/2008
Drilling Company: ARCADIS
Driller's Name: GAR/JTG
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven Macro-Core
Sample Method: 4' Macrocore

Northing: 533046.9
Easting: 129420.6
Casing Elevation: NA




Borehole Depth: 3' bgs
Surface Elevation: 981.4' AMSL

Descriptions By: GAR

Boring ID: I9-9-9-SB-3-SS

Client: General Electric Company

Location: Silver Lake
 Pittsfield, Massachusetts

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0								
	980	1	0-1	2.5	0.0		Brown SILT and fine SAND, and GRAVEL.	 Borehole backfilled with Bentonite to grade.
		2	1-3		0.0		Gray, white fine SAND, GRAVEL, ASH, CINDERS, and SLAG.	
5								
	975							
10								
	970							
15								






Remarks: bgs = below ground surface; NA = Not Applicable/Available;
 AMSL = Above Mean Sea Level.
 Analysis: 1-3' bgs Lead

Date Start/Finish: 5/14/2008
Drilling Company: ARCADIS
Driller's Name: GAR/JCM
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven Macro-Core
Sample Method: 4' Macrocore

Northing: 533307.6
Easting: 129270
Casing Elevation: NA
Borehole Depth: 5' bgs
Surface Elevation: 978' AMSL
Descriptions By: GAR

Boring ID: I9-10-8-SB-4
Client: General Electric Company
Location: Silver Lake
 Pittsfield, Massachusetts

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980								
0		1	0-1	4	0.0		Dark-brown SILT, some Gravel, Roots, Twigs, and Wood	Borehole backfilled with Bentonite to grade.
		2	1-3		0.0		Dark-gray SILT, fine SAND, gray and white SLAG, CINDERS and ASH, moist.	
975		3	3-5		0.0		Dark-gray fine SAND, gray and black SLAG, CINDERS, ASH, some Gravel, wet.	
5								
970								
10								
965								
15								











Remarks: bgs = below ground surface; NA = Not Applicable/Available;
 AMSL = Above Mean Sea Level.
 Analysis: 0-1' bgs, 1-3' bgs, 3-5' bgs Lead

Date Start/Finish: 7/15/2008
Drilling Company: ARCADIS
Driller's Name: GAR/JTG
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Truck-Mounted Power Probe
Sample Method: 4' Macrocore

Northing: 533034.9
Easting: 129456.1
Casing Elevation: NA
Borehole Depth: 9' bgs
Surface Elevation: 982.3' AMSL
Descriptions By: GAR

Boring ID: I9-9-9-SB-9
Client: General Electric Company
Location: Silver Lake
 Pittsfield, Massachusetts

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 SILT and fine SAND, some Gravel.	 <p>Borehole backfilled with Bentonite to grade.</p>
980		2	1-3	3.0	0.0			
		3	3-4		0.0		White fine SAND, ASH, CINDERS, and SLAG.	
		4	4-6		0.0		Brown fine SAND and SILT, some Gravel.	
5				2.2				
975		5	6-8		0.0		Black SILT, GLASS, BRICK, CINDERS, very strong Petroleum odor, wet.	
		6	8-9	1.0	0.0		Gray-brown SILT.	
10								
970								
15								




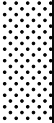


Remarks: bgs = below ground surface; NA = Not Applicable/Available;
 AMSL = Above Mean Sea Level.
 Analysis: 7-9' bgs Lead

Date Start/Finish: 5/14/2008
Drilling Company: ARCADIS
Driller's Name: GAR/JCM
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven Macro-Core
Sample Method: 4' Macrocore

Northing: 533192.7
Easting: 129293.2
Casing Elevation: NA
Borehole Depth: 5' bgs
Surface Elevation: 979.8' AMSL
Descriptions By: GAR

Boring ID: I9-10-8-SB-18
Client: General Electric Company
Location: Silver Lake
 Pittsfield, Massachusetts

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	980							
		1	0-1	3.8	0.0		Dark-brown SILT, some Roots, little Gravel.	 Borehole backfilled with Bentonite to grade.
		2	1-3		0.0		Dark-gray-brown, white fine SAND, ASH, CINDERS and SLAG.	
		3	3-5		0.0		Gray-brown, white, black fine SAND, ASH, CINDERS and SLAG.	
5	975							
10	970							
15	965							



Remarks: bgs = below ground surface; NA = Not Applicable/Available;
 AMSL = Above Mean Sea Level.
 Analysis: 0-1' bgs, 1-3' bgs, 3-5' bgs Lead

Date Start/Finish: 7/15/2008
Drilling Company: ARCADIS
Driller's Name: GAR/JTG
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven Macro-Core
Sample Method: 4' Macrocore




Northing: 533177.9
Easting: 129275
Casing Elevation: NA

Borehole Depth: 2' bgs
Surface Elevation: 979.8' AMSL

Descriptions By: GAR

Boring ID: I9-10-8-SB-18-SW
Client: General Electric Company

Location: Silver Lake
 Pittsfield, Massachusetts

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	980							
		1	0-1	0.9	0.0		Brown SILT, fine SAND, and GRAVEL, some Organic matter.	
		2	1-2	NA	NA		Gray and white fine SAND, GRAVEL, ASH, CINDERS, and SLAG.	
5	975							
10	970							
15	965							



Remarks: bgs = below ground surface; NA = Not Applicable/Available;
 AMSL = Above Mean Sea Level.
 Analysis: 0-1' bgs Lead

Date Start/Finish: 5/14/2008
Drilling Company: ARCADIS
Driller's Name: GAR/JCM
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven Macro-Core
Sample Method: 4' Macrocore

Northing: 533246
Easting: 129306.2
Casing Elevation: NA

Borehole Depth: 3' bgs
Surface Elevation: 978.8' AMSL

Descriptions By: GAR

Boring ID: SLB-1BB-W

Client: General Electric Company

Location: Silver Lake
 Pittsfield, Massachusetts

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980								
0		1	0-1	2.4	0.0	[Pattern]	Dark-brown SILT, ROOTS, and WOOD.	Borehole backfilled with Bentonite to grade.
		2	1-3		0.0		Gray-brown SILT, WOOD, some gray white ASH, CINDERS, and SLAG.	
975								
5								
970								
10								
965								
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available;
 AMSL = Above Mean Sea Level.
 Analysis: 1-3' bgs Lead

ARCADIS

Appendix A-2

Data Validation Report for
Supplemental Soil Samples
Collected in 2008

Appendix A-2
Soil Sampling Data Validation Report – Spring/Summer 2008
Revised Conceptual Removal Design/Removal Action Work Plan for Soils Adjacent to Silver Lake

General Electric Company – Pittsfield, Massachusetts

1.0 General

This appendix summarizes the Tier I and Tier II data reviews performed for soil samples collected in May and July 2008 as part of bank soil investigative activities conducted at the Silver Lake RAA, 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) by SGS Environmental Services, Inc. of Wilmington, North Carolina. Data validation was performed for one semi-volatile organic compound (SVOC) sample and 13 metal samples.

2.0 Data Evaluation Procedures

This attachment 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 (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (as submitted by GE on March 30, 2007 following approval by EPA on March 15, 2007);*
- *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); and*
- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses, USEPA Region I (Draft, December 1996).*

A tabulated summary of the Tier I and Tier II data evaluations is presented in Table A-1. Each sample subject to evaluation is listed in Table A-1 to document the performance of that data review, as well as to indicate the level of data validation (Tier I or Tier II) applied. Samples that required data qualification are listed separately. Any deviations from the applicable quality control criteria utilized during the data review process are identified below.

The following data qualifiers were used in this data evaluation:

- J The compound 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 is detected at an estimated concentration less than the corresponding practical quantitation limit (PQL).
- U The compound was analyzed for, but was not detected. The sample quantitation limit is presented. Non-detect sample results are presented as ND(PQL) within this report for consistency with documents previously prepared for investigations conducted at this Site.

- UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is estimated and may or may not represent the actual level of quantitation. Non-detect sample results that required qualification are presented as ND(PQL) J within this report for consistency with documents previously 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 purpose.

3.0 Data Validation Procedures

Section 7.5 of the FSP/QAPP states that 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* (EPA guidelines). The Tier I review consisted of a completeness evidence audit, as outlined in the *EPA Region I CSF Completeness Evidence Audit Program* (EPA Region I, July 31, 1991), to ensure that laboratory data and documentation were present. In the event that data packages were determined to be incomplete, the missing information was requested from the laboratory.

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 some samples due to minor QA/QC deficiencies. Additionally, field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP. A tabulated summary of the samples subject to Tier I and Tier II data review is presented in the following table.

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	
SVOCs	0	0	0	1	0	0	1
Metals	0	0	0	11	1	1	13
Total	0	0	0	12	1	1	14

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 the applicable EPA Region I data validation guidance documents. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was considered in assigning the final data qualifier. A summary of the QA/QC parameter deviations that resulted in data qualification is presented below.

4.0 Summary of QA/QC Parameter Deviations Requiring Data Qualification

The 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 not achieved. The compound that did not achieve the initial calibration criterion and the number of samples qualified are presented in the following table.

Compound Qualified Due to Initial Calibration Deviations (RRF)

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	Hexachlorophene	1	J

Several of the organic compounds (including the compound 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-detect 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-detect sample results were qualified as estimated (J).

The continuing calibration criterion requires that the percent difference (%D) between the initial calibration RRF and the continuing calibration RRF for VOCs and SVOCs be less than 25%. Sample data for detect and non-detect compounds with %D values that exceeded the continuing calibration criteria were qualified as estimated (J). A summary of the compounds that exceeded the continuing calibration criterion and the number of samples qualified due to those deviations are presented in the following table.

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	1-Naphthylamine	1	J
	2-Naphthylamine	1	J
	3,3'-Dimethylbenzidine	1	J
	4-Phenylenediamine	1	J
	N-Nitroso-di-n-butylamine	1	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 were outside these control limits, the affected samples with detected results at or near the PQL concentration (i.e., less than three times the PQL) were qualified as estimated (J). The analyte that did not meet CRDL criteria and the number of samples qualified due to those deviations are presented in the following table

Analyte Qualified Due to CRDL Standard Recovery Deviations

Analysis	Analyte	Number of Affected Samples	Qualification
Inorganics	Lead	1	J

Matrix spike/matrix spike duplicate (MS/MSD) sample analysis recovery criteria for organics require that the MS/MSD recovery be within the laboratory-generated QC acceptance limits specified on the MS reporting form. Organic sample results associated with MS/MSD recoveries less than the specified control limit, but greater than 10% were qualified as estimated (J) and sample results associated with MS/MSD recoveries less than 10% were qualified as rejected (R). The compounds that did not meet MS/MSD recovery criteria and the number of samples qualified due to those deviations are presented in the following table.

Compounds Qualified Due to MS/MSD Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	3-Nitroaniline	1	J
	2,4-Dinitrophenol	1	R
	4,6-Dinitro-2-methylphenol	1	J
	Benzo(g,h,i)perylene	1	J

MS/MSD sample analysis recovery criteria for organics require that the Relative Percent Difference (RPD) between the MS and MSD recoveries be less than the laboratory-generated QC acceptance limits specified on the MS/MSD reporting form. The compounds/analyte that exceeded the RPD limit and the number of samples qualified due to deviations are presented in the following table.

Compounds/Analyte Qualified Due to MS/MSD RPD Deviations

Analysis	Compound/Analyte	Number of Affected Samples	Qualification
Inorganics	Lead	1	J
SVOCs	3,3'-Dichlorobenzidine	1	J
	Benzo(b)fluoranthene	1	J
	Benzo(k)fluoranthene	1	J
	Hexachlorocyclopentadiene	1	J

5.0 Overall Data Usability

This section summarizes the analytical data in terms of its completeness and usability for site characterization purposes. Data completeness is defined as the percentage of analytical results that have been determined to be usable during the data validation process. The percent usability calculation included analyses evaluated under both the Tier I and II data validation reviews. The percent usability calculation also includes quality control sample 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 in the following table that summarizes data usability.

Data Usability

Parameter	Percent Usability	Rejected Data
SVOCs	99.2	A total of one sample result was rejected due to MS/MSD recovery deviations.
Metals	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 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 field duplicates, MS/MSD samples, and Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD). For this analytical program, 3.9% of the data required qualification due to MS/MSD RPD deviations. None of the data required qualification due to field duplicate RPD deviations or LCS/LCSD RPD deviations.

5.2 Accuracy

Accuracy measures the bias in an analytical system or the degree of agreement of a measurement with a known reference value. For this investigation, accuracy was defined as the percent recovery of QA/QC samples that were spiked with a known concentration of an analyte or compound of interest. The QA/QC samples used to evaluate analytical accuracy included instrument calibration, internal standards, LCS/LCSDs, MS/MSD samples, CRDL samples, and surrogate compound recoveries. For this analytical program, 4.7% of the data required qualification due to instrument calibration deviations, 3.1% of the data required qualification due to MS/MSD recovery deviations, and 0.78% of the data required qualification due to CRDL recovery deviations. None of the data required qualification due to internal standard recovery deviations, LCS/LCSD recovery deviations, or surrogate compound recovery deviations.

5.3 Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents a characteristic of a population, parameter variations at a sampling point, or an environmental condition. Representativeness is a qualitative parameter, which is most concerned with the proper design of the sampling program. The representativeness criterion is best satisfied by making certain that sampling locations are selected properly and a sufficient number of samples are collected. This parameter has been addressed by collecting samples at locations specified in the EPA-approved work plans, and by following the procedures for sample collection/analyses that were described in the FSP/QAPP. Additionally, the analytical program used procedures consistent with EPA-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 data set, none of the data required qualification due to holding time deviations.

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. Specifically, all the groundwater samples collected between May and July 2008 were analyzed by EPA SW-846 8270 for SVOCs and 6000/7000 for metals. Overall, the analytical methods for this investigation have remained consistent in their general approach through continued use of the basic analytical techniques. Through the 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 associated with past, present, and future sampling events will be comparable to allow for a 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 99.2% to 100% for individual analytical parameters and had an overall usability of 99.6%, which is greater than the minimum required usability of 90% as specified in the FSP/QAPP.

TABLE A-1
ANALYTICAL DATA VALIDATION SUMMARY
SILVER LAKE PRE-DESIGN INVESTIGATION - 2008 SOIL DATA
REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals											
G135-672	I9-10-8-SB-18 (0 - 1)	5/14/2008	Soil	Tier II	No						
G135-672	I9-10-8-SB-4 (3 - 5)	5/14/2008	Soil	Tier II	No						
G135-672	I9-9-1-SB-5-N-SW (0 - 1)	5/14/2008	Soil	Tier II	No						
G135-672	I9-9-1-SB-5-N-SW (1 - 3)	5/14/2008	Soil	Tier II	No						
G135-672	I9-9-1-SB-5-N-SW (3 - 5)	5/14/2008	Soil	Tier II	No						
G135-672	I9-9-9-SB-3-S (1 - 3)	5/14/2008	Soil	Tier II	No						
G135-672	SLB-1BB-W (1 - 3)	5/14/2008	Soil	Tier II	No						
G135-672	SLS-5-08-DUP-1 (3 - 5)	5/14/2008	Soil	Tier II	No						Duplicate of I9-9-1-SB-5-N-SW
G135-672	SLS-5-08-RB-1	5/14/2008	Water	Tier II	Yes	Lead	CRDL Standard %R	147.0%	80% to 120%	0.00529 J	
G135-679	I9-9-9-SB-2-S (7 - 9)	5/19/2008	Soil	Tier II	No						
G135-695	I9-9-9-SB-3-SS (1 - 3)	7/15/2008	Soil	Tier II	No						
G135-695	I9-9-9-SB-9 (7 - 9)	7/15/2008	Soil	Tier II	No						
G582-84	SLB-1BB-WW (1 - 3)	5/14/2008	Soil	Tier II	Yes	Lead	MS/MSD RPD	33.7%	<20%	373 J	
SVOCs											
G135-679	I9-9-9-SB-2-S (7 - 9)	5/19/2008	Soil	Tier II	Yes	1-Naphthylamine	CCAL %D	74.9%	<25%	ND(2.4) J	
						2,4-Dinitrophenol	MS/MSD %R	1.5%, 1.0%	20.4% to 130%	R	
						2-Naphthylamine	CCAL %D	66.7%	<25%	ND(2.4) J	
						3,3'-Dichlorobenzidine	MS/MSD RPD	121.0%	<30%	ND(0.94) J	
						3,3'-Dimethylbenzidine	CCAL %D	27.7%	<25%	ND(2.4) J	
						3-Nitroaniline	MS %R	72.7%	76.6% to 200%	ND(2.4) J	
						4,6-Dinitro-2-methylphenol	MS/MSD %R	24.5%, 20.8%	39.4% to 126%	ND(2.4) J	
						4-Phenylenediamine	CCAL %D	48.4%	<25%	ND(0.94) J	
						Benzo(b)fluoranthene	MS/MSD RPD	67.8%	<30%	1.8 J	
						Benzo(g,h,i)perylene	MS/MSD %R	45.7%, 43.8%	56.2% to 149%	0.76 J	
						Benzo(k)fluoranthene	MS/MSD RPD	80.9%	<30%	0.83 J	
						Hexachlorocyclopentadiene	MS/MSD RPD	68.4%	<30%	ND(0.94) J	
						Hexachlorophene	ICAL RRF	0.022	>0.05	ND(0.47) J	
						N-Nitroso-di-n-butylamine	CCAL %D	25.6%	<25%	ND(0.47) J	

ARCADIS

Appendix B

Summary of Recent Soil
Investigations Performed by EPA

Memorandum



TO: Dean Tagliaferro, USEPA
K.C. Mitkevicius, CENAE

cc: Holly Inglis, USEPA
Rich Fisher, USEPA

FROM: Mike Argue

DATE: 14 May 2008

PROJECT: Pittsfield SSERC – TO4

W.O. NO.: 20124.001.098

SUBJECT: Summary Report – Surface and Subsurface Soil Sampling at Silver Lake Banks
DCN GE-051408-ADWI

This memorandum has been prepared to serve as a Summary Report for the collection and analysis of surface and subsurface soil samples at Silver Lake Banks Remedial Action Area (RAA), located in Pittsfield, Massachusetts. The United States Environmental Protection Agency (EPA) requested that Weston Solutions, Inc. (WESTON) collect soil samples to assess the concentration of polychlorinated biphenyls (PCBs) and Appendix IX+3 constituents at depths of 0 to 1 foot, 1 to 3 feet and 3 to 6 feet below grade within banks soils at several locations around the perimeter of Silver Lake. This Report includes descriptions of the following:

- Objectives
- Rationale for selection of sampling locations
- Field sampling and analytical procedures
- Analytical results

The activities described in this report were conducted in accordance with project-wide and area-specific planning documents. These planning documents include the following:

- Project Field Sampling Plan
- Project Quality Assurance Project Plan and Addendum (QAPP)
- Project Health and Safety Plan (HASP)
- Site Specific Health and Safety Plan

Objectives

The objective of the sampling was to better define the extent of PCBs and Appendix IX+3 constituents in surface and subsurface bank soils adjacent to Silver Lake.

Rationale for Selection of Sampling Locations

Figures 1 through 3 present current site features, the locations of soil samples previously collected at the RAA, areas proposed by GE for removal actions based on previously-existing soil data, and the locations of 11 borings from which WESTON collected soil samples on 9 April 2008. The supplemental soil sampling locations were selected by EPA based on a detailed review of existing data and identification of data gaps. Samples were collected at depths ranging up to 6 feet below ground surface for PCB, semivolatile organic compound (SVOC) and metals analyses as outlined in Table 1.

Field Sampling and Analytical Procedures

The soil boring locations selected by EPA were marked in the field with wooden grade stakes by a licensed surveyor prior to the sampling event. The surveyor verified that all sampling locations fell above the elevation of the Silver Lake sediment/bank soil boundary, which is defined by GE as 975.9 feet above mean sea level. Boring locations SL-BH001464, SL-BH001468, and SL-BH001474, which were slightly adjusted in the field by EPA prior to sampling activities, were re-surveyed once sampling activities were complete.

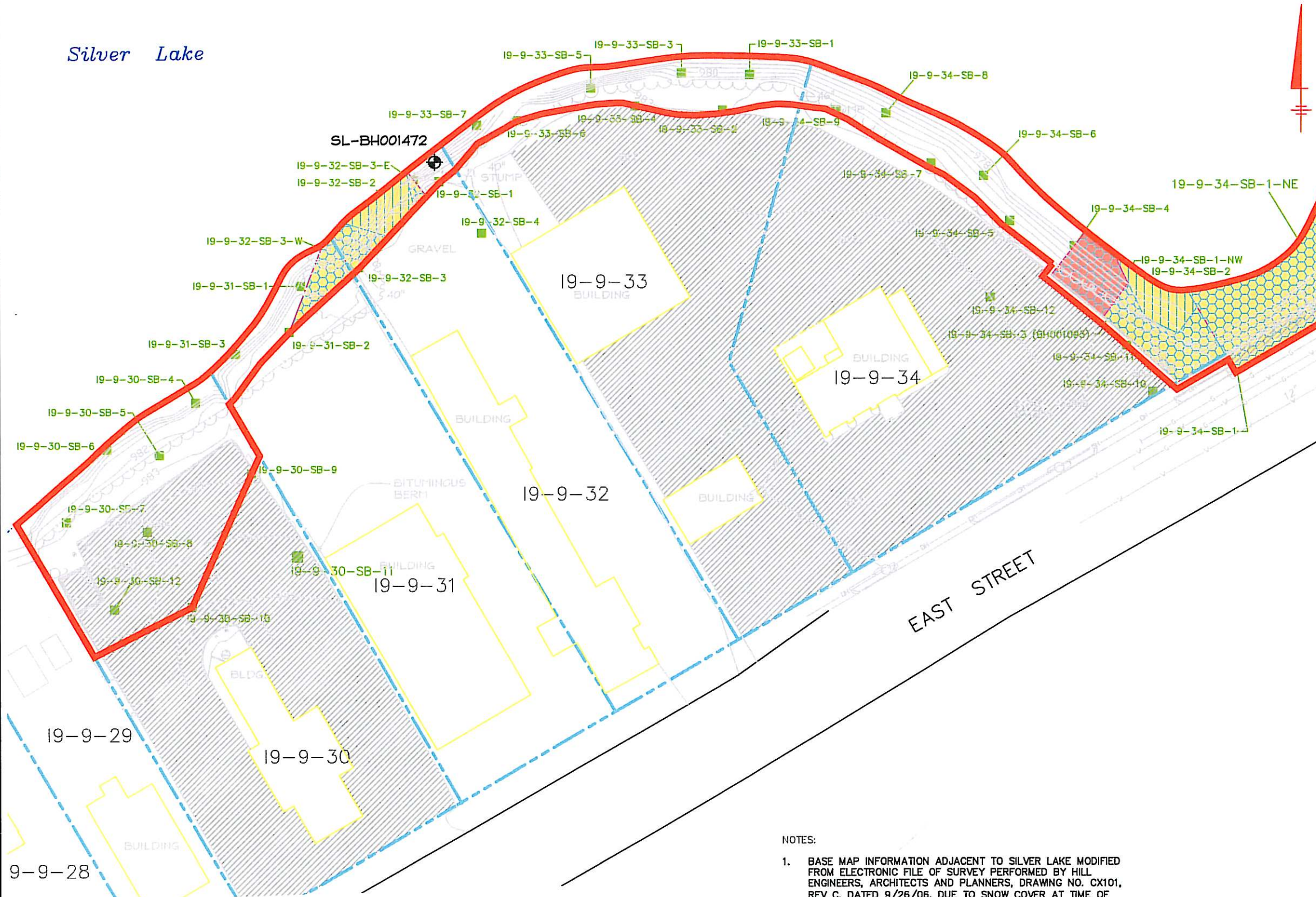
Soil sampling was conducted using direct-push macro-core samplers equipped with dedicated acetate sleeves. At each location, the macro-core sampler was hand driven to the design depth, extracted, and the soil core contained within the acetate sleeve was removed for sample collection. Sample recoveries were logged and the specified sample intervals were placed into stainless steel bowls for soil classification (see Table 1). The samples were homogenized using stainless steel scoops and placed into certified pre-cleaned amber jars for submission to the laboratory for analysis. The sample bowls and scoops, and the macro-core sampler cutting shoes were decontaminated at the start of the day and between sampling stations using an Alconox/water mixture, followed by a hexane rinse and a de-ionized water rinse.

All samples were analyzed at Test America, Burlington for the parameters listed on Table 1. PCB, SVOC and metals analyses were conducted using EPA Methods 8082A, 8270C and 6010B, respectively. Quality assurance/quality control samples were collected in accordance with the requirements outlined in the project QAPP and Addendum, and included a field duplicate, a matrix spike/matrix spike duplicate, and a rinsate blank. Following analysis, sample results underwent Tier II data validation in accordance with EPA Guidance.

Analytical Results

Analytical results are summarized in Table 2. The chain-of-custody record is included as Attachments 1.

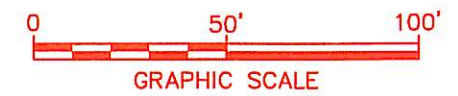
Silver Lake



LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- 19-9-30 PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- GUARDRAIL
- WOODEN FENCE
- WIRE FENCE
- CHAIN LINK FENCE
- DECIDUOUS TREE
- UTILITY POLE
- OVERHEAD ELECTRIC
- GAS LINE
- WATER LINE
- PAVED AREAS
- PRE-DESIGN (2003-2006) SOIL SAMPLE LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)
- 1-FOOT REMOVAL
- 3-FOOT REMOVAL
- AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL
- APPENDIX IX+3 REMOVAL AREA ONLY
- WESTON SOLUTIONS WILDCARD SAMPLE LOCATION

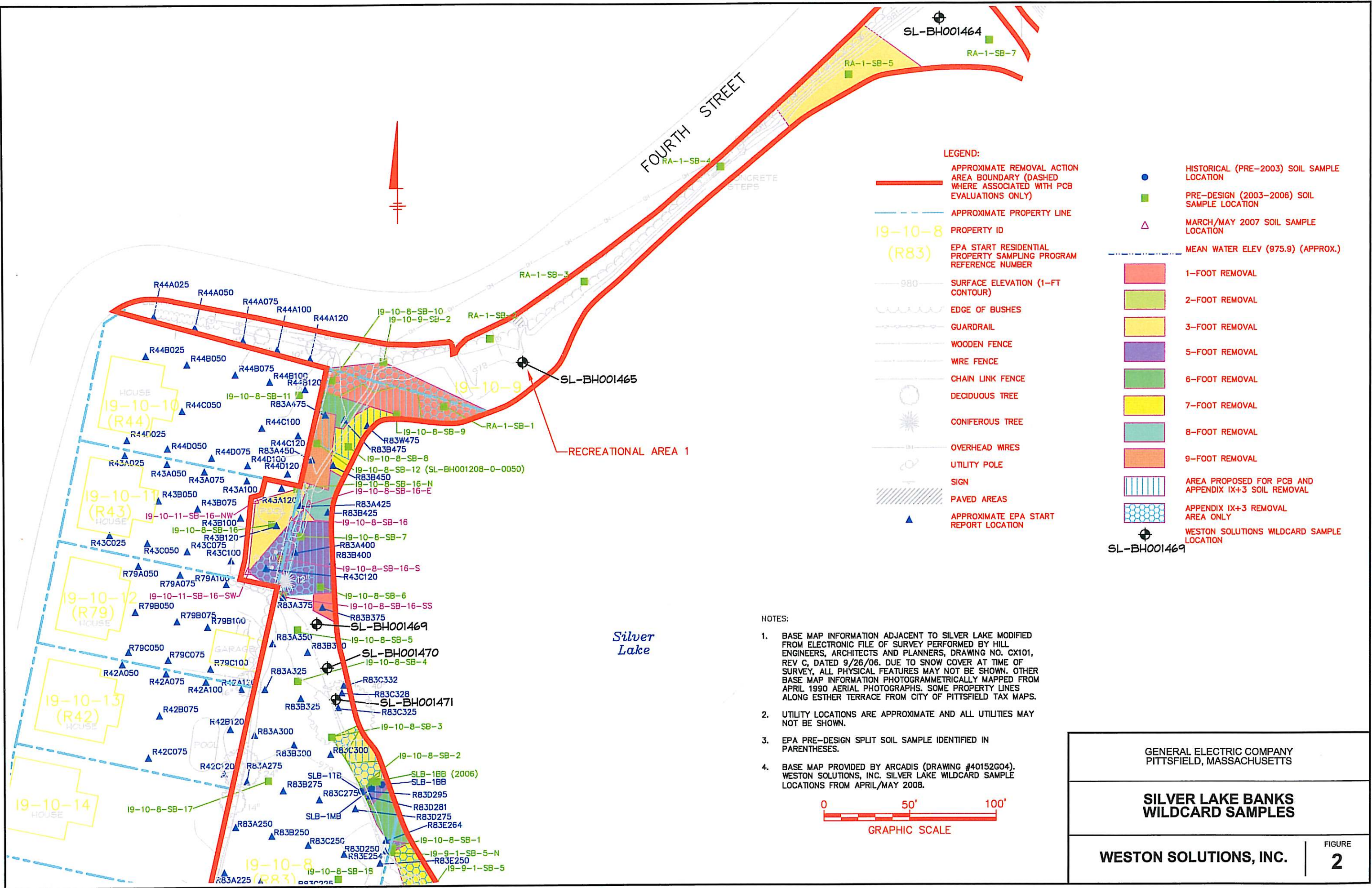
SL-BH001472

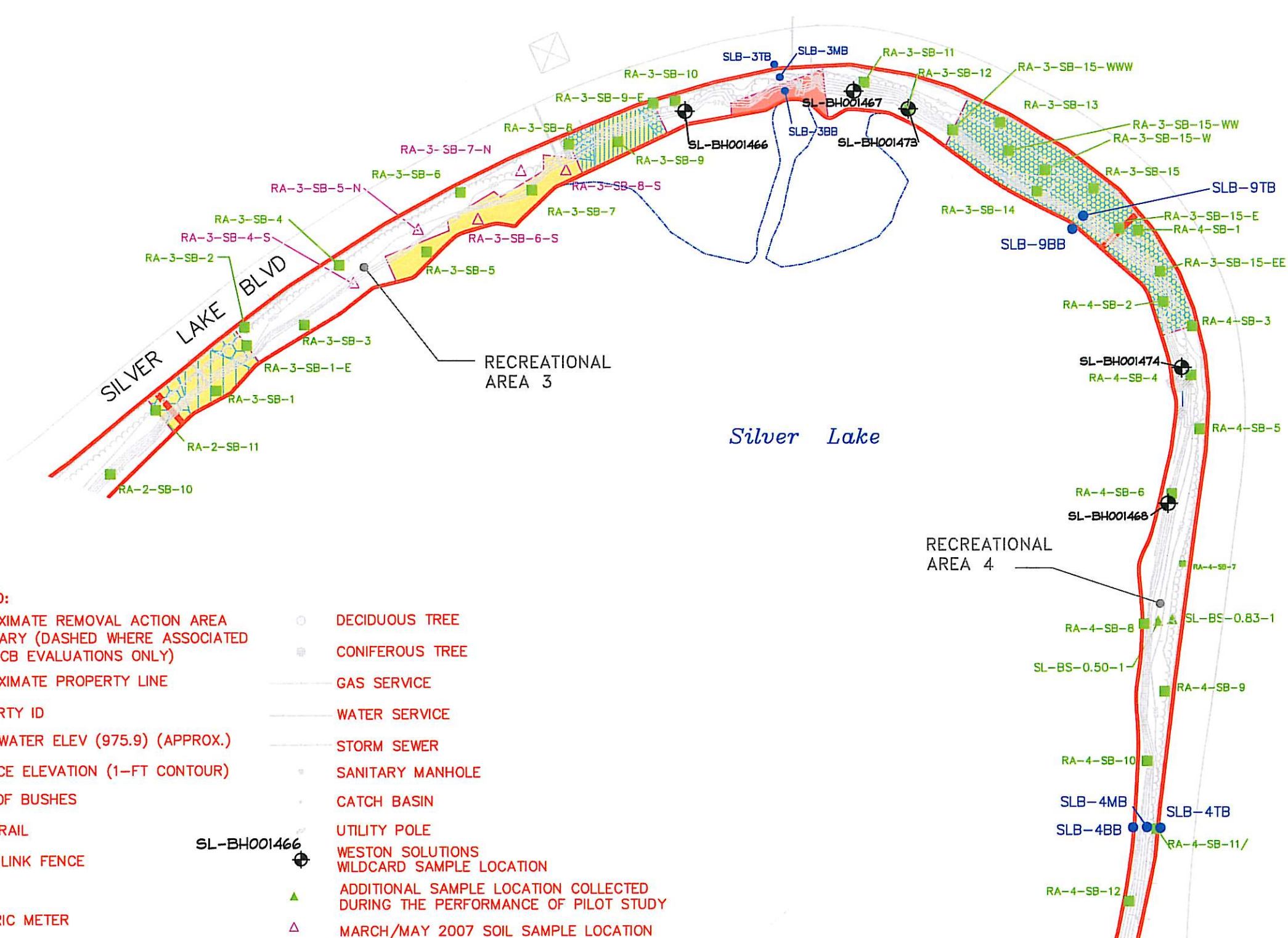


NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
3. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.
4. BASE MAP PROVIDED BY ARCADIS (DRAWING 4015G03). WESTON SOLUTIONS, INC. WILDCARD SAMPLE LOCATION FROM APRIL/MAY 2008.

GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS	
SILVER LAKE BANKS WILDCARD SAMPLES	
WESTON SOLUTIONS, INC.	FIGURE 1



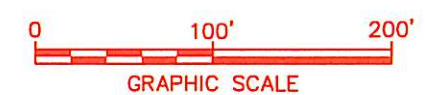


LEGEND:

- | | | | |
|--|--|--|--|
| | APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY) | | DECIDUOUS TREE |
| | APPROXIMATE PROPERTY LINE | | CONIFEROUS TREE |
| | PROPERTY ID | | GAS SERVICE |
| | MEAN WATER ELEV (975.9) (APPROX.) | | WATER SERVICE |
| | SURFACE ELEVATION (1-FT CONTOUR) | | STORM SEWER |
| | EDGE OF BUSHES | | SANITARY MANHOLE |
| | GUARDRAIL | | CATCH BASIN |
| | CHAIN LINK FENCE | | UTILITY POLE |
| | SIGN | | WESTON SOLUTIONS WILDCARD SAMPLE LOCATION |
| | ELECTRIC METER | | ADDITIONAL SAMPLE LOCATION COLLECTED DURING THE PERFORMANCE OF PILOT STUDY |
| | PAVED AREA | | MARCH/MAY 2007 SOIL SAMPLE LOCATION |
| | APPROXIMATE EPA START LOCATIONS | | 1-FOOT REMOVAL |
| | HISTORICAL (PRE-2003) SOIL SAMPLE LOCATION | | 3-FOOT REMOVAL |
| | PRE-DESIGN (2003-2006) SOIL SAMPLE LOCATION | | AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL |
| | | | APPENDIX IX+3 REMOVAL AREA ONLY |

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
3. BASE MAP PROVIDED BY ARCADIS (DRAWING 40152G05). WESTON SOLUTIONS, INC. SILVER LAKE WILDCARD SAMPLE LOCATIONS FROM APRIL/MAY 2008.



GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS	
SILVER LAKE BANKS WILDCARD SAMPLES	
WESTON SOLUTIONS, INC.	FIGURE 3

Table 1
Soil Sample Descriptions

Area/Parcel	Boring Location	Sample ID/ Analysis	Depth (feet)	Recovery (inches)	QA/QC	Soil Description
Recreational Area 1	SL-BH001464	SL-BH001464-0-0000 PCBs, SVOCs, metals	0-1	12	MS/MSD	Dark brown silt and fine sand, some organics.
		SL-BH001464-0-0010 PCBs, SVOCs, metals	1-3	10	--	Med. brown silt and fine sand, NAPL sheen, petroleum odor.
Recreational Area 1	SL-BH001465	SL-BH001465-0-0000 PCBs, SVOCs, metals	0-1	10	--	Dark brown fine sand, some silt, little med. sand and organics.
		SL-BH001465-1-0000 PCBs, SVOCs, metals	0-1	10	Field duplicate	Dark brown fine sand, some silt, little med. sand and organics.
		SL-BH001465-0-0010 PCBs, SVOCs, metals	1-3	14	--	Dark brown silt, little fine sand and organics, NAPL sheen, petroleum odor.
Recreational Area 3	SL-BH001466	SL-BH001466-0-0000 PCBs, SVOCs, metals	0-1	8.5	--	Dark brown fine sand and silt, some med. sand and organics.
		SL-BH001466-0-0010 PCBs, SVOCs, metals	1-3	15	--	Med. brown fine sand and silt, little med. sand, NAPL sheen.
Recreational Area 3	SL-BH001467	SL-BH001467-0-0000 PCBs, SVOCs, metals	0-1	9.5	--	Dark brown fine-med. sand, some silt and organics.
		SL-BH001467-0-0010 PCBs, SVOCs, metals	1-3	14	--	Med. brown med. and coarse sand, some gravel, little fine sand and silt.
Recreational Area 4	SL-BH001468	SL-BH001468-0-0000 SVOCs, metals	0-1	12	--	Dark brown coarse sand, some gravel, little med. and fine sand.
		SL-BH001468-0-0010 SVOCs, metals	1-3	12	--	Med. brown coarse sand, some fine sand, little silt, trace organics.
Parcel I9-10-8	SL-BH001469	SL-BH001469-0-0000 PCBs, lead	0-1	10	--	0-5" - Med. brown coarse sand and gravel; 5-10" - dark brown silt and fine sand, petroleum odor.
		SL-BH001469-0-0010 PCBs, lead	1-3	10	--	Med. gray coarse sand and gravel, some med. sand.
		SL-BH001469-0-0030 PCBs, lead	3-6	13	--	Med. gray coarse sand, some fine sand and silt, little broken ceramic.
Parcel I9-10-8	SL-BH001470	SL-BH001470-0-0000 PCBs	0-1	8	--	Med. brown organic-rich sand and silt.

Area/Parcel	Boring Location	Sample ID/ Analysis	Depth (feet)	Recovery (inches)	QA/QC	Soil Description
Parcel 19-10-8	SL-BH001470	SL-BH001470-0-0010 PCBs	1-3	10	--	Dark gray gravelly fill with brick and wood, some med.-coarse sand, little fine sand, trace silt.
		SL-BH001470-0-0030 PCBs	3-6	12	--	Dark gray gravelly fill with brick and wood, some med.-coarse sand, little fine sand, trace silt, petroleum odor.
Parcel 19-10-8	SL-BH001471	SL-BH001471-0-0000 PCBs	0-1	12	--	Med. brown organic-rich silt, some fine sand, little med. sand.
		SL-BH001471-0-0010 PCBs	1-3	12	--	0-6" - Med. brown silt, some fine sand, trace med. sand; 6-12" - dark gray med. sand, some fine sand, little silt, NAPL sheen, petroleum odor.
		SL-BH001471-0-0030 PCBs	3-6	16	--	Broken brick and stone fill with dark gray coarse sand, some med. sand, little fine sand.
Parcel 19-9-32	SL-BH001472	SL-BH001472-0-0000 PCBs	0-1	10	--	Med. brown med. sand, some fine sand, little silt.
		SL-BH001472-0-0010 PCBs	1-3	15	--	Dark gray coarse sand, some med. sand.
Recreational Area 3	SL-BH001473	SL-BH001473-0-0000 SVOCs, metals	0-1	10	--	Dark brown fine sand and silt, some organics, little broken brick and glass.
		SL-BH001473-0-0010 SVOCs, metals	1-3	16	--	Med. brown med.-fine sand and silt, some coarse sand and organics, little gravel.
Recreational Area 4	SL-BH001474	SL-BH001474-0-0000 SVOCs, metals	0-1	9	--	Dark brown coarse sand and gravel, some med. sand, little fine sand and silt, trace organics.
		SL-BH001474-0-0010 SVOCs, metals	1-3	16	--	Dark brown coarse sand and gravel, some med. sand and coal slag.

QA/QC – Quality assurance/quality control
PCBs – Polychlorinated biphenyls
NAPL – Non-aqueous phase liquid

MS/MSD – Matrix spike/matrix spike duplicate
SVOCs – Semivolatile organic compounds

Table 2
Soil Sample Analytical Summary

Silver Lake Bank Wildcard Sediments
Housatonic River Project
Analytical Results - TO4

Site ID					
Location ID	BH001464	BH001464	BH001465	BH001465	BH001465
Field Sample ID	SL-BH001464-0-0000	SL-BH001464-0-0010	SL-BH001465-0-0000	SL-BH001465-1-0000	SL-BH001465-0-0010
Date Collected	04/09/2008	04/09/2008	04/09/2008	04/09/2008	04/09/2008
Depth	0.0-1.0	1.0-3.0	0.0-1.0	0.0-1.0	1.0-3.0
Source	EPA_COE	EPA_COE	EPA_COE	EPA_COE	EPA_COE
Analyte					
PCBS					
PCB, TOTAL (mg/kg)	360	160	1.4	1	190
AROCLOR-1016 (mg/kg)	34 U	13 U	.12 U	.069 U	14 U
AROCLOR-1221 (mg/kg)	34 U	13 U	.12 U	.069 U	14 U
AROCLOR-1232 (mg/kg)	34 U	13 U	.12 U	.069 U	14 U
AROCLOR-1242 (mg/kg)	34 U	13 U	.12 U	.069 U	14 U
AROCLOR-1248 (mg/kg)	34 U	13 U	.12 U	.069 U	14 U
AROCLOR-1254 (mg/kg)	250	120	.81	.55	120
AROCLOR-1260 (mg/kg)	110	42	.63	.49	69
APP IX SEMIVOLATILES					
1,2,4,5-TETRACHLOROBENZENE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
HEXACHLOROBENZENE (mg/kg)	2.7 U	2.4 U	1.8 U	2.8 U	1.1 U
PENTACHLOROBENZENE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
1,2,4-TRICHLOROBENZENE (mg/kg)	2.7 U	2.4 U	1.8 U	2.8 U	.27 J
1,2-DICHLOROBENZENE (mg/kg)	2.7 U	2.4 U	1.8 U	2.8 U	1.1 U
1,3,5-TRINITROBENZENE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
1,3-DICHLOROBENZENE (mg/kg)	2.7 U	2.4 U	1.8 U	2.8 U	1.1 U
1,3-DINITROBENZENE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
1,4-DICHLOROBENZENE (mg/kg)	2.7 U	2.4 U	1.8 U	2.8 U	1.1 U
1,4-NAPHTHOQUINONE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
1-NAPHTHYLAMINE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
2,3,4,6-TETRACHLOROPHENOL (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
2,4,5-TRICHLOROPHENOL (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
2,4,6-TRICHLOROPHENOL (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
2,4-DICHLOROPHENOL (mg/kg)	2.7 U	2.4 U	1.8 U	2.8 U	1.1 U
2,4-DIMETHYLPHENOL (mg/kg)	13 U	12 U	8.8 U	14 U	.28 J
2,4-DINITROPHENOL (mg/kg)	68 U	61 U	45 U	71 U	28 U
2,4-DINITROTOLUENE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
2,6-DICHLOROPHENOL (mg/kg)	2.7 U	2.4 U	1.8 U	2.8 U	1.1 U
2,6-DINITROTOLUENE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
2-ACETYLAMINOFLUORENE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
2-CHLORONAPHTHALENE (mg/kg)	2.7 U	2.4 U	1.8 U	2.8 U	1.1 U
2-CHLOROPHENOL (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
2-METHYLNAPHTHALENE (mg/kg)	2.7 U	2.4 U	.62 J	2.8 U	5.2
2-METHYLPHENOL (O-CRESOL) (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U

Silver Lake Bank Wildcard Sediments
Housatonic River Project
Analytical Results - TO4

Site ID					
Location ID	BH001464	BH001464	BH001465	BH001465	BH001465
Field Sample ID	SL-BH001464-0-0000	SL-BH001464-0-0010	SL-BH001465-0-0000	SL-BH001465-1-0000	SL-BH001465-0-0010
Date Collected	04/09/2008	04/09/2008	04/09/2008	04/09/2008	04/09/2008
Depth	0.0-1.0	1.0-3.0	0.0-1.0	0.0-1.0	1.0-3.0
Source	EPA_COE	EPA_COE	EPA_COE	EPA_COE	EPA_COE
Analyte					
2-NAPHTHYLAMINE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
2-NITROANILINE (mg/kg)	68 U	61 U	45 U	71 U	28 U
2-NITROPHENOL (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
2-PICOLINE (ALPHA-PICOLINE) (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
3,3'-DICHLOROBENZIDINE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
3,3'-DIMETHYLBENZIDINE (mg/kg)	68 U	61 U	45 U	71 U	28 U
3-METHYLCHOLANTHRENE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
3-NITROANILINE (mg/kg)	68 U	61 U	45 U	71 U	28 U
4,6-DINITRO-2-METHYLPHENOL (mg/kg)	68 U	61 U	45 U	71 U	28 U
4-AMINOBIIPHENYL (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
4-BROMOPHENYL PHENYL ETHER (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
4-CHLORO-3-METHYLPHENOL (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
4-CHLOROANILINE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
4-CHLOROPHENYL PHENYL ETHER (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
4-METHYLPHENOL (mg/kg)	13 U	.26 J	8.8 U	14 U	.69 J
4-NITROANILINE (mg/kg)	68 U	61 U	45 U	71 U	28 U
4-NITROPHENOL (mg/kg)	68 U	61 U	45 U	71 U	28 U
4-NITROQUINOLINE-1-OXIDE (mg/kg)	68 U	61 U	45 U	71 U	28 U
5-NITRO-O-TOLUIDINE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
7,12-DIMETHYLBENZ(A)ANTHRACENE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
A,A-DIMETHYLPHENETHYLAMINE (mg/kg)	13 UJ	12 UJ	8.8 UJ	14 UJ	5.5 UJ
ACENAPHTHENE (mg/kg)	2.7 U	2.4 U	1.4 J	1.6 J	9.2
ACENAPHTHYLENE (mg/kg)	1.8 J	1.1 J	1.4 J	1.5 J	2.9
ACETOPHENONE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
ANILINE (mg/kg)	13 U	12 U	8.8 U	14 U	6
ANTHRACENE (mg/kg)	2 J	1.4 J	5.1	4	17
ARAMITE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
AZOBENZENE (mg/kg)	2.7 U	2.4 U	1.8 U	2.8 U	1.1 U
BENZO(A)ANTHRACENE (mg/kg)	6.7	4.3	11	11	30
BENZO(A)PYRENE (mg/kg)	5.7	3.2	8.5	8.6	23
BENZO(B)FLUORANTHENE (mg/kg)	11	5.7	11	11	26
BENZO(GHI)PERYLENE (mg/kg)	5.6	3	6.6	7.3	15
BENZO(K)FLUORANTHENE (mg/kg)	2.7 U	2.1 J	3.8	6.1	15
BENZYL ALCOHOL (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
BIS(2-CHLOROETHOXY) METHANE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U

Silver Lake Bank Wildcard Sediments
Housatonic River Project
Analytical Results - TO4

Site ID					
Location ID	BH001464	BH001464	BH001465	BH001465	BH001465
Field Sample ID	SL-BH001464-0-0000	SL-BH001464-0-0010	SL-BH001465-0-0000	SL-BH001465-1-0000	SL-BH001465-0-0010
Date Collected	04/09/2008	04/09/2008	04/09/2008	04/09/2008	04/09/2008
Depth	0.0-1.0	1.0-3.0	0.0-1.0	0.0-1.0	1.0-3.0
Source	EPA_COE	EPA_COE	EPA_COE	EPA_COE	EPA_COE
Analyte					
BIS(2-CHLOROETHYL) ETHER (mg/kg)	2.7 U	2.4 U	1.8 U	2.8 U	1.1 U
BIS(2-CHLOROISOPROPYL) ETHER (mg/kg)	2.7 U	2.4 U	1.8 U	2.8 U	1.1 U
BIS(2-ETHYLHEXYL) PHTHALATE (mg/kg)	13 U	12 U	8.8 U	4.9 J	5.5 U
BUTYLBENZYLPHTHALATE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
CHLOROBENZILATE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
CHRYSENE (mg/kg)	6.7	4.3	11	11	29
DIALLATE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
DIBENZO(A,H)ANTHRACENE (mg/kg)	1.7 J	1.3 J	2.6	2.4 J	4.7
DIBENZOFURAN (mg/kg)	13 U	12 U	1.5 J	1.2 J	11
DIETHYL PHTHALATE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
DIMETHYL PHTHALATE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
DI-N-BUTYL PHTHALATE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
DI-N-OCTYL PHTHALATE (mg/kg)	13 U	12 U	8.8 U	7.9 J	5.5 U
DINOSEB (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
ETHYL METHANESULFONATE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
FLUORANTHENE (mg/kg)	14	8.8	27	24	100
FLUORENE (mg/kg)	.68 J	.63 J	1.5 J	1.6 J	11
HEXACHLOROBUTADIENE (mg/kg)	2.7 U	2.4 U	1.8 U	2.8 U	1.1 U
HEXACHLOROCYCLOPENTADIENE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
HEXACHLOROETHANE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
HEXACHLOROPROPENE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
INDENO(1,2,3-C,D)PYRENE (mg/kg)	5.7	3.3	6.6	7.2	14
ISOPHORONE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
ISOSAFROLE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
METHAPYRILENE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
METHYL METHANESULFONATE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
NAPHTHALENE (mg/kg)	2.7 U	2.4 U	1.2 J	1.4 J	13
NITROBENZENE (mg/kg)	2.7 U	2.4 U	1.8 U	2.8 U	1.1 U
NITROSOMETHYLETHYLAMINE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
N-NITROSODIETHYLAMINE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
N-NITROSODIMETHYLAMINE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
N-NITROSO-DI-N-BUTYLAMINE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
N-NITROSO-DI-N-PROPYLAMINE (mg/kg)	2.7 U	2.4 U	1.8 U	2.8 U	1.1 U
N-NITROSODIPHENYLAMINE (mg/kg)	2.7 U	2.4 U	1.8 U	2.8 U	1.1 U
N-NITROSOMORPHOLINE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U

Silver Lake Bank Wildcard Sediments
Housatonic River Project
Analytical Results - TO4

Site ID					
Location ID	BH001464	BH001464	BH001465	BH001465	BH001465
Field Sample ID	SL-BH001464-0-0000	SL-BH001464-0-0010	SL-BH001465-0-0000	SL-BH001465-1-0000	SL-BH001465-0-0010
Date Collected	04/09/2008	04/09/2008	04/09/2008	04/09/2008	04/09/2008
Depth	0.0-1.0	1.0-3.0	0.0-1.0	0.0-1.0	1.0-3.0
Source	EPA_COE	EPA_COE	EPA_COE	EPA_COE	EPA_COE
Analyte					
N-NITROSOPIPERIDINE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
N-NITROSOPYRROLIDINE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
O-TOLUIDINE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
P-DIMETHYLAMINOAZOBENZENE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
PENTACHLOROETHANE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
PENTACHLORONITROBENZENE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
PENTACHLOROPHENOL (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
PHENACETIN (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
PHENANTHRENE (mg/kg)	7.6	3.6	23	19	120
PHENOL (mg/kg)	2.7 U	2.4 U	1.8 U	2.8 U	1.2
P-PHENYLENEDIAMINE (mg/kg)	270 U	240 U	180 U	280 U	110 U
PRONAMIDE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
PYRENE (mg/kg)	13	8.9	23	21	74
PYRIDINE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
SAFROLE (mg/kg)	13 U	12 U	8.8 U	14 U	5.5 U
INORGANICS					
PERCENT SOLIDS (%)	48.8	62.3	72.4	72.7	60.3
METALS					
ANTIMONY (mg/kg)	0.13 U	0.10 U	0.092 U	0.090 U	0.11 U
ARSENIC (mg/kg)	11.5	9.4	7.0	8.6	14.6
BARIUM (mg/kg)	122	61.6	74.9	58.3	119
BERYLLIUM (mg/kg)	0.57	0.36	0.40	0.49	0.52
CADMIUM (mg/kg)	6.2	5.0	2.8	2.6	4.7
CHROMIUM (mg/kg)	55.8	25.0	25.8	24.1	82.5
COBALT (mg/kg)	9.9	7.3	9.8	9.6	11.0
COPPER (mg/kg)	451	171	61.6	63.3	142
LEAD (mg/kg)	572	357	263	237	585
MERCURY (mg/kg)	3.3 J	0.65	0.19 J	0.17 J	1.1 J
NICKEL (mg/kg)	45.3	25.6	25.0	31.1	39.0
SELENIUM (mg/kg)	1.9	1.3 J	0.22	0.32	1.3
SILVER (mg/kg)	5.7	1.7 J	0.44 J	0.38 J	3.0 J
THALLIUM (mg/kg)	0.090 U	0.069 U	0.062 U	0.061 U	0.075 U
TIN (mg/kg)	47.8	17.7	5.9	8.1	20.9
VANADIUM (mg/kg)	44.4	14.3	22.4	18.7	24.6
ZINC (mg/kg)	436	225	202	211	252

Silver Lake Bank Wildcard Sediments
Housatonic River Project
Analytical Results - TO4

Site ID					
Location ID	BH001466	BH001466	BH001467	BH001467	BH001468
Field Sample ID	SL-BH001466-0-0000	SL-BH001466-0-0010	SL-BH001467-0-0000	SL-BH001467-0-0010	SL-BH001468-0-0000
Date Collected	04/09/2008	04/09/2008	04/09/2008	04/09/2008	04/09/2008
Depth	0.0-1.0	1.0-3.0	0.0-1.0	1.0-3.0	0.0-1.0
Source	EPA_COE	EPA_COE	EPA_COE	EPA_COE	EPA_COE
Analyte					
PCBS					
PCB, TOTAL (mg/kg)	610	810	50	5.7	NA
AROCLOR-1016 (mg/kg)	65 U	47 U	4.6 U	.44 U	NA
AROCLOR-1221 (mg/kg)	65 U	47 U	4.6 U	.44 U	NA
AROCLOR-1232 (mg/kg)	65 U	47 U	4.6 U	.44 U	NA
AROCLOR-1242 (mg/kg)	65 U	47 U	4.6 U	.44 U	NA
AROCLOR-1248 (mg/kg)	65 U	47 U	4.6 U	.44 U	NA
AROCLOR-1254 (mg/kg)	460	710	37	3.4	NA
AROCLOR-1260 (mg/kg)	150	100	13	2.3	NA
APP IX SEMIVOLATILES					
1,2,4,5-TETRACHLOROBENZENE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
HEXACHLOROBENZENE (mg/kg)	1.2 U	1 U	.52 U	1.7 U	1.6 U
PENTACHLOROBENZENE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
1,2,4-TRICHLOROBENZENE (mg/kg)	1.2 U	1 U	.52 U	1.7 U	1.6 U
1,2-DICHLOROBENZENE (mg/kg)	1.2 U	1 U	.52 U	1.7 U	1.6 U
1,3,5-TRINITROBENZENE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
1,3-DICHLOROBENZENE (mg/kg)	1.2 U	1 U	.52 U	1.7 U	1.6 U
1,3-DINITROBENZENE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
1,4-DICHLOROBENZENE (mg/kg)	1.2 U	1 U	.52 U	1.7 U	1.6 U
1,4-NAPHTHOQUINONE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
1-NAPHTHYLAMINE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
2,3,4,6-TETRACHLOROPHENOL (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
2,4,5-TRICHLOROPHENOL (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
2,4,6-TRICHLOROPHENOL (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
2,4-DICHLOROPHENOL (mg/kg)	1.2 U	1 U	.52 U	1.7 U	1.6 U
2,4-DIMETHYLPHENOL (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
2,4-DINITROPHENOL (mg/kg)	31 U	26 U	13 U	44 U	39 U
2,4-DINITROTOLUENE (mg/kg)	2.9 J	5.1 U	2.6 U	8.6 U	7.6 U
2,6-DICHLOROPHENOL (mg/kg)	1.2 U	1 U	.52 U	1.7 U	1.6 U
2,6-DINITROTOLUENE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
2-ACETYLAMINOFLUORENE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
2-CHLORONAPHTHALENE (mg/kg)	1.2 U	1 U	.52 U	1.7 U	1.6 U
2-CHLOROPHENOL (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
2-METHYLNAPHTHALENE (mg/kg)	1.2 U	1 U	.52 U	1.7 U	1.6 U
2-METHYLPHENOL (O-CRESOL) (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U

Silver Lake Bank Wildcard Sediments
Housatonic River Project
Analytical Results - TO4

Site ID					
Location ID	BH001466	BH001466	BH001467	BH001467	BH001468
Field Sample ID	SL-BH001466-0-0000	SL-BH001466-0-0010	SL-BH001467-0-0000	SL-BH001467-0-0010	SL-BH001468-0-0000
Date Collected	04/09/2008	04/09/2008	04/09/2008	04/09/2008	04/09/2008
Depth	0.0-1.0	1.0-3.0	0.0-1.0	1.0-3.0	0.0-1.0
Source	EPA_COE	EPA_COE	EPA_COE	EPA_COE	EPA_COE
Analyte					
2-NAPHTHYLAMINE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
2-NITROANILINE (mg/kg)	31 U	26 U	13 U	44 U	39 U
2-NITROPHENOL (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
2-PICOLINE (ALPHA-PICOLINE) (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
3,3'-DICHLOROBENZIDINE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
3,3'-DIMETHYLBENZIDINE (mg/kg)	31 U	26 U	13 U	44 U	39 U
3-METHYLCHOLANTHRENE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
3-NITROANILINE (mg/kg)	31 U	26 U	13 U	44 U	39 U
4,6-DINITRO-2-METHYLPHENOL (mg/kg)	31 U	26 U	13 U	44 U	39 U
4-AMINOBIIPHENYL (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
4-BROMOPHENYL PHENYL ETHER (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
4-CHLORO-3-METHYLPHENOL (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
4-CHLOROANILINE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
4-CHLOROPHENYL PHENYL ETHER (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
4-METHYLPHENOL (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
4-NITROANILINE (mg/kg)	31 U	26 U	13 U	44 U	39 U
4-NITROPHENOL (mg/kg)	31 U	26 U	13 U	44 U	39 U
4-NITROQUINOLINE-1-OXIDE (mg/kg)	31 U	26 U	13 U	44 U	39 R
5-NITRO-O-TOLUIDINE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
7,12-DIMETHYLBENZ(A)ANTHRACENE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
A,A-DIMETHYLPHENETHYLAMINE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
ACENAPHTHENE (mg/kg)	1.2 U	1 U	.23 J	1.7 U	1.3 J
ACENAPHTHYLENE (mg/kg)	1.5	1 U	.86	.64 J	.91 J
ACETOPHENONE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
ANILINE (mg/kg)	.61 J	5.1 U	.51 J	8.6 U	7.6 U
ANTHRACENE (mg/kg)	1.2	1 U	.9	1.4 J	3.6
ARAMITE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
AZOBENZENE (mg/kg)	1.2 U	1 U	.52 U	1.7 U	1.6 U
BENZO(A)ANTHRACENE (mg/kg)	4	.67 J	3.4	4.9	11
BENZO(A)PYRENE (mg/kg)	4.2	.62 J	3.2	4.1	11
BENZO(B)FLUORANTHENE (mg/kg)	5.4	1.5	4.4	5.7	12
BENZO(GHI)PERYLENE (mg/kg)	3.6	.63 J	2.6	3.2	9.2
BENZO(K)FLUORANTHENE (mg/kg)	1.9	.33 J	1.4	2.2	4.3
BENZYL ALCOHOL (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
BIS(2-CHLOROETHOXY) METHANE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U

Silver Lake Bank Wildcard Sediments
Housatonic River Project
Analytical Results - TO4

Site ID					
Location ID	BH001466	BH001466	BH001467	BH001467	BH001468
Field Sample ID	SL-BH001466-0-0000	SL-BH001466-0-0010	SL-BH001467-0-0000	SL-BH001467-0-0010	SL-BH001468-0-0000
Date Collected	04/09/2008	04/09/2008	04/09/2008	04/09/2008	04/09/2008
Depth	0.0-1.0	1.0-3.0	0.0-1.0	1.0-3.0	0.0-1.0
Source	EPA_COE	EPA_COE	EPA_COE	EPA_COE	EPA_COE
Analyte					
BIS(2-CHLOROETHYL) ETHER (mg/kg)	1.2 U	1 U	.52 U	1.7 U	1.6 U
BIS(2-CHLOROISOPROPYL) ETHER (mg/kg)	1.2 U	1 U	.52 U	1.7 U	1.6 U
BIS(2-ETHYLHEXYL) PHTHALATE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
BUTYLBENZYLPHTHALATE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
CHLOROBENZILATE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
CHRYSENE (mg/kg)	4.8	.73 J	3.8	4.4	12
DIALLATE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
DIBENZO(A,H)ANTHRACENE (mg/kg)	.95 J	1 U	.86	.73 J	3.1
DIBENZOFURAN (mg/kg)	5.9 U	5.1 U	.14 J	8.6 U	.76 J
DIETHYL PHTHALATE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
DIMETHYL PHTHALATE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
DI-N-BUTYL PHTHALATE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	4.2 J
DI-N-OCTYL PHTHALATE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
DINOSEB (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
ETHYL METHANESULFONATE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
FLUORANTHENE (mg/kg)	8.5	1.3	7.3	8.9	22
FLUORENE (mg/kg)	.41 J	1 U	.29 J	1.7 U	1.2 J
HEXACHLOROBUTADIENE (mg/kg)	1.2 U	1 U	.52 U	1.7 U	1.6 U
HEXACHLOROCYCLOPENTADIENE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
HEXACHLOROETHANE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
HEXACHLOROPROPENE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
INDENO(1,2,3-C,D)PYRENE (mg/kg)	3.3	.87 J	2.5	3.4	7.4
ISOPHORONE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
ISOSAFROLE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
METHAPYRILENE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
METHYL METHANESULFONATE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
NAPHTHALENE (mg/kg)	1.2 U	1 U	.2 J	1.7 U	.45 J
NITROBENZENE (mg/kg)	1.2 U	1 U	.52 U	1.7 U	1.6 U
NITROSOMETHYLETHYLAMINE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
N-NITROSODIETHYLAMINE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
N-NITROSODIMETHYLAMINE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
N-NITROSO-DI-N-BUTYLAMINE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
N-NITROSO-DI-N-PROPYLAMINE (mg/kg)	1.2 U	1 U	.52 U	1.7 U	1.6 U
N-NITROSODIPHENYLAMINE (mg/kg)	1.2 U	1 U	.52 U	1.7 U	1.6 U
N-NITROSOMORPHOLINE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U

Silver Lake Bank Wildcard Sediments
Housatonic River Project
Analytical Results - TO4

Site ID					
Location ID	BH001466	BH001466	BH001467	BH001467	BH001468
Field Sample ID	SL-BH001466-0-0000	SL-BH001466-0-0010	SL-BH001467-0-0000	SL-BH001467-0-0010	SL-BH001468-0-0000
Date Collected	04/09/2008	04/09/2008	04/09/2008	04/09/2008	04/09/2008
Depth	0.0-1.0	1.0-3.0	0.0-1.0	1.0-3.0	0.0-1.0
Source	EPA_COE	EPA_COE	EPA_COE	EPA_COE	EPA_COE
Analyte					
N-NITROSOPIPERIDINE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
N-NITROSOPYRROLIDINE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
O-TOLUIDINE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
P-DIMETHYLAMINOAZOBENZENE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
PENTACHLOROETHANE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
PENTACHLORONITROBENZENE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
PENTACHLOROPHENOL (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
PHENACETIN (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
PHENANTHRENE (mg/kg)	4	.59 J	3.9	5.1	17
PHENOL (mg/kg)	1.2 U	1 U	.52 U	1.7 U	1.6 U
P-PHENYLENEDIAMINE (mg/kg)	120 U	100 U	52 U	170 U	160 U
PRONAMIDE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
PYRENE (mg/kg)	7.8	1	6.7	7.6	24
PYRIDINE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
SAFROLE (mg/kg)	5.9 U	5.1 U	2.6 U	8.6 U	7.6 U
INORGANICS					
PERCENT SOLIDS (%)	51.5	71.0	71.7	75.3	81.0
METALS					
ANTIMONY (mg/kg)	0.12 U	0.087 U	0.089 U	0.086 U	0.077 U
ARSENIC (mg/kg)	12.0	12.3	15.1	14.9	10.6
BARIUM (mg/kg)	66.7	45.4	138	124	64.6
BERYLLIUM (mg/kg)	0.46	0.39	0.60	0.51	0.41
CADMIUM (mg/kg)	1.7	0.55	1.9	0.93	1.3
CHROMIUM (mg/kg)	24.4	15.3	21.3	17.8	14.3
COBALT (mg/kg)	8.6	8.5	8.7	11.5	10.6
COPPER (mg/kg)	186	78.3	183	132	85.0
LEAD (mg/kg)	304	439	434	236	185
MERCURY (mg/kg)	2.4 J	0.43 J	1.3 J	1.9 J	0.76 J
NICKEL (mg/kg)	37.1	18.2	33.0	40.2	28.4
SELENIUM (mg/kg)	1.0	0.21	1.2	0.38	0.29
SILVER (mg/kg)	3.0 J	0.52 J	0.87 J	1.0 J	0.032 U
THALLIUM (mg/kg)	0.083 U	0.059 U	0.060 U	0.058 U	0.052 U
TIN (mg/kg)	30.1	21.2	17.3	24.9	6.5
VANADIUM (mg/kg)	54.7	13.5	45.1	25.3	24.1
ZINC (mg/kg)	236	101	271	229	186

Silver Lake Bank Wildcard Sediments
Housatonic River Project
Analytical Results - TO4

Site ID					
Location ID	BH001468	BH001469	BH001469	BH001469	BH001470
Field Sample ID	SL-BH001468-0-0010	SL-BH001469-0-0000	SL-BH001469-0-0010	SL-BH001469-0-0030	SL-BH001470-0-0000
Date Collected	04/09/2008	04/09/2008	04/09/2008	04/09/2008	04/09/2008
Depth	1.0-3.0	0.0-1.0	1.0-3.0	3.0-6.0	0.0-1.0
Source	EPA_COE	EPA_COE	EPA_COE	EPA_COE	EPA_COE
Analyte					
PCBS					
PCB, TOTAL (mg/kg)	NA	480	20	35	76
AROCLOR-1016 (mg/kg)	NA	53 U	1.6 U	2.7 U	5.4 U
AROCLOR-1221 (mg/kg)	NA	53 U	1.6 U	2.7 U	5.4 U
AROCLOR-1232 (mg/kg)	NA	53 U	1.6 U	2.7 U	5.4 U
AROCLOR-1242 (mg/kg)	NA	53 U	1.6 U	2.7 U	5.4 U
AROCLOR-1248 (mg/kg)	NA	53 U	1.6 U	2.7 U	5.4 U
AROCLOR-1254 (mg/kg)	NA	380	14	29	35
AROCLOR-1260 (mg/kg)	NA	100	6.3	6.2	41
APP IX SEMIVOLATILES					
1,2,4,5-TETRACHLOROBENZENE (mg/kg)	1.9 U	NA	NA	NA	NA
HEXACHLOROBENZENE (mg/kg)	.39 U	NA	NA	NA	NA
PENTACHLOROBENZENE (mg/kg)	1.9 U	NA	NA	NA	NA
1,2,4-TRICHLOROBENZENE (mg/kg)	.39 U	NA	NA	NA	NA
1,2-DICHLOROBENZENE (mg/kg)	.39 U	NA	NA	NA	NA
1,3,5-TRINITROBENZENE (mg/kg)	1.9 U	NA	NA	NA	NA
1,3-DICHLOROBENZENE (mg/kg)	.39 U	NA	NA	NA	NA
1,3-DINITROBENZENE (mg/kg)	1.9 U	NA	NA	NA	NA
1,4-DICHLOROBENZENE (mg/kg)	.39 U	NA	NA	NA	NA
1,4-NAPHTHOQUINONE (mg/kg)	1.9 U	NA	NA	NA	NA
1-NAPHTHYLAMINE (mg/kg)	1.9 U	NA	NA	NA	NA
2,3,4,6-TETRACHLOROPHENOL (mg/kg)	1.9 U	NA	NA	NA	NA
2,4,5-TRICHLOROPHENOL (mg/kg)	1.9 U	NA	NA	NA	NA
2,4,6-TRICHLOROPHENOL (mg/kg)	1.9 U	NA	NA	NA	NA
2,4-DICHLOROPHENOL (mg/kg)	.39 U	NA	NA	NA	NA
2,4-DIMETHYLPHENOL (mg/kg)	1.9 U	NA	NA	NA	NA
2,4-DINITROPHENOL (mg/kg)	10 U	NA	NA	NA	NA
2,4-DINITROTOLUENE (mg/kg)	1.9 U	NA	NA	NA	NA
2,6-DICHLOROPHENOL (mg/kg)	.39 U	NA	NA	NA	NA
2,6-DINITROTOLUENE (mg/kg)	1.9 U	NA	NA	NA	NA
2-ACETYLAMINOFLUORENE (mg/kg)	1.9 U	NA	NA	NA	NA
2-CHLORONAPHTHALENE (mg/kg)	.39 U	NA	NA	NA	NA
2-CHLOROPHENOL (mg/kg)	1.9 U	NA	NA	NA	NA
2-METHYLNAPHTHALENE (mg/kg)	.39 U	NA	NA	NA	NA
2-METHYLPHENOL (O-CRESOL) (mg/kg)	1.9 U	NA	NA	NA	NA

Silver Lake Bank Wildcard Sediments
Housatonic River Project
Analytical Results - TO4

Site ID	BH001468	BH001469	BH001469	BH001469	BH001470
Location ID	BH001468	BH001469	BH001469	BH001469	BH001470
Field Sample ID	SL-BH001468-0-0010	SL-BH001469-0-0000	SL-BH001469-0-0010	SL-BH001469-0-0030	SL-BH001470-0-0000
Date Collected	04/09/2008	04/09/2008	04/09/2008	04/09/2008	04/09/2008
Depth	1.0-3.0	0.0-1.0	1.0-3.0	3.0-6.0	0.0-1.0
Source	EPA_COE	EPA_COE	EPA_COE	EPA_COE	EPA_COE
Analyte					
2-NAPHTHYLAMINE (mg/kg)	1.9 U	NA	NA	NA	NA
2-NITROANILINE (mg/kg)	10 U	NA	NA	NA	NA
2-NITROPHENOL (mg/kg)	1.9 U	NA	NA	NA	NA
2-PICOLINE (ALPHA-PICOLINE) (mg/kg)	1.9 U	NA	NA	NA	NA
3,3'-DICHLOROBENZIDINE (mg/kg)	1.9 U	NA	NA	NA	NA
3,3'-DIMETHYLBENZIDINE (mg/kg)	10 U	NA	NA	NA	NA
3-METHYLCHOLANTHRENE (mg/kg)	1.9 U	NA	NA	NA	NA
3-NITROANILINE (mg/kg)	10 U	NA	NA	NA	NA
4,6-DINITRO-2-METHYLPHENOL (mg/kg)	10 U	NA	NA	NA	NA
4-AMINOBIIPHENYL (mg/kg)	1.9 U	NA	NA	NA	NA
4-BROMOPHENYL PHENYL ETHER (mg/kg)	1.9 U	NA	NA	NA	NA
4-CHLORO-3-METHYLPHENOL (mg/kg)	1.9 U	NA	NA	NA	NA
4-CHLOROANILINE (mg/kg)	1.9 U	NA	NA	NA	NA
4-CHLOROPHENYL PHENYL ETHER (mg/kg)	1.9 U	NA	NA	NA	NA
4-METHYLPHENOL (mg/kg)	1.9 U	NA	NA	NA	NA
4-NITROANILINE (mg/kg)	10 U	NA	NA	NA	NA
4-NITROPHENOL (mg/kg)	10 U	NA	NA	NA	NA
4-NITROQUINOLINE-1-OXIDE (mg/kg)	10 R	NA	NA	NA	NA
5-NITRO-O-TOLUIDINE (mg/kg)	1.9 U	NA	NA	NA	NA
7,12-DIMETHYLBENZ(A)ANTHRACENE (mg/kg)	1.9 U	NA	NA	NA	NA
A,A-DIMETHYLPHENETHYLAMINE (mg/kg)	1.9 U	NA	NA	NA	NA
ACENAPHTHENE (mg/kg)	.37 J	NA	NA	NA	NA
ACENAPHTHYLENE (mg/kg)	.15 J	NA	NA	NA	NA
ACETOPHENONE (mg/kg)	1.9 U	NA	NA	NA	NA
ANILINE (mg/kg)	1.9 U	NA	NA	NA	NA
ANTHRACENE (mg/kg)	.82	NA	NA	NA	NA
ARAMITE (mg/kg)	1.9 U	NA	NA	NA	NA
AZOBENZENE (mg/kg)	.39 U	NA	NA	NA	NA
BENZO(A)ANTHRACENE (mg/kg)	2.5	NA	NA	NA	NA
BENZO(A)PYRENE (mg/kg)	2.2	NA	NA	NA	NA
BENZO(B)FLUORANTHENE (mg/kg)	2.1	NA	NA	NA	NA
BENZO(GHI)PERYLENE (mg/kg)	1.5	NA	NA	NA	NA
BENZO(K)FLUORANTHENE (mg/kg)	.75	NA	NA	NA	NA
BENZYL ALCOHOL (mg/kg)	1.9 U	NA	NA	NA	NA
BIS(2-CHLOROETHOXY) METHANE (mg/kg)	1.9 U	NA	NA	NA	NA

Silver Lake Bank Wildcard Sediments
Housatonic River Project
Analytical Results - TO4

Site ID					
Location ID	BH001468	BH001469	BH001469	BH001469	BH001470
Field Sample ID	SL-BH001468-0-0010	SL-BH001469-0-0000	SL-BH001469-0-0010	SL-BH001469-0-0030	SL-BH001470-0-0000
Date Collected	04/09/2008	04/09/2008	04/09/2008	04/09/2008	04/09/2008
Depth	1.0-3.0	0.0-1.0	1.0-3.0	3.0-6.0	0.0-1.0
Source	EPA_COE	EPA_COE	EPA_COE	EPA_COE	EPA_COE
Analyte					
BIS(2-CHLOROETHYL) ETHER (mg/kg)	.39 U	NA	NA	NA	NA
BIS(2-CHLOROISOPROPYL) ETHER (mg/kg)	.39 U	NA	NA	NA	NA
BIS(2-ETHYLHEXYL) PHTHALATE (mg/kg)	1.9 U	NA	NA	NA	NA
BUTYLBENZYLPHTHALATE (mg/kg)	1.9 U	NA	NA	NA	NA
CHLOROBENZILATE (mg/kg)	1.9 U	NA	NA	NA	NA
CHRYSENE (mg/kg)	2.1	NA	NA	NA	NA
DIALLATE (mg/kg)	1.9 U	NA	NA	NA	NA
DIBENZO(A,H)ANTHRACENE (mg/kg)	.63	NA	NA	NA	NA
DIBENZOFURAN (mg/kg)	.21 J	NA	NA	NA	NA
DIETHYL PHTHALATE (mg/kg)	1.9 U	NA	NA	NA	NA
DIMETHYL PHTHALATE (mg/kg)	1.9 U	NA	NA	NA	NA
DI-N-BUTYL PHTHALATE (mg/kg)	1.9 U	NA	NA	NA	NA
DI-N-OCTYL PHTHALATE (mg/kg)	1.9 U	NA	NA	NA	NA
DINOSEB (mg/kg)	1.9 U	NA	NA	NA	NA
ETHYL METHANESULFONATE (mg/kg)	1.9 U	NA	NA	NA	NA
FLUORANTHENE (mg/kg)	4.7	NA	NA	NA	NA
FLUORENE (mg/kg)	.32 J	NA	NA	NA	NA
HEXACHLOROBUTADIENE (mg/kg)	.39 U	NA	NA	NA	NA
HEXACHLOROCYCLOPENTADIENE (mg/kg)	1.9 U	NA	NA	NA	NA
HEXACHLOROETHANE (mg/kg)	1.9 U	NA	NA	NA	NA
HEXACHLOROPROPENE (mg/kg)	1.9 U	NA	NA	NA	NA
INDENO(1,2,3-C,D)PYRENE (mg/kg)	1.3	NA	NA	NA	NA
ISOPHORONE (mg/kg)	1.9 U	NA	NA	NA	NA
ISOSAFROLE (mg/kg)	1.9 U	NA	NA	NA	NA
METHAPYRILENE (mg/kg)	1.9 U	NA	NA	NA	NA
METHYL METHANESULFONATE (mg/kg)	1.9 U	NA	NA	NA	NA
NAPHTHALENE (mg/kg)	.17 J	NA	NA	NA	NA
NITROBENZENE (mg/kg)	.39 U	NA	NA	NA	NA
NITROSOMETHYLETHYLAMINE (mg/kg)	1.9 U	NA	NA	NA	NA
N-NITROSODIETHYLAMINE (mg/kg)	1.9 U	NA	NA	NA	NA
N-NITROSODIMETHYLAMINE (mg/kg)	1.9 U	NA	NA	NA	NA
N-NITROSO-DI-N-BUTYLAMINE (mg/kg)	1.9 U	NA	NA	NA	NA
N-NITROSO-DI-N-PROPYLAMINE (mg/kg)	.39 U	NA	NA	NA	NA
N-NITROSODIPHENYLAMINE (mg/kg)	.39 U	NA	NA	NA	NA
N-NITROSOMORPHOLINE (mg/kg)	1.9 U	NA	NA	NA	NA

Silver Lake Bank Wildcard Sediments
Housatonic River Project
Analytical Results - TO4

Site ID					
Location ID	BH001468	BH001469	BH001469	BH001469	BH001470
Field Sample ID	SL-BH001468-0-0010	SL-BH001469-0-0000	SL-BH001469-0-0010	SL-BH001469-0-0030	SL-BH001470-0-0000
Date Collected	04/09/2008	04/09/2008	04/09/2008	04/09/2008	04/09/2008
Depth	1.0-3.0	0.0-1.0	1.0-3.0	3.0-6.0	0.0-1.0
Source	EPA_COE	EPA_COE	EPA_COE	EPA_COE	EPA_COE
Analyte					
N-NITROSOPIPERIDINE (mg/kg)	1.9 U	NA	NA	NA	NA
N-NITROSOPYRROLIDINE (mg/kg)	1.9 U	NA	NA	NA	NA
O-TOLUIDINE (mg/kg)	1.9 U	NA	NA	NA	NA
P-DIMETHYLAMINOAZOBENZENE (mg/kg)	1.9 U	NA	NA	NA	NA
PENTACHLOROETHANE (mg/kg)	1.9 U	NA	NA	NA	NA
PENTACHLORONITROBENZENE (mg/kg)	1.9 U	NA	NA	NA	NA
PENTACHLOROPHENOL (mg/kg)	1.9 U	NA	NA	NA	NA
PHENACETIN (mg/kg)	1.9 U	NA	NA	NA	NA
PHENANTHRENE (mg/kg)	4.3	NA	NA	NA	NA
PHENOL (mg/kg)	.39 U	NA	NA	NA	NA
P-PHENYLENEDIAMINE (mg/kg)	39 U	NA	NA	NA	NA
PRONAMIDE (mg/kg)	1.9 U	NA	NA	NA	NA
PYRENE (mg/kg)	4.6	NA	NA	NA	NA
PYRIDINE (mg/kg)	1.9 U	NA	NA	NA	NA
SAFROLE (mg/kg)	1.9 U	NA	NA	NA	NA
INORGANICS					
PERCENT SOLIDS (%)	84.5	62.8	51.9	60.7	31.2
METALS					
ANTIMONY (mg/kg)	0.073 U	NA	NA	NA	NA
ARSENIC (mg/kg)	11.1	NA	NA	NA	NA
BARIUM (mg/kg)	46.3	NA	NA	NA	NA
BERYLLIUM (mg/kg)	0.25	NA	NA	NA	NA
CADMIUM (mg/kg)	0.74	NA	NA	NA	NA
CHROMIUM (mg/kg)	15.0	NA	NA	NA	NA
COBALT (mg/kg)	12.8	NA	NA	NA	NA
COPPER (mg/kg)	64.5	NA	NA	NA	NA
LEAD (mg/kg)	64.0	577	932	1380	NA
MERCURY (mg/kg)	0.47 J	NA	NA	NA	NA
NICKEL (mg/kg)	25.1	NA	NA	NA	NA
SELENIUM (mg/kg)	0.16 U	NA	NA	NA	NA
SILVER (mg/kg)	0.030 U	NA	NA	NA	NA
THALLIUM (mg/kg)	0.049 U	NA	NA	NA	NA
TIN (mg/kg)	3.8	NA	NA	NA	NA
VANADIUM (mg/kg)	13.1	NA	NA	NA	NA
ZINC (mg/kg)	111	NA	NA	NA	NA

Silver Lake Bank Wildcard Sediments
Housatonic River Project
Analytical Results - TO4

Site ID					
Location ID	BH001470	BH001470	BH001471	BH001471	BH001471
Field Sample ID	SL-BH001470-0-0010	SL-BH001470-0-0030	SL-BH001471-0-0000	SL-BH001471-0-0010	SL-BH001471-0-0030
Date Collected	04/09/2008	04/09/2008	04/09/2008	04/09/2008	04/09/2008
Depth	1.0-3.0	3.0-6.0	0.0-1.0	1.0-3.0	3.0-6.0
Source	EPA_COE	EPA_COE	EPA_COE	EPA_COE	EPA_COE
Analyte					
PCBS					
PCB, TOTAL (mg/kg)	6.4	.2	210	34	.31
AROCLOR-1016 (mg/kg)	.54 U	.028 U	13 U	2.3 U	.025 U
AROCLOR-1221 (mg/kg)	.54 U	.028 U	13 U	2.3 U	.025 U
AROCLOR-1232 (mg/kg)	.54 U	.028 U	13 U	2.3 U	.025 U
AROCLOR-1242 (mg/kg)	.54 U	.028 U	13 U	2.3 U	.025 U
AROCLOR-1248 (mg/kg)	.54 U	.028 U	13 U	2.3 U	.025 U
AROCLOR-1254 (mg/kg)	1.3	.15	81	5.8 J	.17
AROCLOR-1260 (mg/kg)	5.1	.045	130	28	.14
APP IX SEMIVOLATILES					
1,2,4,5-TETRACHLOROBENZENE (mg/kg)	NA	NA	NA	NA	NA
HEXACHLOROBENZENE (mg/kg)	NA	NA	NA	NA	NA
PENTACHLOROBENZENE (mg/kg)	NA	NA	NA	NA	NA
1,2,4-TRICHLOROBENZENE (mg/kg)	NA	NA	NA	NA	NA
1,2-DICHLOROBENZENE (mg/kg)	NA	NA	NA	NA	NA
1,3,5-TRINITROBENZENE (mg/kg)	NA	NA	NA	NA	NA
1,3-DICHLOROBENZENE (mg/kg)	NA	NA	NA	NA	NA
1,3-DINITROBENZENE (mg/kg)	NA	NA	NA	NA	NA
1,4-DICHLOROBENZENE (mg/kg)	NA	NA	NA	NA	NA
1,4-NAPHTHOQUINONE (mg/kg)	NA	NA	NA	NA	NA
1-NAPHTHYLAMINE (mg/kg)	NA	NA	NA	NA	NA
2,3,4,6-TETRACHLOROPHENOL (mg/kg)	NA	NA	NA	NA	NA
2,4,5-TRICHLOROPHENOL (mg/kg)	NA	NA	NA	NA	NA
2,4,6-TRICHLOROPHENOL (mg/kg)	NA	NA	NA	NA	NA
2,4-DICHLOROPHENOL (mg/kg)	NA	NA	NA	NA	NA
2,4-DIMETHYLPHENOL (mg/kg)	NA	NA	NA	NA	NA
2,4-DINITROPHENOL (mg/kg)	NA	NA	NA	NA	NA
2,4-DINITROTOLUENE (mg/kg)	NA	NA	NA	NA	NA
2,6-DICHLOROPHENOL (mg/kg)	NA	NA	NA	NA	NA
2,6-DINITROTOLUENE (mg/kg)	NA	NA	NA	NA	NA
2-ACETYLAMINOFLUORENE (mg/kg)	NA	NA	NA	NA	NA
2-CHLORONAPHTHALENE (mg/kg)	NA	NA	NA	NA	NA
2-CHLOROPHENOL (mg/kg)	NA	NA	NA	NA	NA
2-METHYLNAPHTHALENE (mg/kg)	NA	NA	NA	NA	NA
2-METHYLPHENOL (O-CRESOL) (mg/kg)	NA	NA	NA	NA	NA

Silver Lake Bank Wildcard Sediments
Housatonic River Project
Analytical Results - TO4

Site ID					
Location ID	BH001470	BH001470	BH001471	BH001471	BH001471
Field Sample ID	SL-BH001470-0-0010	SL-BH001470-0-0030	SL-BH001471-0-0000	SL-BH001471-0-0010	SL-BH001471-0-0030
Date Collected	04/09/2008	04/09/2008	04/09/2008	04/09/2008	04/09/2008
Depth	1.0-3.0	3.0-6.0	0.0-1.0	1.0-3.0	3.0-6.0
Source	EPA_COE	EPA_COE	EPA_COE	EPA_COE	EPA_COE
Analyte					
2-NAPHTHYLAMINE (mg/kg)	NA	NA	NA	NA	NA
2-NITROANILINE (mg/kg)	NA	NA	NA	NA	NA
2-NITROPHENOL (mg/kg)	NA	NA	NA	NA	NA
2-PICOLINE (ALPHA-PICOLINE) (mg/kg)	NA	NA	NA	NA	NA
3,3'-DICHLOROBENZIDINE (mg/kg)	NA	NA	NA	NA	NA
3,3'-DIMETHYLBENZIDINE (mg/kg)	NA	NA	NA	NA	NA
3-METHYLCHOLANTHRENE (mg/kg)	NA	NA	NA	NA	NA
3-NITROANILINE (mg/kg)	NA	NA	NA	NA	NA
4,6-DINITRO-2-METHYLPHENOL (mg/kg)	NA	NA	NA	NA	NA
4-AMINOBIPHENYL (mg/kg)	NA	NA	NA	NA	NA
4-BROMOPHENYL PHENYL ETHER (mg/kg)	NA	NA	NA	NA	NA
4-CHLORO-3-METHYLPHENOL (mg/kg)	NA	NA	NA	NA	NA
4-CHLOROANILINE (mg/kg)	NA	NA	NA	NA	NA
4-CHLOROPHENYL PHENYL ETHER (mg/kg)	NA	NA	NA	NA	NA
4-METHYLPHENOL (mg/kg)	NA	NA	NA	NA	NA
4-NITROANILINE (mg/kg)	NA	NA	NA	NA	NA
4-NITROPHENOL (mg/kg)	NA	NA	NA	NA	NA
4-NITROQUINOLINE-1-OXIDE (mg/kg)	NA	NA	NA	NA	NA
5-NITRO-O-TOLUIDINE (mg/kg)	NA	NA	NA	NA	NA
7,12-DIMETHYLBENZ(A)ANTHRACENE (mg/kg)	NA	NA	NA	NA	NA
A,A-DIMETHYLPHENETHYLAMINE (mg/kg)	NA	NA	NA	NA	NA
ACENAPHTHENE (mg/kg)	NA	NA	NA	NA	NA
ACENAPHTHYLENE (mg/kg)	NA	NA	NA	NA	NA
ACETOPHENONE (mg/kg)	NA	NA	NA	NA	NA
ANILINE (mg/kg)	NA	NA	NA	NA	NA
ANTHRACENE (mg/kg)	NA	NA	NA	NA	NA
ARAMITE (mg/kg)	NA	NA	NA	NA	NA
AZOBENZENE (mg/kg)	NA	NA	NA	NA	NA
BENZO(A)ANTHRACENE (mg/kg)	NA	NA	NA	NA	NA
BENZO(A)PYRENE (mg/kg)	NA	NA	NA	NA	NA
BENZO(B)FLUORANTHENE (mg/kg)	NA	NA	NA	NA	NA
BENZO(GHI)PERYLENE (mg/kg)	NA	NA	NA	NA	NA
BENZO(K)FLUORANTHENE (mg/kg)	NA	NA	NA	NA	NA
BENZYL ALCOHOL (mg/kg)	NA	NA	NA	NA	NA
BIS(2-CHLOROETHOXY) METHANE (mg/kg)	NA	NA	NA	NA	NA

Silver Lake Bank Wildcard Sediments
Housatonic River Project
Analytical Results - TO4

Site ID					
Location ID	BH001470	BH001470	BH001471	BH001471	BH001471
Field Sample ID	SL-BH001470-0-0010	SL-BH001470-0-0030	SL-BH001471-0-0000	SL-BH001471-0-0010	SL-BH001471-0-0030
Date Collected	04/09/2008	04/09/2008	04/09/2008	04/09/2008	04/09/2008
Depth	1.0-3.0	3.0-6.0	0.0-1.0	1.0-3.0	3.0-6.0
Source	EPA_COE	EPA_COE	EPA_COE	EPA_COE	EPA_COE
Analyte					
BIS(2-CHLOROETHYL) ETHER (mg/kg)	NA	NA	NA	NA	NA
BIS(2-CHLOROISOPROPYL) ETHER (mg/kg)	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL) PHTHALATE (mg/kg)	NA	NA	NA	NA	NA
BUTYLBENZYLPHTHALATE (mg/kg)	NA	NA	NA	NA	NA
CHLOROBENZILATE (mg/kg)	NA	NA	NA	NA	NA
CHRYSENE (mg/kg)	NA	NA	NA	NA	NA
DIALLATE (mg/kg)	NA	NA	NA	NA	NA
DIBENZO(A,H)ANTHRACENE (mg/kg)	NA	NA	NA	NA	NA
DIBENZOFURAN (mg/kg)	NA	NA	NA	NA	NA
DIETHYL PHTHALATE (mg/kg)	NA	NA	NA	NA	NA
DIMETHYL PHTHALATE (mg/kg)	NA	NA	NA	NA	NA
DI-N-BUTYL PHTHALATE (mg/kg)	NA	NA	NA	NA	NA
DI-N-OCTYL PHTHALATE (mg/kg)	NA	NA	NA	NA	NA
DINOSEB (mg/kg)	NA	NA	NA	NA	NA
ETHYL METHANESULFONATE (mg/kg)	NA	NA	NA	NA	NA
FLUORANTHENE (mg/kg)	NA	NA	NA	NA	NA
FLUORENE (mg/kg)	NA	NA	NA	NA	NA
HEXACHLOROBUTADIENE (mg/kg)	NA	NA	NA	NA	NA
HEXACHLOROCYCLOPENTADIENE (mg/kg)	NA	NA	NA	NA	NA
HEXACHLOROETHANE (mg/kg)	NA	NA	NA	NA	NA
HEXACHLOROPROPENE (mg/kg)	NA	NA	NA	NA	NA
INDENO(1,2,3-C,D)PYRENE (mg/kg)	NA	NA	NA	NA	NA
ISOPHORONE (mg/kg)	NA	NA	NA	NA	NA
ISOSAFROLE (mg/kg)	NA	NA	NA	NA	NA
METHAPYRILENE (mg/kg)	NA	NA	NA	NA	NA
METHYL METHANESULFONATE (mg/kg)	NA	NA	NA	NA	NA
NAPHTHALENE (mg/kg)	NA	NA	NA	NA	NA
NITROBENZENE (mg/kg)	NA	NA	NA	NA	NA
NITROSOMETHYLETHYLAMINE (mg/kg)	NA	NA	NA	NA	NA
N-NITROSODIETHYLAMINE (mg/kg)	NA	NA	NA	NA	NA
N-NITROSODIMETHYLAMINE (mg/kg)	NA	NA	NA	NA	NA
N-NITROSO-DI-N-BUTYLAMINE (mg/kg)	NA	NA	NA	NA	NA
N-NITROSO-DI-N-PROPYLAMINE (mg/kg)	NA	NA	NA	NA	NA
N-NITROSODIPHENYLAMINE (mg/kg)	NA	NA	NA	NA	NA
N-NITROSOMORPHOLINE (mg/kg)	NA	NA	NA	NA	NA

Silver Lake Bank Wildcard Sediments
Housatonic River Project
Analytical Results - TO4

Site ID					
Location ID	BH001470	BH001470	BH001471	BH001471	BH001471
Field Sample ID	SL-BH001470-0-0010	SL-BH001470-0-0030	SL-BH001471-0-0000	SL-BH001471-0-0010	SL-BH001471-0-0030
Date Collected	04/09/2008	04/09/2008	04/09/2008	04/09/2008	04/09/2008
Depth	1.0-3.0	3.0-6.0	0.0-1.0	1.0-3.0	3.0-6.0
Source	EPA_COE	EPA_COE	EPA_COE	EPA_COE	EPA_COE
Analyte					
N-NITROSOPIPERIDINE (mg/kg)	NA	NA	NA	NA	NA
N-NITROSOPYRROLIDINE (mg/kg)	NA	NA	NA	NA	NA
O-TOLUIDINE (mg/kg)	NA	NA	NA	NA	NA
P-DIMETHYLAMINOAZOBENZENE (mg/kg)	NA	NA	NA	NA	NA
PENTACHLOROETHANE (mg/kg)	NA	NA	NA	NA	NA
PENTACHLORONITROBENZENE (mg/kg)	NA	NA	NA	NA	NA
PENTACHLOROPHENOL (mg/kg)	NA	NA	NA	NA	NA
PHENACETIN (mg/kg)	NA	NA	NA	NA	NA
PHENANTHRENE (mg/kg)	NA	NA	NA	NA	NA
PHENOL (mg/kg)	NA	NA	NA	NA	NA
P-PHENYLENEDIAMINE (mg/kg)	NA	NA	NA	NA	NA
PRONAMIDE (mg/kg)	NA	NA	NA	NA	NA
PYRENE (mg/kg)	NA	NA	NA	NA	NA
PYRIDINE (mg/kg)	NA	NA	NA	NA	NA
SAFROLE (mg/kg)	NA	NA	NA	NA	NA
INORGANICS					
PERCENT SOLIDS (%)	62.5	59.8	64.9	37.5	67.2
METALS					
ANTIMONY (mg/kg)	NA	NA	NA	NA	NA
ARSENIC (mg/kg)	NA	NA	NA	NA	NA
BARIUM (mg/kg)	NA	NA	NA	NA	NA
BERYLLIUM (mg/kg)	NA	NA	NA	NA	NA
CADMIUM (mg/kg)	NA	NA	NA	NA	NA
CHROMIUM (mg/kg)	NA	NA	NA	NA	NA
COBALT (mg/kg)	NA	NA	NA	NA	NA
COPPER (mg/kg)	NA	NA	NA	NA	NA
LEAD (mg/kg)	NA	NA	NA	NA	NA
MERCURY (mg/kg)	NA	NA	NA	NA	NA
NICKEL (mg/kg)	NA	NA	NA	NA	NA
SELENIUM (mg/kg)	NA	NA	NA	NA	NA
SILVER (mg/kg)	NA	NA	NA	NA	NA
THALLIUM (mg/kg)	NA	NA	NA	NA	NA
TIN (mg/kg)	NA	NA	NA	NA	NA
VANADIUM (mg/kg)	NA	NA	NA	NA	NA
ZINC (mg/kg)	NA	NA	NA	NA	NA

Silver Lake Bank Wildcard Sediments
Housatonic River Project
Analytical Results - TO4

Site ID					
Location ID	BH001472	BH001472	BH001473	BH001473	BH001474
Field Sample ID	SL-BH001472-0-0000	SL-BH001472-0-0010	SL-BH001473-0-0000	SL-BH001473-0-0010	SL-BH001474-0-0000
Date Collected	04/09/2008	04/09/2008	04/09/2008	04/09/2008	04/09/2008
Depth	0.0-1.0	1.0-3.0	0.0-1.0	1.0-3.0	0.0-1.0
Source	EPA_COE	EPA_COE	EPA_COE	EPA_COE	EPA_COE
Analyte					
PCBS					
PCB, TOTAL (mg/kg)	3.4	88	NA	NA	NA
AROCLOR-1016 (mg/kg)	.15 U	5.4 U	NA	NA	NA
AROCLOR-1221 (mg/kg)	.15 U	5.4 U	NA	NA	NA
AROCLOR-1232 (mg/kg)	.15 U	5.4 U	NA	NA	NA
AROCLOR-1242 (mg/kg)	.15 U	5.4 U	NA	NA	NA
AROCLOR-1248 (mg/kg)	.15 U	5.4 U	NA	NA	NA
AROCLOR-1254 (mg/kg)	2.4	55	NA	NA	NA
AROCLOR-1260 (mg/kg)	.99	33	NA	NA	NA
APP IX SEMIVOLATILES					
1,2,4,5-TETRACHLOROBENZENE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
HEXACHLOROBENZENE (mg/kg)	NA	NA	1.8 U	1.7 U	1.6 U
PENTACHLOROBENZENE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
1,2,4-TRICHLOROBENZENE (mg/kg)	NA	NA	1.8 U	1.7 U	1.6 U
1,2-DICHLOROBENZENE (mg/kg)	NA	NA	1.8 U	1.7 U	1.6 U
1,3,5-TRINITROBENZENE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
1,3-DICHLOROBENZENE (mg/kg)	NA	NA	1.8 U	1.7 U	1.6 U
1,3-DINITROBENZENE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
1,4-DICHLOROBENZENE (mg/kg)	NA	NA	1.8 U	1.7 U	1.6 U
1,4-NAPHTHOQUINONE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
1-NAPHTHYLAMINE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
2,3,4,6-TETRACHLOROPHENOL (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
2,4,5-TRICHLOROPHENOL (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
2,4,6-TRICHLOROPHENOL (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
2,4-DICHLOROPHENOL (mg/kg)	NA	NA	1.8 U	1.7 U	1.6 U
2,4-DIMETHYLPHENOL (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
2,4-DINITROPHENOL (mg/kg)	NA	NA	45 U	42 U	41 U
2,4-DINITROTOLUENE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
2,6-DICHLOROPHENOL (mg/kg)	NA	NA	1.8 U	1.7 U	1.6 U
2,6-DINITROTOLUENE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
2-ACETYLAMINOFLUORENE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
2-CHLORONAPHTHALENE (mg/kg)	NA	NA	1.8 U	1.7 U	1.6 U
2-CHLOROPHENOL (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
2-METHYLNAPHTHALENE (mg/kg)	NA	NA	1.8 U	1.7 U	1.6 U
2-METHYLPHENOL (O-CRESOL) (mg/kg)	NA	NA	8.8 U	8.2 U	8 U

Silver Lake Bank Wildcard Sediments
Housatonic River Project
Analytical Results - TO4

Site ID					
Location ID	BH001472	BH001472	BH001473	BH001473	BH001474
Field Sample ID	SL-BH001472-0-0000	SL-BH001472-0-0010	SL-BH001473-0-0000	SL-BH001473-0-0010	SL-BH001474-0-0000
Date Collected	04/09/2008	04/09/2008	04/09/2008	04/09/2008	04/09/2008
Depth	0.0-1.0	1.0-3.0	0.0-1.0	1.0-3.0	0.0-1.0
Source	EPA_COE	EPA_COE	EPA_COE	EPA_COE	EPA_COE
Analyte					
2-NAPHTHYLAMINE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
2-NITROANILINE (mg/kg)	NA	NA	45 U	42 U	41 U
2-NITROPHENOL (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
2-PICOLINE (ALPHA-PICOLINE) (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
3,3'-DICHLOROBENZIDINE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
3,3'-DIMETHYLBENZIDINE (mg/kg)	NA	NA	45 U	42 U	41 U
3-METHYLCHOLANTHRENE (mg/kg)	NA	NA	2.8 J	8.2 U	8 U
3-NITROANILINE (mg/kg)	NA	NA	45 U	42 U	41 U
4,6-DINITRO-2-METHYLPHENOL (mg/kg)	NA	NA	45 U	42 U	41 U
4-AMINOBIPHENYL (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
4-BROMOPHENYL PHENYL ETHER (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
4-CHLORO-3-METHYLPHENOL (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
4-CHLOROANILINE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
4-CHLOROPHENYL PHENYL ETHER (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
4-METHYLPHENOL (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
4-NITROANILINE (mg/kg)	NA	NA	45 U	42 U	41 U
4-NITROPHENOL (mg/kg)	NA	NA	45 U	42 U	41 U
4-NITROQUINOLINE-1-OXIDE (mg/kg)	NA	NA	45 R	42 R	41 R
5-NITRO-O-TOLUIDINE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
7,12-DIMETHYLBENZ(A)ANTHRACENE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
A,A-DIMETHYLPHENETHYLAMINE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
ACENAPHTHENE (mg/kg)	NA	NA	1.8 U	1.7 U	1.6 U
ACENAPHTHYLENE (mg/kg)	NA	NA	1.3 J	1.4 J	.52 J
ACETOPHENONE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
ANILINE (mg/kg)	NA	NA	.39 J	8.2 U	8 U
ANTHRACENE (mg/kg)	NA	NA	1.1 J	2	1.6 U
ARAMITE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
AZOBENZENE (mg/kg)	NA	NA	1.8 U	1.7 U	1.6 U
BENZO(A)ANTHRACENE (mg/kg)	NA	NA	6.9	7.1	1.6
BENZO(A)PYRENE (mg/kg)	NA	NA	9.6	9.2	4.2
BENZO(B)FLUORANTHENE (mg/kg)	NA	NA	9.4	8.2	3.8
BENZO(GHI)PERYLENE (mg/kg)	NA	NA	10	7.3	1.6
BENZO(K)FLUORANTHENE (mg/kg)	NA	NA	3.5	2.8	1.2 J
BENZYL ALCOHOL (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
BIS(2-CHLOROETHOXY) METHANE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U

Silver Lake Bank Wildcard Sediments
Housatonic River Project
Analytical Results - TO4

Site ID					
Location ID	BH001472	BH001472	BH001473	BH001473	BH001474
Field Sample ID	SL-BH001472-0-0000	SL-BH001472-0-0010	SL-BH001473-0-0000	SL-BH001473-0-0010	SL-BH001474-0-0000
Date Collected	04/09/2008	04/09/2008	04/09/2008	04/09/2008	04/09/2008
Depth	0.0-1.0	1.0-3.0	0.0-1.0	1.0-3.0	0.0-1.0
Source	EPA_COE	EPA_COE	EPA_COE	EPA_COE	EPA_COE
Analyte					
BIS(2-CHLOROETHYL) ETHER (mg/kg)	NA	NA	1.8 U	1.7 U	1.6 U
BIS(2-CHLOROISOPROPYL) ETHER (mg/kg)	NA	NA	1.8 U	1.7 U	1.6 U
BIS(2-ETHYLHEXYL) PHTHALATE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
BUTYLBENZYLPHTHALATE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
CHLOROBENZILATE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
CHRYSENE (mg/kg)	NA	NA	6.9	5.9	1.8
DIALLATE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
DIBENZO(A,H)ANTHRACENE (mg/kg)	NA	NA	3.1	3	1.6 U
DIBENZOFURAN (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
DIETHYL PHTHALATE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
DIMETHYL PHTHALATE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
DI-N-BUTYL PHTHALATE (mg/kg)	NA	NA	8.8 U	8.2 U	7.3 J
DI-N-OCTYL PHTHALATE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
DINOSEB (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
ETHYL METHANESULFONATE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
FLUORANTHENE (mg/kg)	NA	NA	15	14	2.6
FLUORENE (mg/kg)	NA	NA	1.8 U	.44 J	1.6 U
HEXACHLOROBUTADIENE (mg/kg)	NA	NA	1.8 U	1.7 U	1.6 U
HEXACHLOROCYCLOPENTADIENE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
HEXACHLOROETHANE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
HEXACHLOROPROPENE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
INDENO(1,2,3-C,D)PYRENE (mg/kg)	NA	NA	7.5	6.6	4.4
ISOPHORONE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
ISOSAFROLE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
METHAPYRILENE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
METHYL METHANESULFONATE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
NAPHTHALENE (mg/kg)	NA	NA	1.8 U	.42 J	1.6 U
NITROBENZENE (mg/kg)	NA	NA	1.8 U	1.7 U	1.6 U
NITROSOMETHYLETHYLAMINE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
N-NITROSODIETHYLAMINE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
N-NITROSODIMETHYLAMINE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
N-NITROSO-DI-N-BUTYLAMINE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
N-NITROSO-DI-N-PROPYLAMINE (mg/kg)	NA	NA	1.8 U	1.7 U	1.6 U
N-NITROSODIPHENYLAMINE (mg/kg)	NA	NA	1.8 U	1.7 U	1.6 U
N-NITROSOMORPHOLINE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U

Silver Lake Bank Wildcard Sediments
Housatonic River Project
Analytical Results - TO4

Site ID					
Location ID	BH001472	BH001472	BH001473	BH001473	BH001474
Field Sample ID	SL-BH001472-0-0000	SL-BH001472-0-0010	SL-BH001473-0-0000	SL-BH001473-0-0010	SL-BH001474-0-0000
Date Collected	04/09/2008	04/09/2008	04/09/2008	04/09/2008	04/09/2008
Depth	0.0-1.0	1.0-3.0	0.0-1.0	1.0-3.0	0.0-1.0
Source	EPA_COE	EPA_COE	EPA_COE	EPA_COE	EPA_COE
Analyte					
N-NITROSOPIPERIDINE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
N-NITROSOPYRROLIDINE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
O-TOLUIDINE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
P-DIMETHYLAMINOAZOBENZENE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
PENTACHLOROETHANE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
PENTACHLORONITROBENZENE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
PENTACHLOROPHENOL (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
PHENACETIN (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
PHENANTHRENE (mg/kg)	NA	NA	5	5.6	1 J
PHENOL (mg/kg)	NA	NA	1.8 U	1.7 U	1.6 U
P-PHENYLENEDIAMINE (mg/kg)	NA	NA	180 U	170 U	160 U
PRONAMIDE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
PYRENE (mg/kg)	NA	NA	13	12	2.8
PYRIDINE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
SAFROLE (mg/kg)	NA	NA	8.8 U	8.2 U	8 U
INORGANICS					
PERCENT SOLIDS (%)	54.1	62.3	69.8	81.1	80.0
METALS					
ANTIMONY (mg/kg)	NA	NA	1.6	2.2	0.76
ARSENIC (mg/kg)	NA	NA	13.9	8.9	5.6
BARIUM (mg/kg)	NA	NA	80.1	72.7	38.3
BERYLLIUM (mg/kg)	NA	NA	0.40	0.47	0.41
CADMIUM (mg/kg)	NA	NA	2.4	0.57	0.86
CHROMIUM (mg/kg)	NA	NA	23.8	13.6	11.1
COBALT (mg/kg)	NA	NA	10.1	11.1	7.2
COPPER (mg/kg)	NA	NA	4990	104	47.2
LEAD (mg/kg)	NA	NA	449	150	136
MERCURY (mg/kg)	NA	NA	1.5 J	0.62 J	0.30 J
NICKEL (mg/kg)	NA	NA	42.8	23.3	21.4
SELENIUM (mg/kg)	NA	NA	0.78	0.18 U	0.25
SILVER (mg/kg)	NA	NA	0.85	0.11	0.23
THALLIUM (mg/kg)	NA	NA	0.063 U	0.057 U	0.052 U
TIN (mg/kg)	NA	NA	232	38.4	3.4
VANADIUM (mg/kg)	NA	NA	77.7	16.8	30.8
ZINC (mg/kg)	NA	NA	690	158	157

Silver Lake Bank Wildcard Sediments
Housatonic River Project
Analytical Results - TO4

Site ID	
Location ID	BH001474
Field Sample ID	SL-BH001474-0-0010
Date Collected	04/09/2008
Depth	1.0-3.0
Source	EPA_COE
Analyte	
PCBS	
PCB, TOTAL (mg/kg)	NA
AROCLOR-1016 (mg/kg)	NA
AROCLOR-1221 (mg/kg)	NA
AROCLOR-1232 (mg/kg)	NA
AROCLOR-1242 (mg/kg)	NA
AROCLOR-1248 (mg/kg)	NA
AROCLOR-1254 (mg/kg)	NA
AROCLOR-1260 (mg/kg)	NA
APP IX SEMIVOLATILES	
1,2,4,5-TETRACHLOROBENZENE (mg/kg)	2.3 U
HEXACHLOROBENZENE (mg/kg)	.47 U
PENTACHLOROBENZENE (mg/kg)	2.3 U
1,2,4-TRICHLOROBENZENE (mg/kg)	.47 U
1,2-DICHLOROBENZENE (mg/kg)	.47 U
1,3,5-TRINITROBENZENE (mg/kg)	2.3 U
1,3-DICHLOROBENZENE (mg/kg)	.47 U
1,3-DINITROBENZENE (mg/kg)	2.3 U
1,4-DICHLOROBENZENE (mg/kg)	.47 U
1,4-NAPHTHOQUINONE (mg/kg)	2.3 U
1-NAPHTHYLAMINE (mg/kg)	2.3 U
2,3,4,6-TETRACHLOROPHENOL (mg/kg)	2.3 U
2,4,5-TRICHLOROPHENOL (mg/kg)	2.3 U
2,4,6-TRICHLOROPHENOL (mg/kg)	2.3 U
2,4-DICHLOROPHENOL (mg/kg)	.47 U
2,4-DIMETHYLPHENOL (mg/kg)	2 J
2,4-DINITROPHENOL (mg/kg)	12 U
2,4-DINITROTOLUENE (mg/kg)	2.3 U
2,6-DICHLOROPHENOL (mg/kg)	.47 U
2,6-DINITROTOLUENE (mg/kg)	2.3 U
2-ACETYLAMINOFLUORENE (mg/kg)	2.3 U
2-CHLORONAPHTHALENE (mg/kg)	.47 U
2-CHLOROPHENOL (mg/kg)	2.3 U
2-METHYLNAPHTHALENE (mg/kg)	.16 J
2-METHYLPHENOL (O-CRESOL) (mg/kg)	2.3 U

Silver Lake Bank Wildcard Sediments
Housatonic River Project
Analytical Results - TO4

Site ID	
Location ID	BH001474
Field Sample ID	SL-BH001474-0-0010
Date Collected	04/09/2008
Depth	1.0-3.0
Source	EPA_COE
Analyte	
2-NAPHTHYLAMINE (mg/kg)	2.3 U
2-NITROANILINE (mg/kg)	12 U
2-NITROPHENOL (mg/kg)	2.3 U
2-PICOLINE (ALPHA-PICOLINE) (mg/kg)	2.3 U
3,3'-DICHLOROBENZIDINE (mg/kg)	2.3 U
3,3'-DIMETHYLBENZIDINE (mg/kg)	12 U
3-METHYLCHOLANTHRENE (mg/kg)	2.3 U
3-NITROANILINE (mg/kg)	12 U
4,6-DINITRO-2-METHYLPHENOL (mg/kg)	12 U
4-AMINOBIHENYL (mg/kg)	2.3 U
4-BROMOPHENYL PHENYL ETHER (mg/kg)	2.3 U
4-CHLORO-3-METHYLPHENOL (mg/kg)	2.3 U
4-CHLOROANILINE (mg/kg)	2.3 U
4-CHLOROPHENYL PHENYL ETHER (mg/kg)	2.3 U
4-METHYLPHENOL (mg/kg)	.24 J
4-NITROANILINE (mg/kg)	12 U
4-NITROPHENOL (mg/kg)	12 U
4-NITROQUINOLINE-1-OXIDE (mg/kg)	12 R
5-NITRO-O-TOLUIDINE (mg/kg)	2.3 U
7,12-DIMETHYLBENZ(A)ANTHRACENE (mg/kg)	2.3 U
A,A-DIMETHYLPHENETHYLAMINE (mg/kg)	2.3 U
ACENAPHTHENE (mg/kg)	.47 U
ACENAPHTHYLENE (mg/kg)	.43 J
ACETOPHENONE (mg/kg)	2.3 U
ANILINE (mg/kg)	.18 J
ANTHRACENE (mg/kg)	.33 J
ARAMITE (mg/kg)	2.3 U
AZOBENZENE (mg/kg)	.47 U
BENZO(A)ANTHRACENE (mg/kg)	1.4
BENZO(A)PYRENE (mg/kg)	1.8
BENZO(B)FLUORANTHENE (mg/kg)	1.4
BENZO(GHI)PERYLENE (mg/kg)	1.3
BENZO(K)FLUORANTHENE (mg/kg)	.7
BENZYL ALCOHOL (mg/kg)	2.3 U
BIS(2-CHLOROETHOXY) METHANE (mg/kg)	2.3 U

Silver Lake Bank Wildcard Sediments
Housatonic River Project
Analytical Results - TO4

Site ID	
Location ID	BH001474
Field Sample ID	SL-BH001474-0-0010
Date Collected	04/09/2008
Depth	1.0-3.0
Source	EPA_COE
Analyte	
BIS(2-CHLOROETHYL) ETHER (mg/kg)	.47 U
BIS(2-CHLOROISOPROPYL) ETHER (mg/kg)	.47 U
BIS(2-ETHYLHEXYL) PHTHALATE (mg/kg)	2.3 U
BUTYLBENZYLPHTHALATE (mg/kg)	2.3 U
CHLOROBENZILATE (mg/kg)	2.3 U
CHRYSENE (mg/kg)	1.4
DIALLATE (mg/kg)	2.3 U
DIBENZO(A,H)ANTHRACENE (mg/kg)	.75
DIBENZOFURAN (mg/kg)	2.3 U
DIETHYL PHTHALATE (mg/kg)	2.3 U
DIMETHYL PHTHALATE (mg/kg)	2.3 U
DI-N-BUTYL PHTHALATE (mg/kg)	1.5 J
DI-N-OCTYL PHTHALATE (mg/kg)	2.3 U
DINOSEB (mg/kg)	2.3 U
ETHYL METHANESULFONATE (mg/kg)	2.3 U
FLUORANTHENE (mg/kg)	3.2
FLUORENE (mg/kg)	.47 U
HEXACHLOROBUTADIENE (mg/kg)	.47 U
HEXACHLOROCYCLOPENTADIENE (mg/kg)	2.3 U
HEXACHLOROETHANE (mg/kg)	2.3 U
HEXACHLOROPROPENE (mg/kg)	2.3 U
INDENO(1,2,3-C,D)PYRENE (mg/kg)	1.3
ISOPHORONE (mg/kg)	2.3 U
ISOSAFROLE (mg/kg)	2.3 U
METHAPYRILENE (mg/kg)	2.3 U
METHYL METHANESULFONATE (mg/kg)	2.3 U
NAPHTHALENE (mg/kg)	.49
NITROBENZENE (mg/kg)	.47 U
NITROSOMETHYLETHYLAMINE (mg/kg)	2.3 U
N-NITROSODIETHYLAMINE (mg/kg)	2.3 U
N-NITROSODIMETHYLAMINE (mg/kg)	2.3 U
N-NITroso-DI-N-BUTYLAMINE (mg/kg)	2.3 U
N-NITroso-DI-N-PROPYLAMINE (mg/kg)	.47 U
N-NITROSODIPHENYLAMINE (mg/kg)	.47 U
N-NITROSOMORPHOLINE (mg/kg)	2.3 U

Silver Lake Bank Wildcard Sediments
Housatonic River Project
Analytical Results - TO4

Site ID	
Location ID	BH001474
Field Sample ID	SL-BH001474-0-0010
Date Collected	04/09/2008
Depth	1.0-3.0
Source	EPA_COE
Analyte	
N-NITROSOPIPERIDINE (mg/kg)	2.3 U
N-NITROSPYRROLIDINE (mg/kg)	2.3 U
O-TOLUIDINE (mg/kg)	2.3 U
P-DIMETHYLAMINOAZOBENZENE (mg/kg)	2.3 U
PENTACHLOROETHANE (mg/kg)	2.3 U
PENTACHLORONITROBENZENE (mg/kg)	2.3 U
PENTACHLOROPHENOL (mg/kg)	2.3 U
PHENACETIN (mg/kg)	2.3 U
PHENANTHRENE (mg/kg)	1.2
PHENOL (mg/kg)	.77
P-PHENYLENEDIAMINE (mg/kg)	47 U
PRONAMIDE (mg/kg)	2.3 U
PYRENE (mg/kg)	2.2
PYRIDINE (mg/kg)	2.3 U
SAFROLE (mg/kg)	2.3 U
INORGANICS	
PERCENT SOLIDS (%)	72.5
METALS	
ANTIMONY (mg/kg)	0.56
ARSENIC (mg/kg)	15.9
BARIUM (mg/kg)	57.5
BERYLLIUM (mg/kg)	0.57
CADMIUM (mg/kg)	0.67
CHROMIUM (mg/kg)	18.2
COBALT (mg/kg)	8.2
COPPER (mg/kg)	70.9
LEAD (mg/kg)	124
MERCURY (mg/kg)	0.23 J
NICKEL (mg/kg)	24.8
SELENIUM (mg/kg)	0.62
SILVER (mg/kg)	0.53
THALLIUM (mg/kg)	0.063 U
TIN (mg/kg)	7.2
VANADIUM (mg/kg)	21.1
ZINC (mg/kg)	112

ATTACHMENT 1
CHAIN-OF-CUSTODY RECORD

COC # 3660

Chain of Custody Record



Client EPA
 Site Name GE/Housatonic River
 W.O. 20124.001.098.4620.00
 Laboratory Test America - Burlington

Contact Name Kelly Spittler
 Contact Phone No. (610) 701-3953
 Turn-around-Time 21 Days
 Sampler M. Argue

Analysis Requested by Group by Container
 (number listed for total containers per analysis group)

Preservative

Lab Batch Number

Lab ID	Sample ID	Matrix QC		Total Num of Containers	Matrix	Date Collected	Time Collected	Ice PCB - 8082A	Ice SVOC - 8270C	Ice Metals - 6010B	Ice Pb - 6010B	Preservative																												
		MS	MSD																																					
	SL-BH001464-0-0000	X	X	6	Soil	9-Apr-08	1035	X	X	X																														
	SL-BH001464-0-0010			3	Soil	9-Apr-08	1040	X	X	X																														
	SL-BH001465-0-0000			3	Soil	9-Apr-08	1100	X	X	X																														
	SL-BH001465-1-0000			3	Soil	9-Apr-08	1100	X	X	X																														
	SL-BH001465-0-0010			3	Soil	9-Apr-08	1105	X	X	X																														
	SL-BH001466-0-0000			3	Soil	9-Apr-08	0940	X	X	X																														
	SL-BH001466-0-0010			3	Soil	9-Apr-08	0950	X	X	X																														
	SL-BH001467-0-0000			3	Soil	9-Apr-08	0920	X	X	X																														
	SL-BH001467-0-0010			3	Soil	9-Apr-08	0930	X	X	X																														
	SL-BH001468-0-0000			2	Soil	9-Apr-08	0820		X	X																														
	SL-BH001468-0-0010			2	Soil	9-Apr-08	0825		X	X																														
	SL-BH001469-0-0000			2	Soil	9-Apr-08	1255	X			X																													
	SL-BH001469-0-0010			2	Soil	9-Apr-08	1310	X			X																													
	SL-BH001469-0-0030			2	Soil	9-Apr-08	1320	X			X																													

Field Remarks/Comments

Lab Use Only			
COC Tape was present on outer package		Y	N
COC Tape was unbroken on outer package		Y	N
COC Tape was present on sample		Y	N
COC Tape was unbroken on sample		Y	N
Received in good condition		Y	N
Labels Indicate Properly Preserved		Y	N
Received within Holding Time		Y	N

Temp of Cooler when Received, C°

1	2	3	4
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Relinquished by	Received by	Date	Time	Relinquished by	Received by	Date	Time
<i>Michael Legas</i>	<i>Fed Ex</i>	<i>4/10/08</i>	<i>1750</i>		<i>MA</i>	<i>4.11.08</i>	<i>1105</i>

COC # 3660

Chain of Custody Record



Client EPA
 Site Name GE/Housatonic River
 W.O. 20124.001.098.4620.00
 Laboratory Test America - Burlington

Contact Name Kelly Spittler
 Contact Phone No. (610) 701-3953
 Turn-around-Time 21 Days
 Sampler M. Argue

Analysis Requested by Group by Container
 (number listed for total containers per analysis group)

Preservative									
Ice	Ice	Ice	Ice	HNO3					
PCB - 8082A	SVOC - 8270C	Metals - 6010B	Pb - 6010B	Metals - 6010B					
X									
X									
X									
X									
X									
X									
X									
X									
X									
X	X	X							
X	X	X							
X	X	X							
X	X			X					

Lab Batch Number

Lab ID	Sample ID	Matrix QC		Total Num of Containers	Matrix	Date Collected	Time Collected
		MS	MSD				
	SL-BH001470-0-0000			1	Soil	9-Apr-08	1330
	SL-BH001470-0-0010			1	Soil	9-Apr-08	1335
	SL-BH001470-0-0030			1	Soil	9-Apr-08	1340
	SL-BH001471-0-0000			1	Soil	9-Apr-08	1400
	SL-BH001471-0-0010			1	Soil	9-Apr-08	1410
	SL-BH001471-0-0030			1	Soil	9-Apr-08	1430
	SL-BH001472-0-0000			1	Soil	9-Apr-08	1500
	SL-BH001472-0-0010			1	Soil	9-Apr-08	1505
	SL-BH001473-0-0000			2	Soil	9-Apr-08	0900
	SL-BH001473-0-0010			2	Soil	9-Apr-08	0910
	SL-BH001474-0-0000			2	Soil	9-Apr-08	0835
	SL-BH001474-0-0010			2	Soil	9-Apr-08	0840
	SL-BH001469-2-0000			3	Aq	9-Apr-08	1250

Field Remarks/Comments

Lab Use Only				COC Tape was present on outer package				Y	N
				COC Tape was unbroken on outer package				Y	N
				COC Tape was present on sample				Y	N
				COC Tape was unbroken on sample				Y	N
				Received in good condition				Y	N
				Labels Indicate Properly Preserved				Y	N
				Received within Holding Time				Y	N
Relinquished by	Received by	Date	Time	Relinquished by	Received by	Date	Time		
	<i>Michael Argue</i>	<i>Fed Ex</i>	<i>4/10/08</i>	<i>1750</i>		<i>M</i>	<i>4.11.08</i>	<i>1105</i>	

ARCADIS

Appendix C

Summary of PCB Analytical Data
for All Samples Used in
Evaluations

TABLE C-1
SUMMARY OF PRE-DESIGN PCB SOIL DATA

CONCEPTUAL RD/RA WORK PLAN 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	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Parcel 19-9-1							
19-9-1-SB-1	0-1	6/18/2003	ND(0.036)	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)]	ND(0.035) [ND(0.035)]
	3-5	6/18/2003	ND(0.040)	ND(0.040)	0.40	0.13	0.53
	5-7	6/18/2003	ND(0.045)	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)	ND(0.063)
19-9-1-SB-2	7-9	6/17/2003	ND(0.046)	ND(0.046)	0.027 J	0.016 J	0.043 J
19-9-1-SB-3	0-1	6/17/2003	ND(0.036)	ND(0.036)	0.020 J	0.018 J	0.038 J
	1-3	6/17/2003	ND(0.038)	ND(0.038)	0.21	0.10	0.31
	3-5	6/17/2003	ND(0.043)	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)	ND(0.049)
19-9-1-SB-4	1-3	6/17/2003	ND(28)	ND(28)	65	ND(28)	65
	3-5	6/17/2003	ND(0.076)	ND(0.076)	0.64	0.27	0.91
	5-7	6/17/2003	ND(0.081)	ND(0.081)	0.058 J	ND(0.081)	0.058 J
19-9-1-SB-5	0-1	6/17/2003	ND(3.1)	ND(3.1)	5.9	3.3	9.2
	1-3	6/17/2003	ND(1.1)	ND(1.1)	4.3	2.5	6.8
	3-5	6/17/2003	ND(0.086)	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)	ND(0.074)
19-9-1-SB-6	8-10	2/5/2004	ND(0.056)	ND(0.056)	ND(0.056)	ND(0.056)	ND(0.056)
19-9-1-SS-1	0-1	6/17/2003	ND(30)	ND(30)	43	46	89
Parcel 19-9-9							
19-9-9-SS-1	0-1	6/24/2003	ND(0.041)	ND(0.041)	0.25	0.14	0.39
19-9-9-SS-2	0-1	6/24/2003	ND(0.046)	ND(0.046)	0.25	0.22	0.47
19-9-9-SS-3	0-1	6/24/2003	ND(26)	ND(26)	85	32	117
19-9-9-SB-1	0-1	6/23/2003	ND(0.47)	ND(0.47)	9.2	7.5	16.7
	1-3	6/23/2003	ND(3.2)	ND(3.2)	38	22	60
	3-5	6/23/2003	ND(0.051)	ND(0.051)	1.4	0.63	2.03
	5-7	6/23/2003	ND(0.22)	ND(0.22)	2.2	1.6	3.8
	7-9	6/23/2003	ND(3.5) J	ND(3.5) J	9.7 J	ND(3.5) J	9.7 J
	9-11	6/23/2003	ND(0.045) J	ND(0.045) J	1.0 J	0.23 J	1.23 J
	11-13	1/30/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	13-15	10/26/2005	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
19-9-9-SB-2	0-1	6/23/2003	ND(0.40)	ND(0.40)	12	ND(0.40)	12
	1-3	6/23/2003	ND(0.18)	ND(0.18)	1.8	ND(0.18)	1.8
	3-5	6/23/2003	ND(0.24)	ND(0.24)	5.9	ND(0.24)	5.9
	5-7	6/23/2003	ND(2.3)	ND(2.3)	25	6.4	31.4
	7-9	6/23/2003	ND(3.2) J	ND(3.2) J	29 J	16 J	45 J
	9-11	6/23/2003	ND(0.061) J	ND(0.061) J	0.042 J	0.031 J	0.073 J
19-9-9-SB-3	0-1	6/20/2003	ND(5.3)	ND(5.3)	47	10	57
	1-3	6/20/2003	ND(5.0)	ND(5.0)	36	ND(5.0)	36
	3-5	6/20/2003	ND(2.8)	ND(2.8)	6.5	ND(2.8)	6.5
	5-7	6/20/2003	ND(0.044)	ND(0.044)	0.049	0.050	0.099
	7-9	6/20/2003	ND(0.044) J [ND(0.045)]	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	ND(0.044) J	0.073 J	ND(0.044) J	0.073 J
19-9-9-SB-4	0-1	1/30/2004	ND(0.040)	ND(0.040)	0.15	0.21	0.36
	1-3	1/30/2004	ND(0.038)	ND(0.038)	0.088	0.032 J	0.12
	3-5	1/30/2004	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	5-7	1/30/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	7-9	1/30/2004	ND(0.069)	ND(0.069)	ND(0.069)	ND(0.069)	ND(0.069)
	9-11	1/30/2004	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)
19-9-9-SB-5	0-1	2/3/2004	ND(0.042)	ND(0.042)	0.39	0.23	0.62
	1-3	2/3/2004	ND(0.037)	ND(0.037)	0.17	0.071	0.241
	3-5	2/3/2004	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	5-7	2/3/2004	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	7-9	2/3/2004	ND(0.061)	ND(0.061)	ND(0.061)	ND(0.061)	ND(0.061)
	9-11	2/3/2004	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
19-9-9-SB-8	0-1	1/30/2004	ND(0.044)	ND(0.044)	0.21	0.14	0.35
	1-3	1/30/2004	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	3-5	1/30/2004	ND(0.042) [ND(0.045)]	ND(0.042) [ND(0.045)]	ND(0.042) [ND(0.045)]	ND(0.042) [ND(0.045)]	ND(0.042) [ND(0.045)]
	5-7	1/30/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	7-9	1/30/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	9-11	1/30/2004	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
Parcel 19-9-17							
19-9-17-SS-1	0-1	6/25/2003	ND(0.038)	ND(0.038)	0.13	0.11	0.24
19-9-17-SS-2	0-1	6/25/2003	ND(0.038) [ND(0.039)]	ND(0.038) [ND(0.039)]	0.60 [0.43]	0.31 [0.22]	0.91 [0.65]
19-9-17-SS-3	0-1	6/25/2003	ND(0.043)	ND(0.043)	ND(0.043)	0.24	0.24

TABLE C-1
SUMMARY OF PRE-DESIGN PCB SOIL DATA

CONCEPTUAL RD/RA WORK PLAN 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	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Parcel 19-9-17 (continued)							
19-9-17-SB-1	0-1	6/25/2003	ND(0.042)	ND(0.042)	0.25	0.11	0.36
	1-3	6/25/2003	ND(0.55)	ND(0.55)	4.9	3.4	8.3
	3-5	6/25/2003	ND(0.047)	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)	ND(0.045)
19-9-17-SB-2	0-1	6/25/2003	ND(0.040)	ND(0.040)	0.19	0.22	0.41
	1-3	6/25/2003	ND(0.046)	ND(0.046)	0.78	0.76	1.54
	3-5	6/25/2003	ND(0.042)	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)	ND(0.041)
19-9-17-SB-3	0-1	6/25/2003	ND(0.036)	ND(0.036)	ND(0.036)	0.029 J	0.029 J
	1-3	6/25/2003	ND(0.037) [ND(0.038)]	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)	ND(0.042)	0.045	0.034 J	0.079
Parcel 19-9-18							
19-9-18-SS-1	0-1	6/25/2003	ND(0.049)	ND(0.049)	1.0	0.68	1.68
19-9-18-SS-2	0-1	6/25/2003	ND(0.058)	ND(0.058)	2.5	2.6	5.1
19-9-18-SB-1	0-1	6/25/2003	ND(3.0)	ND(3.0)	12	7.1	19.1
	1-3	6/25/2003	ND(2.7)	ND(2.7)	ND(2.7)	33	33
	3-5	6/25/2003	ND(0.043)	ND(0.043)	0.046	ND(0.043)	0.046
19-9-18-SB-2	0-1	6/25/2003	ND(0.044)	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)	ND(0.040)
	3-5	6/25/2003	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
Parcel 19-9-19							
19-9-19-SS-1	0-1	2/17/2004	ND(0.047)	ND(0.047)	0.72	0.50	1.22
19-9-19-SB-1	0-1	2/17/2004	ND(0.053)	ND(0.053)	0.55	0.37	0.92
	1-3	2/17/2004	ND(0.044)	ND(0.044)	0.11	0.042 J	0.152
	3-5	2/17/2004	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
19-9-19-SB-2	0-1	2/17/2004	ND(0.054)	ND(0.054)	0.53	0.59	1.12
	1-3	2/17/2004	ND(0.053) [ND(0.049)]	ND(0.053) [ND(0.049)]	0.27 [0.31]	0.13 [0.17]	0.40 [0.48]
	3-5	2/17/2004	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
Parcel 19-9-21							
19-9-21-SS-1	0-1	3/10/2005	ND(0.038)	ND(0.038)	ND(0.038)	1.2	1.2
19-9-21-SB-1	0-1	6/26/2003	ND(4.2)	ND(4.2)	ND(4.2)	22	22
	1-3	6/26/2003	ND(4.2)	ND(4.2)	ND(4.2)	12	12
19-9-21-SB-2	0-1	6/26/2003	ND(1.8)	ND(1.8)	ND(1.8)	33	33
	1-3	6/26/2003	ND(0.037)	ND(0.037)	1.5	1.6	3.1
19-9-21-SB-3	0-1	6/26/2003	ND(0.38)	ND(0.38)	2.4	1.9	4.3
	1-3	6/26/2003	ND(4.0)	ND(4.0)	ND(4.0)	19	19
19-9-21-SB-4	0-1	6/26/2003	ND(0.22)	ND(0.22)	ND(0.22)	1.9	1.9
	1-3	6/26/2003	ND(0.22)	ND(0.22)	ND(0.22)	2.2	2.2
19-9-21-SB-5	0-1	6/26/2003	ND(0.036)	ND(0.036)	0.13	0.17	0.30
	1-3	6/26/2003	ND(0.038) [ND(0.037)]	ND(0.038) [ND(0.037)]	0.34 [0.54]	0.19 J [0.32 J]	0.53 [0.86]
19-9-21-SB-6	0-1	2/19/2004	ND(0.19)	ND(0.19)	1.1	0.62	1.72
	1-3	2/19/2004	ND(0.039)	ND(0.039)	0.17	0.16	0.33
	3-6	2/19/2004	ND(2.0)	ND(2.0)	16	11	27
	6-10	2/19/2004	ND(2.1)	ND(2.1)	21	7.0	28
	10-15	2/19/2004	ND(1.0)	ND(1.0)	15	5.5	20.5
19-9-21-SB-7	0-1	2/19/2004	ND(0.36)	ND(0.36)	5.8	5.3	11.1
	1-3	2/19/2004	ND(3.7)	ND(3.7)	17	40	57
	3-6	2/19/2004	ND(19)	ND(19)	ND(19)	70	70
	6-10	2/19/2004	ND(21)	ND(21)	280	320	600
	10-15	2/19/2004	ND(0.24)	ND(0.24)	ND(0.24)	4.8	4.8
19-9-21-SB-8	0-1	2/18/2004	ND(0.038)	ND(0.038)	1.2	0.55	1.75
	1-3	2/18/2004	ND(0.041)	ND(0.041)	0.38	0.53	0.91
	3-6	2/18/2004	ND(0.45) [ND(2.3)]	ND(0.45) [ND(2.3)]	ND(0.45) [ND(2.3)]	4.7 J [13 J]	4.7 J [13 J]
	6-10	2/18/2004	ND(0.21)	ND(0.21)	ND(0.21)	3.6	3.6
	10-15	2/18/2004	ND(0.045)	ND(0.045)	0.26	0.15	0.41
19-9-21-SB-9	0-1	2/19/2004	ND(0.041)	ND(0.041)	0.31	0.22	0.53
	1-3	2/19/2004	ND(0.041)	ND(0.041)	0.20	0.075	0.275
	3-6	2/19/2004	ND(0.044)	ND(0.044)	0.22	0.053	0.273
	6-10	2/19/2004	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)
	10-15	2/19/2004	ND(0.054)	ND(0.054)	0.056	ND(0.054)	0.056

TABLE C-1
SUMMARY OF PRE-DESIGN PCB SOIL DATA

CONCEPTUAL RD/RA WORK PLAN 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	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Parcel 19-9-21 (continued)							
19-9-21-SB-10	0-1	4/13/2004	ND(0.037)	ND(0.037)	0.34	0.89	1.23
	1-3	4/13/2004	ND(0.40)	ND(0.40)	4.1	8.6	12.7
	3-6	4/13/2004	ND(0.20)	ND(0.20)	ND(0.20)	2.2	2.2
	6-10	4/13/2004	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
19-9-21-SB-11	0-1	4/13/2004	ND(0.18) J	ND(0.18) J	1.0 J	2.1 J	3.1 J
	1-3	4/13/2004	ND(0.040) J	ND(0.040) J	0.41 J	0.17 J	0.58 J
	3-6	4/13/2004	ND(0.038) J	ND(0.038) J	ND(0.038) J	ND(0.038) J	ND(0.038) J
Parcel 19-9-22							
19-9-22-SB-1	0-1	6/26/2003	ND(0.038)	ND(0.038)	0.15	0.24	0.39
	1-3	6/26/2003	ND(0.041)	ND(0.041)	0.22	0.30	0.52
19-9-22-SB-2	0-1	6/26/2003	ND(0.044)	ND(0.044)	1.0	0.74	1.74
	1-3	6/26/2003	ND(0.046) [ND(0.046)]	ND(0.046) [ND(0.046)]	0.37 [ND(0.046)]	0.20 J [0.35 J]	0.57 [0.35]
19-9-22-SB-3	0-1	6/27/2003	ND(0.036)	ND(0.036)	0.84	0.50	1.34
	1-3	6/27/2003	ND(0.046)	ND(0.046)	ND(0.046)	0.29	0.29
19-9-22-SB-4	0-1	4/12/2004	ND(0.035)	ND(0.035)	0.16	0.17	0.33
	1-3	4/12/2004	ND(0.043)	ND(0.043)	0.052	0.031 J	0.083
	3-6	4/12/2004	ND(0.055)	ND(0.055)	0.25	0.062	0.312
	6-10	4/12/2004	ND(0.050)	ND(0.050)	0.027 J	ND(0.050)	0.027 J
	10-15	4/12/2004	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
19-9-22-SB-5	0-1	4/12/2004	ND(0.036)	ND(0.036)	0.087	0.10	0.187
	1-3	4/12/2004	ND(0.041)	ND(0.041)	0.018 J	0.041 J	0.059 J
	3-6	4/12/2004	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)
	6-10	4/12/2004	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
	10-15	4/12/2004	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)
Parcel 19-9-23							
19-9-23-SB-1	1-3	6/27/2003	ND(0.038)	ND(0.038)	0.14	0.12	0.26
19-9-23-SB-2	0-1	6/27/2003	ND(0.040)	ND(0.040)	0.10	0.12	0.22
	1-3	6/27/2003	ND(0.038)	ND(0.038)	0.14	0.11	0.25
19-9-23-SB-3	0-1	6/27/2003	ND(0.035)	ND(0.035)	0.050	0.038	0.088
	1-3	6/27/2003	ND(0.037)	ND(0.037)	0.17	0.18	0.35
Parcel 19-9-24							
19-9-24-SS-4	0-1	6/27/2003	ND(0.039)	ND(0.039)	0.26	0.29	0.55
19-9-24-SS-5	0-1	6/27/2003	ND(0.044)	ND(0.044)	0.50	0.52	1.02
19-9-24-SB-1	0-1	7/1/2003	ND(0.24)	ND(0.24)	2.9	3.4	6.3
	1-3	7/1/2003	ND(0.044)	ND(0.044)	0.47	0.40	0.87
	3-5	7/1/2003	ND(0.043)	ND(0.043)	0.54	0.34	0.88
	5-7	7/1/2003	ND(0.048)	ND(0.048)	0.28	0.21	0.49
	7-9	7/1/2003	ND(0.043)	ND(0.043)	0.95	0.19	1.14
	9-11	7/1/2003	ND(0.60)	ND(0.60)	6.4	0.99	7.39
	11-13	2/1/2005	ND(0.42)	ND(0.42)	2.4	4.0	6.4
	13-15	2/1/2005	ND(0.066)	ND(0.066)	1.5	0.60	2.1
	19-9-24-SB-2	0-1	7/1/2003	ND(0.041)	ND(0.041)	0.15	0.12
1-3		7/1/2003	ND(4.1)	ND(4.1)	21	6.2	27.2
3-5		7/1/2003	ND(0.042)	ND(0.042)	0.17	0.19	0.36
5-7		7/1/2003	ND(0.042)	ND(0.042)	0.30	0.15	0.45
7-9		7/1/2003	ND(0.044)	ND(0.044)	0.44	0.19	0.63
9-11		7/1/2003	ND(0.042)	ND(0.042)	0.22	0.12	0.34
11-13		4/13/2004	ND(0.048)	ND(0.048)	1.1	0.63	1.73
13-15		4/13/2004	ND(30) J	ND(30) J	500 J	100 J	600 J
13-15		2/1/2005	ND(9.2)	ND(9.2)	370	250	620
19-9-24-SB-3		0-1	2/9/2004	ND(0.052)	ND(0.052)	0.31	0.24
	1-3	2/9/2004	ND(0.044)	ND(0.044)	1.2	0.77	1.97
	3-5	2/9/2004	ND(0.047)	ND(0.047)	0.42	0.14	0.56
	5-7	2/9/2004	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)
	7-9	10/18/2005	ND(0.070)	ND(0.070)	0.28	0.14	0.42
	9-11	10/18/2005	ND(0.055)	ND(0.055)	0.36	ND(0.055)	0.36
	11-13	10/18/2005	ND(0.074)	ND(0.074)	ND(0.074)	ND(0.074)	ND(0.074)
	13-15	10/18/2005	ND(0.068)	ND(0.068)	ND(0.068)	ND(0.068)	ND(0.068)
	19-9-24-SB-5	0-1	2/10/2004	ND(0.060)	ND(0.060)	0.14	0.085
1-3		2/10/2004	ND(0.055)	ND(0.055)	0.32	0.18	0.50
3-5		2/10/2004	ND(0.046) [ND(0.043)]	ND(0.046) [ND(0.043)]	0.19 [0.16]	0.086 [0.079]	0.276 [0.239]
5-7		2/10/2004	ND(0.044)	ND(0.044)	0.033 J	ND(0.044)	0.033 J
19-9-24-SB-6	0-1	2/10/2004	ND(0.045)	ND(0.045)	0.19	0.20	0.39
	1-3	2/10/2004	ND(0.045)	ND(0.045)	0.58	0.64	1.22

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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	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Parcel I9-9-24 (continued)							
I9-9-24-SB-7	13-15	2/1/2005	ND(4.0)	ND(4.0)	7.2	6.5	13.7
I9-9-24-SB-8	13-15	2/1/2005	ND(0.057)	ND(0.057)	1.0	0.42	1.42
I9-9-24-SB-9	0-1	10/17/2005	ND(0.43)	ND(0.43)	4.6	1.4	6.0
	1-3	10/17/2005	ND(0.037)	ND(0.037)	0.019 J	ND(0.037)	0.019 J
	3-5	10/17/2005	ND(0.044)	ND(0.044)	0.53	0.26	0.79
	5-7	10/17/2005	ND(0.047)	ND(0.047)	2.2	ND(0.047)	2.2
	7-9	10/17/2005	ND(0.049) [ND(0.057)]	ND(0.049) [ND(0.057)]	0.24 J [0.57 J]	0.24 J [0.51 J]	0.48 J [1.08 J]
	9-11	10/17/2005	ND(0.059)	ND(0.059)	0.34	0.31	0.65
	11-13	10/17/2005	ND(0.062)	ND(0.062)	0.046 J	ND(0.062)	0.046 J
	13-15	10/17/2005	ND(0.081)	ND(0.081)	ND(0.081)	ND(0.081)	ND(0.081)
I9-9-24-SB-10	0-1	6/1/2006	ND(0.036) [ND(0.035)]	ND(0.036) [ND(0.035)]	ND(0.036) [ND(0.035)]	0.041 [0.058]	0.041 [0.058]
Parcel I9-9-25							
I9-9-25-SB-4	0-1	7/3/2003	ND(0.035)	ND(0.035)	0.38	0.25	0.63
	1-3	7/3/2003	ND(0.037)	ND(0.037)	0.72	0.51	1.23
I9-9-25-SB-5	0-1	7/3/2003	ND(0.042)	ND(0.042)	0.31	0.17	0.48
	1-3	7/3/2003	ND(0.041) J	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)	ND(0.035)
	1-3	7/3/2003	ND(0.035) [ND(0.035)]	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)	ND(0.041)	0.087	0.069	0.156
	1-3	6/27/2003	ND(0.043)	ND(0.043)	0.052	0.050	0.102
I9-9-25-SB-8	0-1	2/11/2004	ND(0.040)	ND(0.040)	0.70	0.23	0.93
	1-3	2/11/2004	ND(3.6)	ND(3.6)	28	ND(3.6)	28
	3-6	2/11/2004	ND(0.039)	ND(0.039)	1.2	0.44	1.64
	6-10	2/11/2004	ND(0.047)	ND(0.047)	0.23	ND(0.047)	0.23
	10-15	2/11/2004	ND(0.060)	ND(0.060)	0.028 J	ND(0.060)	0.028 J
I9-9-25-SB-9	0-1	2/11/2004	ND(0.037)	ND(0.037)	0.070	0.066	0.136
	1-3	2/11/2004	ND(0.036)	ND(0.036)	0.45	0.23	0.68
	3-6	2/11/2004	ND(0.22)	ND(0.22)	2.1	0.65	2.75
	6-10	2/11/2004	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
I9-9-25-SB-10	0-1	4/13/2004	ND(0.038)	ND(0.038)	0.69	0.37	1.06
	1-3	4/13/2004	ND(0.038)	ND(0.038)	1.0	0.53	1.53
	3-6	4/13/2004	ND(0.042) [ND(0.041)]	ND(0.042) [ND(0.041)]	ND(0.042) [ND(0.041)]	ND(0.042) [ND(0.041)]	ND(0.042) [ND(0.041)]
Parcel I9-9-30							
I9-9-30-SB-4	0-1	7/7/2003	ND(0.038)	ND(0.038)	0.31	0.23	0.54
	1-3	7/7/2003	ND(0.039)	ND(0.039)	0.70	0.58	1.28
I9-9-30-SB-5	0-1	7/7/2003	ND(0.035)	ND(0.035)	0.016 J	0.020 J	0.036 J
	1-3	7/7/2003	ND(0.038)	ND(0.038)	0.34	0.27	0.61
I9-9-30-SB-6	0-1	7/7/2003	ND(0.040)	ND(0.040)	0.32	0.28	0.60
	1-3	7/7/2003	ND(0.039)	ND(0.039)	0.79	0.43	1.22
I9-9-30-SB-7	0-1	7/7/2003	ND(0.035)	ND(0.035)	0.081	0.090	0.171
	1-3	7/7/2003	ND(0.036)	ND(0.036)	0.42	0.34	0.76
I9-9-30-SB-8	0-1	2/18/2004	ND(0.038)	ND(0.038)	0.31	0.22	0.53
	1-3	2/18/2004	ND(0.040)	ND(0.040)	1.4	0.97	2.37
	3-6	2/18/2004	ND(0.045)	ND(0.045)	0.54	0.24	0.78
	6-10	2/18/2004	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
I9-9-30-SB-9	0-1	2/18/2004	ND(0.043)	ND(0.043)	0.24	0.17	0.41
	1-3	2/18/2004	ND(0.045)	ND(0.045)	0.73	0.24	0.97
	3-6	2/18/2004	ND(0.038)	ND(0.038)	0.60	0.15	0.75
	6-10	2/18/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
I9-9-30-SB-10	0-1	2/18/2004	ND(0.038)	ND(0.038)	0.35	0.12	0.47
	1-3	2/18/2004	ND(0.039)	ND(0.039)	0.23	0.071	0.301
	3-6	2/18/2004	ND(0.040)	ND(0.040)	0.11	0.033 J	0.143
	6-10	2/18/2004	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
Parcel I9-9-31							
I9-9-31-SB-1	0-1	7/7/2003	ND(0.035)	ND(0.035)	0.30	0.25	0.55
	1-3	7/7/2003	ND(0.038)	ND(0.038)	0.11	0.056	0.166
I9-9-31-SB-2	0-1	7/7/2003	ND(0.036)	ND(0.036)	0.17	0.081	0.251
	1-3	7/7/2003	ND(0.036)	ND(0.036)	0.23	0.12	0.35
I9-9-31-SB-3	0-1	7/7/2003	ND(0.036)	ND(0.036)	0.32	0.16	0.48
	1-3	7/7/2003	ND(0.036)	ND(0.036)	0.32	0.14	0.46
Parcel I9-9-32							
I9-9-32-SB-1	0-1	7/7/2003	R	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)]	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)	ND(0.045)	0.20	ND(0.045)	0.20
	1-3	7/7/2003	ND(2.7)	ND(2.7)	42	29	71

TABLE C-1
SUMMARY OF PRE-DESIGN PCB SOIL DATA

CONCEPTUAL RD/RA WORK PLAN 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	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Parcel I9-9-32 (continued)							
I9-9-32-SB-3	0-1	7/7/2003	ND(0.034)	ND(0.034)	0.098	0.037	0.135
	1-3	7/7/2003	ND(0.035)	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)	ND(0.035)	0.032 J	0.035	0.067
	1-3	7/8/2003	ND(0.036)	ND(0.036)	ND(0.036)	0.076	0.076
I9-9-33-SB-2	0-1	7/8/2003	ND(0.035)	ND(0.035)	0.046	0.046	0.092
	1-3	7/8/2003	ND(0.036)	ND(0.036)	1.6	ND(0.036)	1.6
I9-9-33-SB-3	0-1	7/8/2003	ND(0.036)	ND(0.036)	0.45	0.18	0.63
	1-3	7/8/2003	ND(0.037)	ND(0.037)	1.2	0.86	2.06
I9-9-33-SB-4	0-1	7/7/2003	ND(0.036)	ND(0.036)	0.46	0.36	0.82
	1-3	7/7/2003	ND(0.038)	ND(0.038)	0.69	0.30	0.99
I9-9-33-SB-5	0-1	7/8/2003	ND(0.036)	ND(0.036)	0.94	0.85	1.79
	1-3	7/8/2003	ND(0.036)	ND(0.036)	0.66	0.64	1.3
I9-9-33-SB-6	0-1	7/8/2003	ND(0.035)	ND(0.035)	0.32	0.26	0.58
	1-3	7/8/2003	ND(0.035)	ND(0.035)	0.39	0.34	0.73
I9-9-33-SB-7	0-1	7/7/2003	ND(0.034)	ND(0.034)	0.61	0.52	1.13
	1-3	7/7/2003	ND(0.035)	ND(0.035)	0.84	0.42	1.26
Parcel I9-9-34							
I9-9-34-SB-2	0-1	9/16/2003	ND(7.0)	ND(7.0)	27	27	54
	1-3	9/16/2003	ND(31)	ND(31)	250	120	370
I9-9-34-SB-3	0-1	9/16/2003	ND(0.042)	ND(0.042)	0.42	0.30	0.72
	1-3	9/16/2003	ND(0.037)	ND(0.037)	0.35	ND(0.037)	0.35
I9-9-34-SB-4	0-1	9/16/2003	ND(2.4)	ND(2.4)	34	12	46
	1-3	9/16/2003	ND(0.039)	ND(0.039)	0.13	0.069	0.199
I9-9-34-SB-5	0-1	9/16/2003	ND(0.036)	ND(0.036)	0.20	0.26	0.46
	1-3	9/16/2003	ND(0.036)	ND(0.036)	0.13	0.18	0.31
I9-9-34-SB-6	0-1	9/16/2003	ND(0.054)	ND(0.054)	0.48	0.35	0.83
	1-3	9/16/2003	ND(0.042)	ND(0.042)	0.10	0.091	0.191
I9-9-34-SB-7	0-1	9/16/2003	ND(0.039)	ND(0.039)	0.59	0.15	0.74
	1-3	9/16/2003	ND(0.038)	ND(0.038)	0.14	0.087	0.227
I9-9-34-SB-8	0-1	9/16/2003	ND(0.042)	ND(0.042)	0.83	0.42	1.25
	1-3	9/16/2003	ND(0.22)	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)	ND(0.039)	0.090	0.090
	1-3	9/16/2003	ND(0.040) [ND(0.040)]	ND(0.040) [ND(0.040)]	0.37 [0.50]	0.22 [0.28]	0.59 [0.78]
I9-9-34-SB-10	0-1	2/19/2004	ND(0.21)	ND(0.21)	1.2	0.68	1.88
	1-3	2/19/2004	ND(0.039)	ND(0.039)	0.034 J	0.024 J	0.058 J
	3-6	2/19/2004	ND(0.039)	ND(0.039)	0.020 J	ND(0.039)	0.020 J
I9-9-34-SB-11	0-1	2/20/2004	ND(0.040)	ND(0.040)	0.41	0.41	0.82
	1-3	2/20/2004	ND(0.039) [ND(0.038)]	ND(0.039) [ND(0.038)]	0.41 [0.38]	0.13 [0.11]	0.54 [0.49]
	3-6	2/20/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
Parcel I9-9-201							
I9-9-11-SB-1	0-1	6/24/2003	ND(0.037)	ND(0.037)	ND(0.037)	0.050	0.050
	1-3	6/24/2003	ND(0.036)	ND(0.036)	ND(0.036)	0.062	0.062
I9-9-11-SB-2	0-1	6/24/2003	ND(0.040)	ND(0.040)	0.12	0.13	0.25
	1-3	6/24/2003	ND(0.037)	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)	ND(0.043)	0.56	0.56
	1-3	6/24/2003	ND(0.038)	ND(0.038)	ND(0.038)	0.047	0.047
I9-9-11-SB-4	0-1	6/24/2003	ND(0.037)	ND(0.037)	0.11	0.099	0.209
	1-3	6/24/2003	ND(0.037)	ND(0.037)	0.22	0.12	0.34
I9-9-11-SB-5	0-1	6/24/2003	ND(0.038)	ND(0.038)	0.069	0.058	0.127
	1-3	6/24/2003	ND(0.038) [ND(0.037)]	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)	ND(0.049)	0.66	0.58	1.24
	1-3	6/24/2003	ND(0.28)	ND(0.28)	2.5	1.9	4.4 J
I9-9-11-SB-7	0-1	2/13/2004	ND(0.041)	ND(0.041)	0.056	0.10	0.156
	1-3	2/13/2004	ND(0.038)	ND(0.038)	0.10	0.087	0.187
	3-6	2/13/2004	ND(0.20)	ND(0.20)	3.7	2.1	5.8
	6-10	2/13/2004	R	R	R	R	R
	6-10	3/9/2005	ND(0.050)	ND(0.050)	0.66	0.25	0.91
I9-9-11-SB-8	0-1	3/9/2005	ND(0.51)	7.9	3.5	1.9	13.3
	0-1	2/13/2004	ND(0.042)	ND(0.042)	0.56	0.33	0.89
	1-3	2/13/2004	ND(0.040)	ND(0.040)	0.90	0.26	1.16
	3-6	2/13/2004	ND(0.046)	ND(0.046)	0.31	0.064	0.374
	6-10	2/13/2004	ND(0.057)	ND(0.057)	ND(0.057)	ND(0.057)	ND(0.057)
10-15	10/14/2005	ND(0.60)	ND(0.60)	6.2	ND(0.60)	6.2	

TABLE C-1
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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	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Parcel I9-9-201 (continued)							
I9-9-11-SB-9	10-15	6/8/2006	ND(0.059) J	ND(0.059) J	ND(0.059) J	ND(0.059) J	ND(0.059) J
I9-9-101-SB-1	0-1	6/24/2003	ND(0.042)	ND(0.042)	0.050	0.12	0.17
	1-3	6/24/2003	ND(0.042)	ND(0.042)	0.095	0.075	0.17
I9-9-101-SB-2	0-1	6/24/2003	ND(0.037)	ND(0.037)	0.032 J	0.036 J	0.068 J
	1-3	6/24/2003	ND(0.036)	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)	ND(0.039)	0.065	0.065
	1-3	6/24/2003	ND(0.037)	ND(0.037)	0.085	0.18	0.265
I9-9-101-SB-4	0-1	6/24/2003	ND(0.042)	ND(0.042)	0.53	0.092	0.622
	1-3	6/24/2003	ND(0.039)	ND(0.039)	0.38	0.15	0.53
I9-9-101-SB-5	0-1	6/24/2003	ND(0.041)	ND(0.041)	0.061	0.10	0.161
	1-3	6/24/2003	ND(0.038)	ND(0.038)	0.028 J	0.044	0.072
I9-9-101-SB-6	0-1	6/24/2003	ND(0.040)	ND(0.040)	0.16	0.14	0.30
	1-3	6/24/2003	ND(0.039)	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)	ND(0.043)
	3-5	6/13/2003	ND(0.044)	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)]	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)	ND(0.044)	0.60	0.33	0.93
	5-7	6/17/2003	ND(2.3)	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)]	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)	ND(0.039)
	3-5	6/13/2003	ND(0.043)	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)	ND(0.049)
	3-5	6/13/2003	ND(0.050)	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)	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)	ND(0.042)
I9-10-8-SB-6	0-1	6/16/2003	ND(4.9)	ND(4.9)	44	23	67
	1-3	6/16/2003	ND(1.0)	ND(1.0)	4.1	2.3	6.4
	3-5	6/16/2003	ND(0.048)	ND(0.048)	0.16	0.078	0.238
	5-7	6/16/2003	ND(0.072)	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)	ND(0.18)
I9-10-8-SB-7	0-1	6/16/2003	ND(0.049)	ND(0.049)	1.3	0.69	1.99
	1-3	6/16/2003	ND(5.0)	ND(5.0)	120	45	165
	3-5	6/16/2003	ND(0.042)	ND(0.042)	0.66	0.27	0.93
	5-7	6/16/2003	ND(0.048)	ND(0.048)	ND(0.048)	0.077	0.077
I9-10-8-SB-8	7-9	6/16/2003	ND(0.039)	ND(0.039)	0.10	0.054	0.154
	9-11	6/16/2003	ND(0.091)	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)]	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)	ND(0.047)	0.088 J	0.039 J	0.127 J
	3-5	6/16/2003	ND(0.040)	ND(0.040)	0.042	0.038 J	0.080
I9-10-8-SB-10	0-1	2/3/2004	ND(0.058)	ND(0.058)	0.30	0.26	0.56
	1-3	2/3/2004	ND(0.041) [ND(0.046)]	ND(0.041) [ND(0.046)]	0.28 [0.26]	0.12 [0.11]	0.40 [0.37]
	3-5	2/3/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	5-7	2/3/2004	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
I9-10-8-SB-11	7-9	2/3/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	0-1	2/3/2004	ND(0.041)	ND(0.041)	0.26	0.32	0.58
	1-3	2/3/2004	ND(0.044)	ND(0.044)	0.69	0.43	1.12
	3-5	2/3/2004	ND(0.042)	ND(0.042)	0.31	0.12	0.43
	5-7	2/3/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
I9-10-8-SB-12	7-9	2/3/2004	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	9-11	4/14/2004	ND(0.044) J	ND(0.044) J	ND(0.044) J	ND(0.044) J	ND(0.044) J
	0-1	2/2/2004	ND(0.049)	ND(0.049)	0.31	0.33	0.64
	1-3	2/2/2004	ND(0.036)	ND(0.036)	0.32	0.35	0.67
	3-5	2/2/2004	ND(4.2)	ND(4.2)	14	ND(4.2)	14
	5-7	2/2/2004	ND(4.7)	ND(4.7)	17	16	33
	7-9	4/14/2004	ND(23)	380	100	23 J	503
I9-10-8-SB-13	0-1	1/29/2004	ND(0.043)	ND(0.043)	0.63	0.49	1.12
	1-3	1/29/2004	ND(0.040)	ND(0.040)	0.045	0.048	0.093
I9-10-8-SB-14	3-5	1/29/2004	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	0-1	1/29/2004	ND(0.040)	ND(0.040)	0.42	0.34	0.76
I9-10-8-SB-14	1-3	1/29/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)

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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	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Parcel I9-10-8 (continued)							
I9-10-8-SB-15	0-1	1/29/2004	ND(0.048)	ND(0.048)	1.3	0.59	1.89
	1-3	1/29/2004	ND(0.040)	ND(0.040)	0.66	0.33	0.99
	3-5	1/29/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
Parcel I9-10-11							
I9-10-8-SB-16	1-3	3/9/2005	ND(0.51)	20	9.9	4.3	34.2
	3-5	3/9/2005	ND(0.49)	ND(0.49)	3.9	1.7	5.6
	5-7	3/9/2005	ND(0.052)	ND(0.052)	2.5	1.1	3.6
	7-9	3/9/2005	ND(0.046) [ND(0.048)]	ND(0.046) [0.84]	0.17 [0.30]	0.070 [0.15]	0.24 [1.29]
	9-11	3/9/2005	ND(0.092)	ND(0.092)	0.078 J	ND(0.092)	0.078 J
Esther Terrace							
ET-SB-1	0-1	3/8/2005	ND(0.043)	ND(0.043)	0.43	0.36	0.79
	1-3	3/8/2005	ND(0.044)	ND(0.044)	0.025 J	0.022 J	0.047 J
Recreational Area 1							
I9-10-9-SB-1	0-1	6/9/2003	ND(0.040) J [ND(0.041)]	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)	ND(0.038)	0.089	0.089
I9-10-9-SB-2	0-1	6/9/2003	ND(0.041)	ND(0.041)	0.16	0.066	0.226
	1-3	6/9/2003	ND(0.042)	ND(0.042)	0.61	0.18	0.79
RA-1-SB-1	0-1	6/9/2003	ND(0.041)	ND(0.041)	0.047 J	ND(0.041)	0.047
	1-3	6/9/2003	ND(0.044)	ND(0.044)	1.0	ND(0.044)	1.0
RA-1-SB-2	0-1	6/9/2003	ND(0.046)	ND(0.046)	0.14	0.10	0.24
	1-3	6/9/2003	ND(0.039)	ND(0.039)	0.10	0.065	0.165
RA-1-SB-3	0-1	6/9/2003	ND(0.038)	ND(0.038)	0.035 J	ND(0.038)	0.035 J
	1-3	6/9/2003	ND(0.037)	ND(0.037)	0.25	0.077	0.327
RA-1-SB-4	0-1	6/9/2003	ND(0.037)	ND(0.037)	0.69	0.37	1.06
	1-3	6/9/2003	ND(0.040)	ND(0.040)	1.2	0.57	1.77
RA-1-SB-5	0-1	6/9/2003	ND(0.62)	ND(0.62)	ND(0.62)	6.5	6.5
	1-3	6/9/2003	ND(31)	ND(31)	300	66	366
RA-1-SB-6	0-1	6/10/2003	ND(0.039)	ND(0.039)	0.97	0.39	1.36
	1-3	6/10/2003	ND(0.036)	ND(0.036)	0.060 J	0.038	0.098 J
RA-1-SB-7	0-1	6/10/2003	ND(0.052)	ND(0.052)	ND(0.052)	0.35	0.35
	1-3	6/10/2003	ND(2.5) [ND(5.6)]	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)	ND(0.038)	0.31	0.34	0.65
	1-3	6/10/2003	ND(0.037)	ND(0.037)	0.11	0.082	0.192
RA-2-SB-2	1-3	6/10/2003	ND(0.036)	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)	ND(0.036)	0.060	0.060
	1-3	6/10/2003	ND(0.036)	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)	ND(0.036)	0.31	0.31
	1-3	6/10/2003	ND(0.036)	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)	ND(0.039)
	1-3	6/10/2003	ND(0.037)	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)	ND(0.036)	0.095	0.095
	1-3	6/10/2003	ND(0.036)	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)	ND(0.036)	0.058	0.058
	1-3	6/10/2003	ND(0.038)	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)	ND(3.7)	31	31
RA-2-SB-9	0-1	6/10/2003	ND(0.035)	ND(0.035)	ND(0.035)	0.091	0.091
	1-3	6/10/2003	ND(0.037)	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)	ND(0.038)	1.3	1.3
	1-3	6/10/2003	ND(0.38)	ND(0.38)	3.4	1.5	4.9
RA-2-SB-11	0-1	6/10/2003	ND(0.036)	ND(0.036)	ND(0.036)	0.36	0.36
	1-3	6/10/2003	ND(0.036)	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)	ND(0.24)	2.6	2.6
	1-3	6/10/2003	ND(52)	ND(52)	620	73	693
RA-3-SB-2	0-1	6/10/2003	ND(0.038)	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)]	ND(0.038) [ND(0.038)]
RA-3-SB-3	0-1	6/10/2003	ND(4.6)	ND(4.6)	42	42	84
	1-3	6/10/2003	ND(4.3)	ND(4.3)	32	13	45
RA-3-SB-4	0-1	6/10/2003	ND(0.038)	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)	ND(0.037)
RA-3-SB-4-S	0-1	5/1/2007	ND(0.041)	ND(0.041)	0.51	0.42	0.93
	1-3	5/1/2007	ND(21)	ND(21)	96	30	126
RA-3-SB-5	0-1	6/10/2003	ND(27)	ND(27)	84	17 J	101
	1-3	6/10/2003	ND(59)	ND(59)	290	71	361

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

**CONCEPTUAL RD/RA WORK PLAN 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	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Recreational Area 3 (continued)							
RA-3-SB-5-N	0-1	5/1/2007	ND(0.036)	ND(0.036)	0.12	0.054	0.174
	1-3	5/1/2007	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]
RA-3-SB-6	0-1	6/10/2003	ND(0.038)	ND(0.038)	0.29	0.23	0.52
	1-3	6/10/2003	ND(0.037)	ND(0.037)	ND(0.037)	0.029 J	0.029 J
RA-3-SB-6-S	0-1	5/1/2007	ND(450)	ND(450)	610	ND(450)	610
	1-3	5/1/2007	ND(180)	ND(180)	430	ND(180)	430
RA-3-SB-7	0-1	6/11/2003	ND(0.21)	ND(0.21)	1.4	0.90	2.3
	1-3	6/11/2003	ND(25)	ND(25)	760	ND(25)	760
RA-3-SB-7-N	0-1	5/1/2007	ND(0.040)	ND(0.040)	0.054	0.022 J	0.076
	1-3	5/1/2007	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RA-3-SB-8	0-1	6/11/2003	ND(0.039)	ND(0.039)	0.45	0.23	0.68
	1-3	6/11/2003	ND(0.039)	ND(0.039)	0.028 J	ND(0.039)	0.028 J
RA-3-SB-8-S	0-1	5/1/2007	ND(4.4)	ND(4.4)	ND(4.4)	20	20
	1-3	5/1/2007	ND(46)	ND(46)	ND(46)	210	210
RA-3-SB-9	0-1	6/11/2003	ND(6.8)	ND(6.8)	22	14	36
	1-3	6/11/2003	ND(230)	ND(230)	2600	250	2850
RA-3-SB-10	0-1	6/11/2003	ND(0.038)	ND(0.038)	0.21	0.20	0.41
	1-3	6/11/2003	ND(0.039)	ND(0.039)	0.080	ND(0.039)	0.080
RA-3-SB-11	0-1	6/11/2003	ND(0.040)	ND(0.040)	0.74	0.91	1.65
	1-3	6/11/2003	ND(0.037) [ND(0.037)]	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)	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)	ND(0.040)
RA-3-SB-13	0-1	6/11/2003	ND(0.041)	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)	ND(0.036)
RA-3-SB-14	0-1	6/11/2003	ND(0.21)	ND(0.21)	2.4	1.7	4.1
	1-3	6/11/2003	ND(0.40)	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)	ND(0.036)
	1-3	6/11/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
Recreational Area 4							
SL-BS-0.50-1	0-1	9/15/2006	ND(0.36)	ND(0.36)	3.6	ND(0.36)	3.6
	1-3	9/15/2006	ND(0.033)	ND(0.033)	0.069	ND(0.033)	0.069
SL-BS-0.83-1	0-1	9/15/2006	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	1-3	9/15/2006	ND(0.032)	ND(0.032)	0.076	ND(0.032)	0.076
RA-4-SB-1	0-1	6/11/2003	ND(0.039)	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)	ND(0.041)
RA-4-SB-2	0-1	6/11/2003	ND(0.91)	ND(0.91)	24	26	50
	1-3	6/11/2003	ND(0.94)	ND(0.94)	6.0	4.6	10.6
RA-4-SB-3	0-1	6/11/2003	ND(0.18)	ND(0.18)	3.1	1.6	4.7
	1-3	6/11/2003	ND(0.19)	ND(0.19)	1.7	0.74	2.44
RA-4-SB-4	0-1	6/11/2003	ND(0.19)	ND(0.19)	2.2	0.89	3.09
	1-3	6/11/2003	ND(0.036)	ND(0.036)	1.2	0.51	1.71
RA-4-SB-5	0-1	6/11/2003	ND(4.3)	ND(4.3)	12	ND(4.3)	12
	1-3	6/11/2003	ND(3.9) [ND(3.8)]	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)	ND(0.19)	0.73	ND(0.19)	0.73
	1-3	6/11/2003	ND(0.036)	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)	ND(0.041)
	1-3	6/11/2003	ND(0.036)	ND(0.036)	0.20	0.16	0.36
RA-4-SB-8	0-1	6/11/2003	ND(130)	ND(130)	2200	ND(130)	2200
	1-3	6/11/2003	ND(27)	ND(27)	170	ND(27)	170
RA-4-SB-9	0-1	6/11/2003	ND(0.041)	ND(0.041)	0.021 J	ND(0.041)	0.021 J
	1-3	6/11/2003	ND(0.039)	ND(0.039)	0.39	0.42	0.81
RA-4-SB-10	0-1	6/11/2003	ND(4.2)	ND(4.2)	12	ND(4.2)	12
	1-3	6/11/2003	ND(0.19)	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	ND(0.037) J	0.11 J	0.11 J
RA-4-SB-12	0-1	6/12/2003	ND(4.5)	ND(4.5)	14	5.5	19.5
	1-3	6/12/2003	ND(4.1)	ND(4.1)	42	16	58
RA-4-SB-13	0-1	6/12/2003	ND(0.20)	ND(0.20)	0.59	0.30	0.89
	1-3	6/12/2003	ND(0.039)	ND(0.039)	0.62	0.30	0.92
Recreational Area 5							
19-9-34-SB-1	0-1	9/16/2003	ND(0.21)	ND(0.21)	4.2	1.8	6.0
	1-3	9/16/2003	ND(0.035)	ND(0.035)	0.29	ND(0.035)	0.29
RA-5-SB-1	0-1	6/12/2003	ND(0.041) J	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	ND(0.036) J	0.024 J	0.024 J
RA-5-SB-2	0-1	6/12/2003	ND(21)	ND(21)	830	200	1030
	1-3	6/12/2003	ND(0.82)	ND(0.82)	15	4.0	19

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

**CONCEPTUAL RD/RA WORK PLAN 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	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Recreational Area 5 (continued)							
RA-5-SB-3	0-1	6/12/2003	ND(0.21)	ND(0.21)	0.70	0.74	1.44
	1-3	6/12/2003	ND(2.2) [ND(0.85)]	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)	ND(20)	70	42	112
	1-3	6/12/2003	ND(0.40)	ND(0.40)	3.6	6.8	10.4
RA-5-SB-5	0-1	6/12/2003	ND(0.042)	ND(0.042)	ND(0.042)	1.2	1.2
	1-3	6/12/2003	ND(0.24)	ND(0.24)	2.7	4.0	6.7
RA-5-SB-6	0-1	6/12/2003	ND(0.20)	ND(0.20)	1.8	1.3	3.1
	1-3	6/12/2003	ND(0.18)	ND(0.18)	2.3	1.0	3.3

Notes:

1. Samples were collected by ARCADIS BBL, and submitted to SGS Environmental Services, Inc. for analysis of PCBs.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
4. Field duplicate sample results are presented in brackets.
5. Shaded data indicate results from samples collected below the depth proposed for use in the PCB evaluations of the averaging area in question (designated as the "X" depth), as specified in Table 3 of this Conceptual Work Plan. The data from these samples are included herein for reference and are not included in the PCB evaluation tables in Appendix D for the relevant averaging area.

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 C-2
SUMMARY OF EPA PCB SOIL DATA

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221 -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
Parcel 19-9-1							
R84A100	R84A100(0-6)	0-0.5	10/13/1998	NA	ND(0.50) [ND(0.10)]	ND(0.50) [0.24]	ND(0.50) [0.24]
	R84A100(6-12)	0.5-1	10/13/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
R84A125	R84A125(0-6)	0-0.5	10/13/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R84A125(6-12)	0.5-1	10/13/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
R84A150	R84A150(0-6)	0-0.5	10/13/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R84A150(6-12)	0.5-1	10/13/1998	NA	0.30 J	0.30 J	0.60 J
R84B100	R84B100(0-6)	0-0.5	10/13/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R84B100(6-12)	0.5-1	10/13/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R84B100(0-2)	0-2	10/28/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R84B100(2-4)	2-4	10/28/1998	NA	0.20 J	0.20 J	0.40 J
	R84B100(4-6)	4-6	10/28/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R84B100(6-8)	6-8	10/28/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
R84B125	R84B125(0-6)	0-0.5	10/13/1998	NA	0.20 J	0.20 J	0.40 J
	R84B125(6-12)	0.5-1	10/13/1998	NA	ND(0.60)	0.20 J	0.20 J
R84A165	R84A165(0-6)	0-0.5	10/13/1998	NA	1.1 J	1.6 J	2.7 J
	R84A165(6-12)	0.5-1	10/13/1998	NA	13	5.6 J	19 J
	R84A165(0-2)	0-2	10/28/1998	NA	8.1	3.0 J	11 J
	R84A165(2-4)	2-4	10/28/1998	NA	3.2	1.1 J	4.3 J
	R84A165(4-6)	4-6	10/28/1998	NA	ND(1.7)	ND(1.7)	ND(1.7)
	R84A165(6-8)	6-8	10/28/1998	NA	ND(12)	ND(2.4)	ND(12)
R84A168	R84A168(0-6)	0-0.5	10/13/1998	NA	150 J	160 J	310 J
	R84A168(6-12)	0.5-1	10/13/1998	NA	640 [790]	ND(300) [150]	640 [940]
	R84A168(0-2)	0-2	10/28/1998	NA	220	ND(85)	220
	R84A168(2-4)	2-4	10/28/1998	NA	82 J [200]	18 J [36]	100 J [236]
	R84A168(4-6)	4-6	10/28/1998	NA	51 J	13 J	64 J
	R84A168(6-8)	6-8	10/28/1998	NA	7.0 J	2.0	9.0 J
R84B134	R84B134(0-6)	0-0.5	10/13/1998	NA	0.20 J	0.20 J	0.40 J
	R84B134(6-12)	0.5-1	10/13/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
R84B144	R84B144(0-6)	0-0.5	10/13/1998	NA	99 J	110 J	210 J
	R84B144(6-12)	0.5-1	10/13/1998	NA	1200 [980]	ND(230) [ND(290)]	1200 [980]
	R84B144(0-2)	0-2	10/28/1998	NA	78 J	110	190 J
	R84B144(2-4)	2-4	10/28/1998	NA	13 J	16	29 J
	R84B144(4-6)	4-6	10/28/1998	NA	13 J	13	26 J
	R84B144(6-8)	6-8	10/28/1998	NA	7.7 J	7.8	16 J
R84C075	R84C075(0-6)	0-0.5	10/13/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R84C075(6-12)	0.5-1	10/13/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
R84C100	R84C100(0-6)	0-0.5	10/13/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R84C100(6-12)	0.5-1	10/13/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
R84C104	R84C104(0-6)	0-0.5	10/13/1998	NA	0.20 J	0.20 J	0.40 J
	R84C104(6-12)	0.5-1	10/13/1998	NA	ND(0.50) [ND(0.090)]	ND(0.50) [ND(0.090)]	ND(0.50) [ND(0.090)]
R84C116	R84C116(0-6)	0-0.5	10/13/1998	NA	0.20 J	0.40 J	0.60 J
	R84C116(6-12)	0.5-1	10/13/1998	NA	ND(7.8)	25 J	25 J
	R84C116(0-2)	0-2	10/28/1998	NA	11 J	19	30 J
	R84C116(2-4)	2-4	10/28/1998	NA	10 J	5.5	16 J
	R84C116(4-6)	4-6	10/28/1998	NA	7.9 J [7.4]	5.4 [5.6]	13 J [13]
	R84C116(6-8)	6-8	10/28/1998	NA	4.7 J	3.2	7.9 J
I9-9-1	SL-BH001030-0-0010	1-3	6/20/2003	ND(0.68)	4.5 J	7.9	12 J
Parcel 19-9-9							
I9-9-9	SL-BH001031-0-0070	7-9	6/23/2003	ND(1.3)	17	11	28
Parcel 19-9-32							
BH001472	SL-BH001472-0-0000	0-1	4/9/2008	ND(0.15)	2.4	0.99	3.39
	SL-BH001472-0-0010	1-3	4/9/2008	ND(5.4)	55	33	88
Parcel 19-9-34							
I9-9-34	SL-BH001093-0-0010	0-1	9/16/2003	ND(0.085)	0.47 J	0.74	1.2 J
Parcel 19-9-201							
I9-9-11	SL-BH001034-0-0010	1-3	6/24/2003	ND(0.69)	3.6 J	5.8	9.4 J
I9-9-11	SL-BH001212-0-0030	3-6	2/17/2004	ND(0.022)	0.13 J	0.033	0.16 J
Parcel 19-10-8							
BH001469	SL-BH001469-0-0000	0-1	4/9/2008	ND(53)	380	100	480
	SL-BH001469-0-0010	1-3	4/9/2008	ND(1.6)	14	6.3	20.3
	SL-BH001469-0-0030	3-6	4/9/2008	ND(2.7)	29	6.2	35.2
BH001470	SL-BH001470-0-0000	0-1	4/9/2008	ND(5.4)	35	41	76
	SL-BH001470-0-0010	1-3	4/9/2008	ND(0.54)	1.3	5.1	6.4
	SL-BH001470-0-0030	3-6	4/9/2008	ND(0.028)	0.15	0.045	0.195
BH001471	SL-BH001471-0-0000	0-1	4/9/2008	ND(13)	81	130	211
	SL-BH001471-0-0010	1-3	4/9/2008	ND(2.3)	5.8 J	28	33.8
	SL-BH001471-0-0030	3-6	4/9/2008	ND(0.025)	0.17	0.14	0.31
R83A475	R83A475(0-6)	0-0.5	10/14/1998	NA	ND(0.60)	0.70	0.70
	R83A475(6-12)	0.5-1	10/14/1998	NA	ND(0.60)	1.0	1.0

TABLE C-2
SUMMARY OF EPA PCB SOIL DATA

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221 -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
Parcel I9-10-8 (continued)							
R83B150	R83B150(0-6)	0-0.5	10/13/1998	NA	ND(0.50)	0.90	0.90
	R83B150(6-12)	0.5-1	10/13/1998	NA	ND(0.50)	1.4	1.4
R83B175	R83B175(0-6)	0-0.5	10/13/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R83B175(6-12)	0.5-1	10/13/1998	NA	ND(0.50)	0.90	0.90
R83B200	R83B200(0-6)	0-0.5	10/13/1998	NA	ND(0.60)	0.30 J	0.30 J
	R83B200(6-12)	0.5-1	10/13/1998	NA	ND(0.50) [ND(0.11)]	0.40 J [0.22]	0.40 J [0.22]
R83B225	R83B225(0-6)	0-0.5	10/13/1998	NA	ND(0.50) [0.17]	0.20 J [0.16]	0.20 J [0.33]
	R83B225(6-12)	0.5-1	10/13/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
R83B250	R83B250(0-6)	0-0.5	10/13/1998	NA	ND(0.60)	0.30 J	0.30 J
	R83B250(6-12)	0.5-1	10/13/1998	NA	ND(0.60)	0.30 J	0.30 J
R83B275	R83B275(0-6)	0-0.5	10/13/1998	NA	ND(0.60)	0.30 J	0.30 J
	R83B275(6-12)	0.5-1	10/13/1998	NA	0.30 J	0.20 J	0.50 J
R83B300	R83B300(0-6)	0-0.5	10/13/1998	NA	0.30 J	0.30 J	0.60 J
	R83B300(6-12)	0.5-1	10/13/1998	NA	0.40 J	0.30 J	0.70 J
R83B325	R83B325(0-6)	0-0.5	10/13/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R83B325(6-12)	0.5-1	10/13/1998	NA	0.30 J	0.40 J	0.70 J
R83B350	R83B350(0-6)	0-0.5	10/13/1998	NA	ND(0.60)	1.4	1.4
	R83B350(6-12)	0.5-1	10/13/1998	NA	ND(1.3)	2.6	2.6
	R83B350(0-2)	0-2	10/29/1998	NA	0.30 J	1.2	1.2 J
	R83B350(2-4)	2-4	10/29/1998	NA	ND(0.80)	ND(0.80)	ND(0.80)
	R83B350(4-6)	4-6	10/29/1998	NA	ND(0.80) [ND(8.1)]	ND(0.80) [ND(1.6)]	ND(0.80) [ND(8.1)]
	R83B350(6-8)	6-8	10/29/1998	NA	24 J [ND(0.17)]	12 J [ND(0.17)]	36 J [ND(0.17)]
R83B375	R83B375(0-6)	0-0.5	10/13/1998	NA	0.30 J [0.20 J]	0.40 J [0.30 J]	0.70 J [0.50 J]
	R83B375(6-12)	0.5-1	10/13/1998	NA	1.2 J	1.7	2.9 J
R83B400	R83B400(0-6)	0-0.5	10/14/1998	NA	23	8.0 J	31 J
	R83B400(6-12)	0.5-1	10/14/1998	NA	73	61	130
	R83B400(0-2)	0-2	10/29/1998	NA	32	13	45
	R83B400(2-4)	2-4	10/29/1998	NA	4.4 J	3.0	7.4 J
	R83B400(4-6)	4-6	10/29/1998	NA	1.1 J	0.80 J	1.9 J
	R83B400(6-8)	6-8	10/29/1998	NA	1.2	0.80	2.0
R83B425	R83B425(0-6)	0-0.5	10/14/1998	NA	3.6 [6.5]	1.5 J [6.4]	5.1 J [12]
	R83B425(6-12)	0.5-1	10/14/1998	NA	50	48	98
	R83B425(0-2)	0-2	10/29/1998	NA	ND(190)	110	110
	R83B425(2-4)	2-4	10/29/1998	NA	ND(86) [ND(36)]	48 [130]	48 [130]
	R83B425(4-6)	4-6	10/29/1998	NA	ND(99)	63	63
	R83B425(6-8)	6-8	10/29/1998	NA	ND(32)	22	22
R83B450	R83B450(0-6)	0-0.5	10/14/1998	NA	0.80	3.4 J	4.2 J
	R83B450(6-12)	0.5-1	10/14/1998	NA	ND(2.3)	0.60 J	0.60 J
R83B475	R83B475(0-6)	0-0.5	10/14/1998	NA	ND(0.70)	0.50 J	0.50 J
	R83B475(6-12)	0.5-1	10/14/1998	NA	ND(0.70)	ND(0.70)	ND(0.70)
	R83B475(0-2)	0-2	10/29/1998	NA	ND(7.9)	13	13
	R83B475(2-4)	2-4	10/29/1998	NA	ND(190)	250	250
	R83B475(4-6)	4-6	10/29/1998	NA	ND(580)	350	350
	R83B475(6-8)	6-8	10/29/1998	NA	ND(51)	50	50
R83C150	R83C150(0-6)	0-0.5	10/14/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R83C150(6-12)	0.5-1	10/14/1998	NA	ND(0.50)	0.20 J	0.20 J
R83C175	R83C175(0-6)	0-0.5	10/14/1998	NA	ND(0.50)	0.30 J	0.30 J
	R83C175(6-12)	0.5-1	10/14/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R83C175(0-2)	0-2	10/30/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R83C175(2-4)	2-4	10/30/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R83C175(4-6)	4-6	10/30/1998	NA	ND(0.60) [ND(0.12)]	ND(0.60) [ND(0.12)]	ND(0.60) [ND(0.12)]
	R83C175(6-8)	6-8	10/30/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
R83C200	R83C200(0-6)	0-0.5	10/14/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R83C200(6-12)	0.5-1	10/14/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
R83C225	R83C225(0-6)	0-0.5	10/14/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R83C225(6-12)	0.5-1	10/14/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
R83C250	R83C250(0-6)	0-0.5	10/14/1998	NA	ND(0.60)	0.20 J	0.20 J
	R83C250(6-12)	0.5-1	10/14/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
R83C275	R83C275(0-6)	0-0.5	10/14/1998	NA	ND(0.60)	0.30 J	0.30 J
	R83C275(6-12)	0.5-1	10/14/1998	NA	ND(0.60)	0.30 J	0.30 J
	R83C275(0-2)	0-2	10/30/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R83C275(2-4)	2-4	10/30/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R83C275(4-6)	4-6	10/30/1998	NA	ND(1.0)	ND(1.0)	ND(1.0)
	R83C275(6-8)	6-8	10/30/1998	NA	ND(1.1) [ND(0.21)]	ND(1.1) [ND(0.21)]	ND(1.1) [ND(0.21)]
R83C300	R83C300(0-6)	0-0.5	10/14/1998	NA	0.30 J [ND(2.2)]	0.40 J [ND(1.3)]	0.70 J [ND(2.2)]
	R83C300(6-12)	0.5-1	10/14/1998	NA	0.40 J [0.36]	0.50 J [0.37]	0.90 J [0.73]
R83C325	R83C325(0-6)	0-0.5	10/14/1998	NA	ND(0.70)	1.9 J	1.9 J
	R83C325(6-12)	0.5-1	10/14/1998	NA	ND(0.70)	1.6 J	1.6 J

TABLE C-2
SUMMARY OF EPA PCB SOIL DATA

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

Location ID	Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221 -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
Parcel I9-10-8 (continued)							
R83C328	R83C328(0-6)	0-0.5	10/14/1998	NA	0.80	2.0 J	2.8 J
	R83C328(6-12)	0.5-1	10/14/1998	NA	0.70 [0.74]	1.6 J [0.81]	2.3 J [1.6]
R83C332	R83C332(0-6)	0-0.5	10/14/1998	NA	ND(11)	11 J	22 J
	R83C332(6-12)	0.5-1	10/14/1998	NA	ND(1.5)	3.2 J	3.2 J
	R83C332(0-2)	0-2	10/29/1998	NA	2.0 J	6.4	8.4 J
	R83C332(2-4)	2-4	10/29/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R83C332(4-6)	4-6	10/29/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R83C332(6-8)	6-8	10/29/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
R83D150	R83D150(0-6)	0-0.5	10/14/1998	NA	0.30 J	0.50 J	0.80 J
	R83D150(6-12)	0.5-1	10/14/1998	NA	0.30 J [0.30]	0.50 J [0.44]	0.80 J [0.74]
R83D175	R83D175(0-6)	0-0.5	10/14/1998	NA	0.30 J	0.40 J	0.70 J
	R83D175(6-12)	0.5-1	10/14/1998	NA	0.30 J	0.50 J	0.80 J
R83D200	R83D200(0-6)	0-0.5	10/14/1998	NA	0.30 J	0.40 J	0.70 J
	R83D200(6-12)	0.5-1	10/14/1998	NA	0.70	0.50 J	1.2 J
R83D225	R83D225(0-6)	0-0.5	10/14/1998	NA	1.5	0.90	2.4
	R83D225(6-12)	0.5-1	10/14/1998	NA	1.8	1.0	2.8
	R83D225(0-2)	0-2	10/30/1998	NA	1.4	0.50 J	1.9 J
	R83D225(2-4)	2-4	10/30/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R83D225(4-6)	4-6	10/30/1998	NA	ND(11)	ND(0.60)	ND(11)
	R83D225(6-8)	6-8	10/30/1998	NA	ND(0.90)	ND(0.90)	ND(0.90)
R83D250	R83D250(0-6)	0-0.5	10/14/1998	NA	0.30 J [ND(0.13)]	0.50 J [0.23]	0.80 J [0.23]
	R83D250(6-12)	0.5-1	10/14/1998	NA	0.20 J	0.30 J	0.50 J
R83D275	R83D275(0-6)	0-0.5	10/14/1998	NA	0.50 J	0.70 J	1.2 J
	R83D275(6-12)	0.5-1	10/14/1998	NA	0.60 J [ND(1.6)]	1.0 J [1.5 J]	1.6 J [1.5 J]
R83D281	R83D281(0-6)	0-0.5	10/14/1998	NA	ND(2.3)	1.2	1.2
	R83D281(6-12)	0.5-1	10/14/1998	NA	ND(2.8)	2.4	2.4
R83D295	R83D295(0-6)	0-0.5	10/14/1998	NA	110 [110]	77 [180]	190 [290]
	R83D295(6-12)	0.5-1	10/14/1998	NA	810	570	1400
	R83D295(0-2)	0-2	10/29/1998	NA	3.3 [3.4]	2.3 [1.5]	5.6 [4.9]
	R83D295(2-4)	2-4	10/29/1998	NA	7.7	4.7	12
	R83D295(4-6)	4-6	10/29/1998	NA	ND(3.7)	3.5	3.5
	R83D295(6-8)	6-8	10/29/1998	NA	1.6 [3.6]	1.3 [2.1]	2.9 [5.7]
R83E150	R83E150(0-6)	0-0.5	10/14/1998	NA	1.8	2.3	4.1
	R83E150(6-12)	0.5-1	10/14/1998	NA	2.8	1.8	4.6
	R83E150(0-2)	0-2	10/30/1998	NA	2.0	1.7	3.7
	R83E150(2-4)	2-4	10/30/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R83E150(4-6)	4-6	10/30/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R83E150(6-8)	6-8	10/30/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
R83E175	R83E175(0-6)	0-0.5	10/14/1998	NA	1.1 [0.58]	1.3 [0.79]	2.4 [1.3]
	R83E175(6-12)	0.5-1	10/14/1998	NA	1.4	1.5	2.9
R83E200	R83E200(0-6)	0-0.5	10/14/1998	NA	0.80 [ND(1.6)]	1.0 [1.4 J]	1.8 [1.4 J]
	R83E200(6-12)	0.5-1	10/14/1998	NA	0.90	1.0	1.9
	R83E200(0-2)	0-2	10/30/1998	NA	0.40 J	ND(0.50)	0.40 J
	R83E200(2-4)	2-4	10/30/1998	NA	ND(0.70)	ND(0.70)	ND(0.70)
	R83E200(4-6)	4-6	10/30/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R83E200(6-8)	6-8	10/30/1998	NA	ND(0.80) [ND(0.80)]	ND(0.80) [ND(0.80)]	ND(0.80) [ND(0.80)]
R83E225	R83E225(0-6)	0-0.5	10/14/1998	NA	0.90	1.1	2.0
	R83E225(6-12)	0.5-1	10/14/1998	NA	0.80 [0.72]	0.90 [0.79]	1.7 [1.5]
	R83E225(0-2)	0-2	10/30/1998	NA	0.60 J [1.2]	0.90 [1.1]	1.5 J [2.3]
	R83E225(2-4)	2-4	10/30/1998	NA	ND(0.70)	ND(0.70)	ND(0.70)
	R83E225(4-6)	4-6	10/30/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R83E225(6-8)	6-8	10/30/1998	NA	ND(1.0)	ND(1.0)	ND(1.0)
R83E250	R83E250(0-6)	0-0.5	10/14/1998	NA	4.1 J	2.2 J	6.3 J
	R83E250(6-12)	0.5-1	10/14/1998	NA	7.1	2.8 J	9.9 J
R83E254	R83E254(0-6)	0-0.5	10/14/1998	NA	2.6	2.7 J	5.3 J
	R83E254(6-12)	0.5-1	10/14/1998	NA	5.1 J [7.0]	2.2 J [2.3]	7.3 J [9.3]
R83E264	R83E264(0-6)	0-0.5	10/14/1998	NA	99	65	160
	R83E264(6-12)	0.5-1	10/14/1998	NA	ND(110)	88	88
	R83E264(0-2)	0-2	10/29/1998	NA	68	42	110
	R83E264(2-4)	2-4	10/29/1998	NA	16	5.7	22
	R83E264(4-6)	4-6	10/29/1998	NA	15	6.6	22
	R83E264(6-8)	6-8	10/29/1998	NA	ND(25)	ND(2.5)	ND(25)
R83W475	R83W475(0-6)	0-0.5	10/14/1998	NA	0.70 J	1.0 J	1.7 J
	R83W475(6-12)	0.5-1	10/14/1998	NA	10	7.7	18
I9-10-8	SL-BH001208-0-0050	5-7	2/2/2004	ND(1.1)	11 J	4.3	15 J

TABLE C-2
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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221 -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
Parcel I9-10-10							
R44B120	R44B120(0-6)	0-0.5	10/12/1998	NA	ND(0.50)	0.20 J	0.20 J
	R44B120(6-12)	0.5-1	10/12/1998	NA	0.30 J	0.30 J	0.60 J
	R44C100(0-6)	0-0.5	10/12/1998	NA	0.30 J	0.40 J	0.70 J
	R44C100(6-12)	0.5-1	10/12/1998	NA	0.40 J	0.40 J	0.80 J
R83A450	R83A450(0-6)	0-0.5	10/14/1998	NA	ND(0.80)	0.30 J	0.30 J
	R83A450(6-12)	0.5-1	10/14/1998	NA	ND(0.60) [ND(0.50)]	0.50 J [0.60 J]	0.50 J [0.60 J]
	R83A450(0-2)	0-2	10/30/1998	NA	0.40 J	0.70 J	1.1 J
	R83A450(2-4)	2-4	10/30/1998	NA	3.5	3.6	7.1
	R83A450(4-6)	4-6	10/30/1998	NA	1.3	1.4	2.7
	R83A450(6-8)	6-8	10/30/1998	NA	0.40 J	0.40 J	0.80 J
Parcel I9-10-11							
R43A100	R43A100(0-6)	0-0.5	9/21/1998	NA	0.20 J	0.40 J	0.60 J
	R43A100(6-12)	0.5-1	9/21/1998	NA	0.20 J	0.40 J	0.60 J
R43A120	R43A120(0-6)	0-0.5	9/21/1998	NA	ND(0.50)	0.40 J	0.40 J
	R43A120(6-12)	0.5-1	9/21/1998	NA	0.30 J [ND(0.11)]	0.50 [0.54]	0.80 J [0.54]
	R43A120(0-2)	0-2	10/26/1998	NA	ND(0.60)	0.20 J	0.20 J
	R43A120(2-4)	2-4	10/26/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R43A120(4-6)	4-6	10/26/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R43A120(6-8)	6-8	10/26/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
R43B100	R43B100(0-6)	0-0.5	9/21/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R43B100(6-12)	0.5-1	9/21/1998	NA	ND(0.50)	0.30 J	0.30 J
	R43B100(0-2)	0-2	10/26/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R43B100(2-4)	2-4	10/26/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R43B100(4-6)	4-6	10/26/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R43B100(6-8)	6-8	10/26/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
R43B120	R43B120(0-6)	0-0.5	9/21/1998	NA	ND(0.60)	0.30 J	0.30 J
	R43B120(6-12)	0.5-1	9/21/1998	NA	0.20 J	0.40 J	0.60 J
R43C100	R43C100(0-6)	0-0.5	9/21/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R43C100(6-12)	0.5-1	9/21/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
R43C120	R43C120(0-6)	0-0.5	9/21/1998	NA	ND(0.60)	0.30 J	0.30 J
	R43C120(6-12)	0.5-1	9/21/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R43C120(0-2)	0-2	10/26/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R43C120(2-4)	2-4	10/26/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R43C120(4-6)	4-6	10/26/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R43C120(6-8)	6-8	10/26/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
R44D120	R44D120(0-6)	0-0.5	10/12/1998	NA	0.20 J	0.50 J	0.70 J
	R44D120(6-12)	0.5-1	10/12/1998	NA	0.30 J [0.17]	0.30 J [0.24]	0.60 J [0.41]
R83A375	R83A375(0-6)	0-0.5	10/13/1998	NA	ND(1.7)	ND(1.0)	ND(1.7)
	R83A375(6-12)	0.5-1	10/13/1998	NA	0.40 J	ND(0.60)	0.40 J
R83A400	R83A400(0-6)	0-0.5	10/14/1998	NA	0.90	1.8	2.7
	R83A400(6-12)	0.5-1	10/14/1998	NA	2.1	2.1	4.2
R83A425	R83A425(0-6)	0-0.5	10/14/1998	NA	0.60 J	1.1	1.7 J
	R83A425(6-12)	0.5-1	10/14/1998	NA	1.3	1.5	2.8
	R83A425(0-2)	0-2	10/30/1998	NA	0.80	1.5	2.3
	R83A425(2-4)	2-4	10/30/1998	NA	0.30 J [0.60 J]	0.30 J [0.60 J]	0.60 J [1.2 J]
	R83A425(4-6)	4-6	10/30/1998	NA	ND(0.80)	ND(0.80)	ND(0.80)
	R83A425(6-8)	6-8	10/30/1998	NA	ND(0.70)	ND(0.70)	ND(0.70)
Parcel I9-10-12							
R79A100	R79A100(0-2)	0-2	10/27/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R79A100(0-6)	0-0.5	10/12/1998	NA	0.30 J	0.40 J	0.70 J
	R79A100(2-4)	2-4	10/27/1998	NA	0.80	0.50 J	1.3 J
	R79A100(4-6)	4-6	10/27/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R79A100(6-8)	6-8	10/27/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R79A100(6-12)	0.5-1	10/12/1998	NA	0.40 J	0.50 J	0.90 J
	R83A325	R83A325(0-6)	0-0.5	10/13/1998	NA	ND(0.60)	0.30 J
	R83A325(6-12)	0.5-1	10/13/1998	NA	0.30 J	0.40 J	0.70 J
R83A350	R83A350(0-6)	0-0.5	10/13/1998	NA	0.30 J	0.60 J	0.90 J
	R83A350(6-12)	0.5-1	10/13/1998	NA	0.50 J	0.70	1.2 J
Parcel I9-10-13							
R42A120	R42A120(0-6)	0-0.5	9/21/1998	NA	ND(0.50)	0.20 J	0.20 J
	R42A120(6-12)	0.5-1	9/21/1998	NA	ND(0.50)	0.20 J	0.20 J
	R42A120(0-2)	0-2	10/27/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R42A120(2-4)	2-4	10/27/1998	NA	0.20 J	ND(0.50)	0.20 J
	R42A120(4-6)	4-6	10/27/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R42A120(6-8)	6-8	10/27/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)

**TABLE C-2
SUMMARY OF EPA PCB SOIL DATA**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Location ID	Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221 -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
Parcel I9-10-13 (continued)							
R42C120	R42C120(0-6)	0-0.5	9/21/1998	NA	ND(0.50) [ND(0.10)]	0.50 J [0.14]	0.50 J [0.14]
	R42C120(6-12)	0.5-1	9/21/1998	NA	ND(0.50)	0.30 J	0.30 J
	R42C120(0-2)	0-2	10/27/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R42C120(2-4)	2-4	10/27/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R42C120(4-6)	4-6	10/27/1998	NA	ND(0.80)	ND(0.80)	ND(0.80)
	R42C120(6-8)	6-8	10/27/1998	NA	ND(0.80)	ND(0.80)	ND(0.80)
R83A275	R83A275(0-6)	0-0.5	10/13/1998	NA	ND(0.70)	0.40 J	0.40 J
	R83A275(6-12)	0.5-1	10/13/1998	NA	0.20 J	0.30 J	0.50 J
R83A300	R83A300(0-6)	0-0.5	10/13/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R83A300(6-12)	0.5-1	10/13/1998	NA	ND(0.60)	0.30 J	0.30 J
Parcel I9-10-14							
R83A200	R83A200(0-6)	0-0.5	10/13/1998	NA	ND(0.60)	0.40 J	0.40 J
	R83A200(6-12)	0.5-1	10/13/1998	NA	ND(0.50) [ND(0.11)]	0.40 J [0.41]	0.40 J [0.41]
R83A225	R83A225(0-6)	0-0.5	10/13/1998	NA	ND(0.70)	ND(0.70)	ND(0.70)
	R83A225(6-12)	0.5-1	10/13/1998	NA	ND(0.60)	0.30 J	0.30 J
	R83A225(0-2)	0-2	10/30/1998	NA	ND(0.60)	0.20 J	0.20 J
	R83A225(2-4)	2-4	10/30/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R83A225(4-6)	4-6	10/30/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R83A225(6-8)	6-8	10/30/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
R83A250	R83A250(0-6)	0-0.5	10/13/1998	NA	0.30 J	0.30 J	0.60 J
	R83A250(6-12)	0.5-1	10/13/1998	NA	0.20 J	0.30 J	0.50 J
Parcel I9-10-15							
R83A150	R83A150(0-6)	0-0.5	10/13/1998	NA	ND(0.70)	1.3	1.3
	R83A150(6-12)	0.5-1	10/13/1998	NA	0.40 J	2.8	3.2 J
	R83A150(0-2)	0-2	10/29/1998	NA	ND(0.60)	0.50 J	0.50 J
	R83A150(2-4)	2-4	10/29/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R83A150(4-6)	4-6	10/29/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R83A150(6-8)	6-8	10/29/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
R83A175	R83A175(0-6)	0-0.5	10/13/1998	NA	ND(0.60)	0.70	0.70
	R83A175(6-12)	0.5-1	10/13/1998	NA	ND(0.50)	0.30 J	0.30 J
RECREATIONAL AREA 1 (RA-1)							
BH001464	SL-BH001464-0-0000	0-1	4/9/2008	ND(34)	250	110	360
	SL-BH001464-0-0010	1-3	4/9/2008	ND(13)	120	42	162
BH001465	SL-BH001465-0-0000	0-1	4/9/2008	ND(0.12) [ND(0.069)]	0.81 [0.55]	0.63 [0.49]	1.44 [1.04]
	SL-BH001465-0-0010	1-3	4/9/2008	ND(14)	120	69	189
RECREATIONAL AREA 3 (RA-3)							
BH001466	SL-BH001466-0-0000	0-1	4/9/2008	ND(65)	460	150	610
	SL-BH001466-0-0010	1-3	4/9/2008	ND(47)	710	100	810
BH001467	SL-BH001467-0-0000	0-1	4/9/2008	ND(4.6)	37	13	50
	SL-BH001467-0-0010	1-3	4/9/2008	ND(0.44)	3.4	2.3	5.7

Notes:

1. Sample collection and analysis performed by United States Environmental Protection Agency (EPA) Subcontractors. Results provided to GE under a Data Exchange Agreement between GE and EPA.
2. NA - Not Analyzed - EPA did not report results for this analyte.
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 - Estimated Value

**TABLE C-3
SUMMARY OF PRIOR (PRE-2003) PCB SOIL DATA**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Location ID	Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221 -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
Parcel I9-9-1							
SLB-8-BB	SLB-8-BB	0-0.5	2/23/1995	NA	0.97	2.2	3.17
SLB-8-TB	SLB-8-TB	0-0.5	10/11/1995	NA	ND(0.044)	ND(0.044)	ND(0.044)
Parcel I9-9-21							
SLB-7-MB	SLB-7-MB	0-0.5	5/24/1994	NA	NA	NA	1.3
		0.5-1	5/24/1994	NA	NA	NA	11
SLB-7-TB	SLB-7-TB	0-0.5	5/24/1994	ND(0.12)	1.2	1.2	2.4
		0.5-1	5/24/1994	ND(0.45)	2.3	1.6	3.9
SLB-7-TB-10	SLB-7-TB-10	0-0.5	10/11/1995	NA	ND(1.0) [ND(0.98)]	3.2 [3.1]	3.2 [3.1]
Parcel I9-9-23							
SLB-5-MB	SLB-5-MB	0-0.5	5/24/1994	ND(0.096) V	ND(0.078) V	0.13	0.13
		0.5-1	5/24/1994	ND(0.024)	ND(0.066) V	0.13	0.13
SLB-5-TB	SLB-5-TB	0-0.5	5/24/1994	ND(0.022)	ND(0.075) V	0.052	0.052
		0.5-1	5/24/1994	ND(0.021)	0.021 J	0.047	0.068
SLB-5-BB	SLB-5-BB	0-0.5	5/24/1994	ND(0.097) V	ND(0.045)	0.070	0.070
		0.5-1	5/24/1994	ND(0.024)	0.043 J	0.069	0.112
Parcel I9-9-24							
I9-9-24	I9-9-24-SS-1	0-0.5	9/24/1997	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)
		0.5-1	9/24/1997	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)
Parcel I9-9-25							
I9-9-25	I9-9-25-SB-1	0-0.5	11/22/2000	ND(0.042)	0.14	0.15	0.29
		0.5-1	11/22/2000	ND(0.041)	0.16	0.14	0.30
		1-2	11/22/2000	ND(0.040)	0.10	0.096	0.196
		2-4	11/22/2000	ND(0.047)	0.48	0.37	0.85
		4-6	11/22/2000	ND(0.044)	1.1	0.64	1.74
		6-8	11/22/2000	ND(0.25) [ND(0.25)]	4.6 [4.6]	ND(0.25) [ND(0.25)]	4.6 [4.6]
I9-9-25	I9-9-25-SB-2	0-0.5	11/22/2000	ND(0.042)	0.25	0.19	0.44
		0.5-1	11/22/2000	ND(0.039)	0.13	0.095	0.225
		1-2	11/22/2000	ND(0.041)	0.32	0.30	0.62
		2-4	11/22/2000	ND(0.042)	0.96	0.53	1.49
		4-6	11/22/2000	ND(0.043)	0.44	0.18	0.62
		6-8	11/22/2000	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
		8-10	11/22/2000	ND(0.054)	0.040 J	ND(0.054)	0.040 J
		10-12	11/22/2000	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)
Parcel I9-9-26							
I9-9-26-SS-1	I9-9-26-SS-1	0-0.5	5/19/1998	ND(0.020)	0.13	0.16	0.29
		0.5-1	5/19/1998	ND(0.019)	0.087	0.18	0.27
		4-6	11/27/2000	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
		12-14	11/27/2000	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
I9-9-26-SB-3	I9-9-26-SB-3	0-0.5	8/19/1998	ND(2.7)	9.6	6.5	16
		0.5-1	8/19/1998	ND(0.040)	ND(0.040)	0.33	0.33
		1-2	8/19/1998	ND(4.6)	32	41	73
		2-4	8/19/1998	ND(0.18)	1.9	1.4	3.3
		4-6	8/19/1998	ND(0.045)	0.097	ND(0.045)	0.097
		6-8	8/19/1998	ND(0.053)	0.12	ND(0.053)	0.12
I9-9-26-SB-4	I9-9-26-SB-4	0-0.5	8/19/1998	ND(0.041)	ND(0.041)	0.31	0.31
		0.5-1	8/19/1998	ND(0.89)	6.6	ND(0.89)	6.6
		1-2	8/19/1998	ND(0.037)	ND(0.037)	0.064	0.064
		2-4	8/19/1998	ND(0.046) [ND(0.045)]	ND(0.046) [ND(0.045)]	ND(0.046) [ND(0.045)]	ND(0.046) [ND(0.045)]
		4-6	8/19/1998	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
		6-8	8/19/1998	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
Parcel I9-9-29							
I9-9-29-SS-10	I9-9-29-SS-10	0-0.5	4/14/1998	ND(0.23)	ND(0.23)	1.3	1.3
		0.5-1	4/14/1998	ND(0.19)	ND(0.19)	1.0	1.0
		8-10	12/5/2000	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
I9-9-29-SB-1	I9-9-29-SB-1	0-0.5	3/4/1998	ND(0.55)	ND(0.55)	1.4	1.4
		0.5-1	3/4/1998	ND(0.18)	ND(0.18)	0.30	0.30
		1-2	3/4/1998	ND(0.075)	ND(0.075)	0.18	0.18
		2-4	3/4/1998	ND(0.074)	ND(0.074)	0.11	0.11
		4-6	3/4/1998	ND(0.21)	ND(0.21)	0.41	0.41
		6-8	3/4/1998	ND(0.093)	ND(0.093)	0.14	0.14
		8-10	3/4/1998	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.12)
		10-12	3/4/1998	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.11)
		12-14	3/4/1998	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.094)
		14-16	3/4/1998	ND(0.056)	ND(0.056)	ND(0.056)	ND(0.11)

**TABLE C-3
SUMMARY OF PRIOR (PRE-2003) PCB SOIL DATA**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Location ID	Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221 -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
Parcel I9-9-29 (continued)							
I9-9-29-SB-5	I9-9-29-SB-5	1-2	4/15/1998	ND(0.22)	ND(0.22)	2.0	2.0
		2-4	4/15/1998	ND(0.018)	0.035	0.062	0.097
		4-6	4/15/1998	ND(0.19)	0.55	1.0	1.6
		6-8	4/15/1998	ND(0.020)	0.24	0.22	0.46
		8-10	4/15/1998	ND(0.028)	ND(0.028)	0.042	0.042
		10-12	4/15/1998	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)
		12-14	4/15/1998	ND(0.028) [ND(0.027)]	ND(0.028) [ND(0.027)]	ND(0.028) [ND(0.027)]	ND(0.028) [ND(0.027)]
I9-9-29-SB-6	I9-9-29-SB-6	1-2	4/15/1998	ND(0.20)	ND(0.20)	1.9	1.9
		2-4	4/15/1998	ND(0.19)	2.1	ND(0.19)	2.1
		4-6	4/15/1998	ND(0.38)	5.1	ND(0.38)	5.1
		6-8	4/15/1998	ND(0.024)	0.081	ND(0.024)	0.081
		8-10	4/15/1998	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)
		10-12	4/15/1998	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)
		12-14	4/15/1998	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)
Parcel I9-9-30							
I9-9-30	I9-9-30-SB-1	0-0.5	12/5/2000	ND(0.045)	0.91	1.0	1.91
		0.5-1	12/5/2000	ND(0.045)	0.51	0.57	1.08
		1-2	12/5/2000	ND(0.046)	0.65	0.64	1.29
		2-4	12/5/2000	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
		4-6	12/5/2000	ND(0.23) [ND(0.044)]	6.4 [ND(0.044)]	3.4 [ND(0.044)]	9.8 [ND(0.044)]
		6-8	12/5/2000	ND(0.066)	ND(0.066)	ND(0.066)	ND(0.066)
I9-9-30	I9-9-30-SB-2	0-0.5	12/5/2000	ND(0.049)	0.073	0.072	0.145
		0.5-1	12/5/2000	ND(0.041)	0.16	0.26	0.42
		1-2	12/5/2000	ND(0.040)	0.44	0.67	1.11
		2-4	12/5/2000	ND(0.21)	1.7	2.4	4.1
		4-6	12/5/2000	ND(0.050)	0.16	0.13	0.29
		6-8	12/5/2000	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)
I9-9-30	I9-9-30-SB-3	0-0.5	12/5/2000	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
		0.5-1	12/5/2000	ND(0.039)	ND(0.039)	0.027 J	0.027 J
		1-2	12/5/2000	ND(0.039)	0.038 J	0.041	0.079
		2-4	12/5/2000	ND(0.042)	0.53	0.43	0.96
		4-6	12/5/2000	ND(0.045)	0.046 J	0.020 J	0.066 J
		6-8	12/5/2000	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
I9-9-30	I9-9-30-SS-1	0-0.5	12/5/2000	ND(0.060)	0.070	0.055 J	0.125
		0.5-1	12/5/2000	ND(0.074)	0.11	0.091	0.201
Parcel I9-10-8							
SLB-1-BB	SLB-1-BB	0-0.5	1/19/1995	NA	2.2	30	52
		0.5-1	1/19/1995	NA	120	94	214
		1-1.5	10/11/1995	NA	180	ND(120)	180
		1.5-2	10/11/1995	NA	72	ND(34) V	72
		2-2.5	10/11/1995	NA	4.7	ND(2.7) V	4.7
		2.5-3	10/11/1995	NA	45	ND(24) V	45
SLB-1-MB	SLB-1-MB	0-0.5	1/19/1995	NA	ND(6.4) V	9.0	9.0
		0.5-1	1/19/1995	NA	29	18	47
SLB-1-TB	SLB-1-TB	0-0.5	1/19/1995	NA	2.9	2.6	5.5 [4.2]
		0.5-1	1/19/1995	NA	ND(3.6)	2.8	2.96
SLB-1-TB-10	SLB-1-TB-10	0-0.5	10/11/1995	NA	0.28	0.20	0.48
SLB-1-TB-50	SLB-1-TB-50	0-0.5	1/19/1995	ND(0.052)	0.26	ND(0.22)V	0.26
Parcel I9-10-13							
I9-10-13	I9-10-13-SS-1	0-0.5	9/24/1997	ND(0.14)	0.14 AF	0.17	0.31
		0.5-1	9/24/1997	ND(0.13)	0.80 AF	0.14	0.94
Recreational Area 2							
SLB-2-BB	SLB-2-BB	0-0.5	5/24/1994	ND(0.049) V	ND(0.26) V	0.42	0.42
		0.5-1	5/24/1994	ND(0.034)	ND(0.77) V	0.96	0.96
SLB-2-MB	SLB-2-MB	0-0.5	5/24/1994	ND(0.022)	ND(0.045)	0.083	0.093
		0.5-1	5/24/1994	ND(0.020)	0.065	0.086	0.151
SLB-2-TB	SLB-2-TB	0-0.5	5/24/1994	ND(0.11)	ND(0.27) V	0.64	0.64
		0.5-1	5/24/1994	ND(0.11)	ND(0.47) V	1.2	1.28
SLB-6-BB	SLB-6-BB	0-0.5	5/24/1994	ND(0.024) [ND(0.024)]	ND(0.048) [ND(0.048)]	0.19 [0.19]	0.19 [0.202]
		0.5-1	5/24/1994	ND(0.12)	ND(0.46) V	0.76	0.76
SLB-6-MB	SLB-6-MB	0-0.5	5/24/1994	ND(0.11)	0.43	0.69	1.17
		0.5-1	5/24/1994	ND(0.22)	0.99	1.8	2.79
SLB-6-TB	SLB-6-TB	0-0.5	5/24/1994	ND(0.066) V	ND(0.040)	0.074	0.074
		0.5-1	5/24/1994	ND(0.11)	0.78	0.78	1.56

**TABLE C-3
SUMMARY OF PRIOR (PRE-2003) PCB SOIL DATA**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Location ID	Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221 -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
Recreational Area 3							
SLB-3-BB	SLB-3-BB	0-0.5	5/24/1994	ND(14) V	250	ND(4.6) V	250
		0.5-1	5/24/1994	ND(3.4)	52	ND(8.2) V	52
		1-1.5	10/11/1995	NA	57	ND(34)	57
		1.5-2	10/11/1995	NA	81	ND(40) V	81
		2-2.5	10/11/1995	NA	ND(17) V	23	23
		2.5-3	10/11/1995	NA	50	52	102
SLB-3-MB	SLB-3-MB	0-0.5	5/24/1994	ND(1.2)	5.5	7.5	13 [17.1]
		0.5-1	5/24/1994	ND(0.62) V	2.9	3.7	
SLB-9-BB	SLB-9-BB	0-0.5	2/23/1995	NA	43	26	69
SLB-9-TB	SLB-9-TB	0-0.5	10/11/1995	NA	9.7	ND(4.7)	9.7
SLB-9-TB-12	SLB-9-TB-12	0-0.5	10/11/1995	NA	ND(0.91)	0.92	0.92
Recreational Area 4							
SLB-4-BB	SLB-4-BB	0-0.5	5/24/1994	ND(2.5)	24	51	75
		0.5-1	5/24/1994	ND(1.2)	10	10	20
		1-1.5	10/11/1995	NA	ND(0.94)	1.2	1.2
		1.5-2	10/11/1995	NA	ND(0.93)	1.3	1.3
		2-2.5	10/11/1995	NA	ND(0.14) V	0.26	0.26
		2.5-3	10/11/1995	NA	ND(0.092)	0.13	0.13
SLB-4-MB	SLB-4-MB	0-0.5	5/24/1994	ND(1.2)	5.2	2.4	7.6
		0.5-1	5/24/1994	ND(1.2)	9.5	3.9	13.4
SLB-4-TB	SLB-4-TB	0-0.5	5/24/1994	ND(0.052) V	ND(0.099) V	0.21	0.21
		0.5-1	5/24/1994	ND(0.021)	ND(0.043)	0.10	0.10

Notes:

1. Samples were collected and analyzed by General Electric Company subcontractors for PCBs.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Shaded data indicate results from samples collected below the depth proposed for use in the PCB evaluations of the averaging area in question (designated as the "X" depth), as specified in Table 3 of this Conceptual Work Plan. The data from these samples are included herein for reference and are not included in the PCB evaluation tables in Appendix D for the relevant averaging area.

Data Qualifiers:

- AF - Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
- J - Estimated Value.
- V - Indicates an elevated detection limit due to interference.

ARCADIS

Appendix D

PCB Spatial Averaging Evaluation
Tables and Polygon Maps

[Bound Separately]

Appendix E

Non-PCB Appendix IX+3
Evaluation Tables and Figures

[Bound Separately]

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Appendix F

Risk Evaluation of Non-PCB
Appendix IX+3 Constituents in
Soils at Certain Areas Adjacent to
Silver Lake

**Risk Evaluation
of Non-PCB Appendix IX+3 Constituents
in Soils at Certain Areas Adjacent to Silver Lake**

Appendix F

to

**Revised Conceptual Removal Design/Removal Action
Work Plan for Soils Adjacent to Silver Lake**

APPENDIX F

Risk Evaluation of Non-PCB Appendix IX+3 Constituents in Soils at Certain Areas Adjacent to Silver Lake

1.0 Introduction

The Silver Lake Area Removal Action Area (Silver Lake RAA) at the GE-Pittsfield/Housatonic River Site includes the bank portions of properties adjoining the Lake, as well as a number of adjacent non-bank areas within those properties. A number of non-PCB constituents have been detected in the soils in these areas. For each bank and non-bank averaging area within the Silver Lake RAA, these constituents have been evaluated in accordance with the multi-step process established for non-PCB Appendix IX+3 constituents in the *Statement of Work for Removal Actions Outside the River* (SOW) (BBL, 1999), which is part of the Consent Decree (CD) for this Site. The steps in this process are described in the text of this Revised Conceptual Work Plan. These steps included screening by comparison of the maximum detected concentrations of the constituents to the applicable EPA Region 9 Preliminary Remediation Goals (PRGs) for soil listed in an attachment to the SOW (or, for some constituents, surrogate PRGs for similar compounds). Following this screening process, the average concentrations of the remaining constituents in each relevant depth increment were compared to the applicable Method 1 soil standards that have been established by the Massachusetts Department of Environmental Protection (MDEP) under the Massachusetts Contingency Plan (MCP). At several averaging areas where there were significant exceedances of the applicable Method 1 soil standards, soil remediation has been proposed that would address such constituents, and the comparison to Method 1 standards was then repeated after taking into account the proposed remediation.

As described in the text of this Revised Conceptual Work Plan, there are five averaging areas adjacent to Silver Lake at which, after the above process, one or more non-PCB constituents had average concentrations exceeding the applicable Method 1 soil standards in at least one of the relevant depth increments, either under existing conditions or after the proposed remediation. These areas are:

- The non-bank portion of Parcels I9-9-21 and I9-9-22 (commonly owned and evaluated jointly)
- The bank portion of Parcel I9-9-33

- The bank portion of Parcel I9-9-201 (formerly Parcels I9-9-11 and I9-9-101)
- Recreational Area 3 (RA-3)
- Recreational Area 4 (RA-4)

For these areas, area-specific risk evaluations of the non-PCB constituents have been conducted on behalf of the General Electric Company (GE). For the first two of these areas, these evaluations were conducted under existing conditions; and for the last three, the evaluations were conducted under post-remediation conditions. In all cases, the risk evaluations were performed for all non-PCB constituents that were retained prior to the comparison to the Method 1 soil standards (except for dioxins/furans, which were evaluated separately in accordance with the SOW, as described in the text of this Work Plan), and using the protocols for area-specific risk evaluations set forth in the SOW.

This Appendix describes and presents the results of the risk evaluations for the above-listed averaging areas. These areas have been evaluated based on the following types of uses:

- Parcel I9-9-21/-22 (non-bank) comprises the non-bank portion of a commercial property and thus has been evaluated as a commercial area.
- Parcel I9-9-33 (bank) is the bank portion of a commercial property. Under the CD and SOW, the bank portions of such properties are subject to Performance Standards for recreational areas, and hence this area has been evaluated as a recreational area.
- Parcel I9-9-201 (bank) is the bank portion of a commercial property. In accordance with the CD and SOW, this area has been evaluated as a recreational area.
- RA-3 is a strip of vacant land between Silver Lake Boulevard and Silver Lake, which, under the CD and SOW, is also subject to Performance Standards for recreational areas. As such, this area has been evaluated as a recreational area.
- RA-4 is also a strip of vacant land between Silver Lake Boulevard and Silver Lake, which, under the CD and SOW, is subject to Performance Standards for recreational areas. Hence, this area has also been evaluated as a recreational area.

In accordance with the SOW, these risk evaluations were based on: (a) the arithmetic average concentrations of the retained non-PCB constituents at each soil depth increment; (b) the exposure scenarios, soil depth increments, and exposure assumptions used by EPA in developing the PCB Performance Standards for commercial and recreational areas (as described in EPA, 1999) or directed by EPA in a letter dated September 23, 2008 (EPA, 2008a);

and (c) standard EPA toxicity values. As discussed below, for the constituents and averaging areas evaluated, estimated cancer risks and non-cancer hazards do not exceed the acceptable benchmarks prescribed in the SOW.

2.0 Constituents, Depth Increments, and Exposure Scenarios Evaluated

In accordance with the protocols set forth in the SOW, the risk evaluations presented herein have considered all chemicals of potential concern (COPCs) that were retained for evaluation after the initial screening steps described in this Revised Conceptual Work Plan but before the comparison to MCP Method 1 standards (except for 3-methylcholanthrene at RA-3, which was subsequently screened out for the reasons given in the Revised Conceptual Work Plan). The risk evaluations have used the average concentrations of those constituents at each of the averaging areas in question (under either existing or post-remediation conditions, as applicable) in each depth increment. The constituents evaluated, which vary from area to area, are shown in Table 1.

For each area, the average concentrations of the COPCs have been calculated for the same depth increments evaluated for PCBs, using the exposure scenarios used by EPA (1999) in developing the PCB Performance Standards in the CD or otherwise required by EPA (2008a), as described below:

- For commercial areas, the relevant depth increments under the CD and SOW are 0-1 foot, 0-3 feet (if a Grant of Environmental Restrictions and Easements [ERE] will not be executed), 1-6 feet, and 0-15 feet. For such properties, EPA (1999) evaluated the 0-1 foot depth increment using a Commercial Groundskeeper scenario and the 1-6 foot depth increment using a Utility Worker scenario. For the commercial area evaluated at this RAA – Parcels I9-9-21/-22 (non-bank), for which an ERE will not be executed – the evaluation was conducted for both the 0-1 and the 0-3 foot depth increments using the Commercial Groundskeeper scenario and for the 1-6 foot depth increment using the Utility Worker Scenario. In addition, as directed by EPA in its September 23, 2008 conditional approval letter for the Silver Lake RAA (EPA, 2008a), the 0-15 foot depth increment was evaluated using a Construction Worker scenario.

- For recreational bank areas in the Silver Lake RAA, the relevant depth increments under the CD and SOW are the 0-1 foot and 1-3 foot depth increments for areas where an ERE will be executed and the 0-1 foot and 0-3 foot depth increments for areas where an ERE will not be executed. For recreational areas, EPA (1999) used a Child Recreational User scenario to evaluate the 0-1 foot depth increment, and did not present any specific risk calculations to support the PCB Performance Standard for the 1-3 foot or 0-3 foot depth increments. For the bank areas at the Silver Lake RAA that have been evaluated as recreational – i.e., Parcel I9-9-33 (bank), Parcel I9-9-201 (bank), RA-3, and RA-4 – the Child Recreational User scenario has been applied to all relevant depth increments to be conservative. Since the owner of Parcel I9-9-33 (bank) has agreed to execute an ERE, the 0-1 and 1-3 foot depth increments were evaluated for that area. For Parcel I9-9-201 (bank), where the owner did not agree to an ERE, the 0-1 and 0-3 foot depth increments have been evaluated. For RA-3 and RA-4, as discussed in the Revised Conceptual Work Plan, it is anticipated that EREs will be executed for the GE-owned portions of those areas, but not the other portions. In this situation, the evaluations of these areas were conducted for the 0-1, 0-3, and 1-3 foot depth increments.

With the exception of lead, the area-specific COPCs were included in risk calculations to determine whether cancer risks and non-cancer hazards fall within acceptable limits. (In accordance with the SOW, PCBs and dioxins/furans have not been included in this evaluation.) Since EPA has not developed standard toxicity values for lead, that constituent has been evaluated through application of a risk-based concentrations (RBC) derived using an EPA lead model, as discussed in Section 4 below.

3.0 Risk Evaluation Assumptions and Procedures (for All COPCs Except Lead)

With the exception of the Construction Worker scenario (described below), the exposure scenarios that have been evaluated are the same as those used by EPA (1999) in supporting the PCB Performance Standards under the CD, although the depth increments to which they have been applied are slightly different from those under the CD, as discussed above.

The Commercial Groundskeeper scenario, used for the 0-1 and 0-3 foot depth increments at the commercial area, assumes that an adult is exposed to constituents in surficial soils 84 days per year for a period of 25 years. With the exception of chemical-specific absorption criteria, all

exposure assumptions used to evaluate this scenario are the same as those used by EPA (1999). Exposure assumptions used in the evaluation of this scenario are provided in Table 2.

The Utility Worker scenario, used for the 0-6 foot depth increment at the commercial area, assumes that an adult utility worker is in contact with subsurface soils 5 days per year for 25 years. As with the Groundskeeper scenario, all exposure assumptions used in this scenario (except for absorption rates) are the same as the assumptions used by EPA (1999) and are presented in Table 2.

As noted above, at EPA's direction, the 0-15 foot depth increment at the commercial area was evaluated using a Construction Worker scenario. In accordance with EPA's conditional approval letter (EPA, 2008a), the exposure assumptions used in this scenario were the same as those used in GE's *Supplemental Sampling Report/Remedial Action Plan for the Dalton Avenue Site* (GE, 2007). Specifically, this scenario assumes that an adult construction worker is present at a given property five days per week for six months (26 weeks) of the year, for a total exposure frequency of 130 days/year. The assumed exposure duration for such workers is one year (EPA, 2002a). The adult construction worker is assumed to potentially ingest as much as 330 mg/day of soil (EPA, 2002a), and to have a dermal adherence factor of 0.3 mg/cm², as recommended for construction workers in EPA's dermal guidance (EPA, 2004). Because construction is expected to occur only during a six-month period during a single year, the noncarcinogenic averaging time is 182 days, as required by the MDEP (2006) for the Dalton Avenue Site. All other exposure parameters, including the skin surface area, body weight, and the carcinogenic averaging time, are the same as those for the adult workers in the Commercial Groundskeeper and Utility Worker scenarios. All parameters for this scenario are presented in Table 2.

For the recreational areas, the Child Recreational User scenario, used for the 0-1, 0-3, and 1-3 foot depth increments, assumes, for the assessment of carcinogenic risks, that a 1- to 13-year-old child is exposed to constituents in the soil 84 days per year for a period of 12 years. For the assessment of non-cancer hazards, it is assumed that a 1- to 6-year-old child is exposed 84 days per year for a period of six years. Again, all exposure assumptions used in this scenario (except for absorption rates) are the same as those used by EPA (1999). The specific exposure assumptions used for the Child Recreational User scenario are also listed in Table 2.

With respect to absorption factors, EPA's dermal guidance document (EPA, 2004) specifies oral absorption factors less than 100 percent for certain of the constituents evaluated (e.g., 89 percent for the carcinogenic polycyclic aromatic hydrocarbons [PAHs]), and notes that where such factors are greater than 50 percent, the toxicity factors do not need to be modified to represent the absorbed dose. Nevertheless, for purposes of the evaluations at the Silver Lake RAA, ARCADIS has conservatively assumed that the oral absorption of all chemicals evaluated is 100 percent. The dermal absorption factors used were taken from EPA's dermal guidance (EPA, 2004), where available, or otherwise from MDEP values (MDEP, 1994; 1995). The specific absorption factors used in these evaluations are shown in Table 3.

The carcinogenic COPCs have been evaluated for potential carcinogenic risks, while the non-carcinogenic COPCs have been evaluated for potential non-cancer hazards. The toxicity values – i.e., Cancer Slope Factors (CSFs) and/or Reference Doses (RfDs) – used in the evaluations are those set forth on EPA's (2008b) Integrated Risk Information System (IRIS), when available. For the carcinogenic PAHs for which no specific toxicity information is provided, relative potency factors (RPFs) recommended by EPA (1993) have been used to adjust the CSF values for these PAHs based on their assumed potency relative to benzo(a)pyrene.

There were also no RfDs available in IRIS for four of the non-carcinogenic constituents evaluated – benzo(g,h,i)perylene, copper, phenanthrene, and thallium. For benzo(g,h,i)perylene and phenanthrene, the RfD values used by MDEP (1994) to derive its MCP Method 1 soil standards were used. For copper, the value provided in EPA's 1997 *Health Effects Assessment Summary Tables* was used. Finally, for thallium, the value provided in EPA's regional screening tables (www.epa.gov/reg3hwmd/risk/human) was used. The specific toxicity values used in these evaluations are included in Table 3.

Based on these input values, predicted cancer risks and non-cancer hazards have been calculated for the COPCs using standard risk assessment procedures. The results have been compared to the benchmarks set forth in the SOW of an Excess Lifetime Cancer Risk (ELCR) of 1×10^{-5} (after rounding) and a Hazard Index (HI) of 1 for non-cancer effects.

4.0 Evaluation of Lead Exposures and Risks

Lead has been retained as a COPC at two of the areas evaluated – Parcel I9-9-201 (bank) and RA-3. However, EPA has not developed toxicity criteria for lead (EPA, 2008). Consequently, it is not possible to evaluate potential hazards associated with lead exposure in the same way that other COPCs are evaluated. Instead, EPA has established a “safe” fetal or child blood lead level of 10 µg/dL and has developed models to evaluate both adult and childhood exposures to lead, considering fetal or childhood blood levels as the critical endpoint. For lead exposures in children, EPA has developed the Integrated Exposure Uptake Biokinetic Model (IEUBK) (EPA, 2002b). This model is a biokinetic model that allows one to calculate blood levels in children who have been exposed to lead in a variety of media.

Using the IEUBK model, a soil lead concentration was previously back-calculated on GE’s behalf for the Child Recreational User scenario that is protective of 95 percent of 0- to 7-year-old children at a benchmark blood lead concentration of 10 µg/dL. That concentration is 1,313 mg/kg. This soil lead concentration and the underlying calculations were originally presented in GE’s *Conceptual Removal Design/Removal Action Work Plan Addendum for Newell Street Area I* (BBL, 2003), which was submitted to EPA on April 17, 2003 and approved by letter of May 13, 2003. This concentration has been approved by EPA for use as an RBC to evaluate lead exposures in area-specific risk evaluations at numerous Removal Action Areas under the CD.

The RBC of 1,313 mg/kg based on the IEUBK model has been used to evaluate lead exposures at the two averaging areas for which lead was retained as a COPC and to which the Child Recreational User scenario applies – Parcel I9-9-201 (bank) and RA-3. Where the average area-specific lead concentrations at the relevant depth increments do not exceed that RBC, it is concluded that lead exposures will not result in adverse effects.

5.0 Area-Specific Risk Evaluations

Area-specific risk evaluations were conducted for the five averaging areas described above. The risk evaluations associated with portions of Parcels I9-9-21/-22 (non-bank) and I9-9-33 (bank) were based on existing conditions, while the risk evaluations associated with portions of Parcel I9-9-201 (bank), RA-3, and RA-4 were based on post-remediation conditions. The specific COPCs and depth increments evaluated at each parcel/averaging area are described in Table 1, and the risk evaluation results are summarized in the following text. Spreadsheets showing pathway-specific and COPC-specific risk calculations are provided in Attachment A of this Appendix.

5.1 Parcels I9-9-21/-22 (non-bank) – Commercial

An area-specific risk evaluation of non-bank soils at this commercial area has been conducted based on the average existing concentrations of all constituents that were retained for evaluation after screening. The soil depths subject to risk evaluation for this area are the 0-1, 0-3, 1-6 and 0-15 foot depth increments. The COPCs evaluated and their average concentrations in each relevant depth increment are provided in Table 1.

The Commercial Groundskeeper scenario has been used to evaluate risks for the 0-1 foot and 0-3 foot depth increments; the Utility Worker scenario has been used to evaluate risks for the 1-6 foot depth increment; and the Construction Worker scenario has been used to evaluate risks for the 0-15 foot depth increment. The calculated total cancer risks and non-cancer hazards for all COPCs evaluated at Parcels I9-9-21/-22 (non-bank) are as follows.

Scenario	ELCR	HI
Groundskeeper (0-1 foot)	3.7E-06	0.0036
Groundskeeper (0-3 foot)	7.4E-06	0.0042
Utility Worker (1-6 foot)	2.3E-06	0.0011
Construction Worker (0-15 foot)	9.6E-06	0.086

All these estimated risks and hazards are below the SOW benchmarks. Lead is not a COPC for this area and thus has not been evaluated.

5.2 Parcel I9-9-33 (bank) – Recreational

The bank portion of Parcel I9-9-33 has been evaluated as a recreational area. An area-specific risk evaluation of bank soils has been performed for this area based on the average existing concentrations of all constituents that were retained for evaluation after screening. The depth increments subject to risk evaluation for this area are the 0-1 foot and 1-3 foot depth increments. The COPCs evaluated and their average concentrations in each relevant depth increment are provided in Table 1.

As discussed above, the Child Recreational User scenario has been used to evaluate risks for both depth increments at this area. The calculated total cancer risks and non-cancer hazards for all COPCs evaluated at Parcel I9-9-33 (bank) are as follows.

Scenario	ELCR	HI
Child Recreational User (0-1 foot)	1.9E-06	0.12

Child Recreational User (1-3 foot)

2.3E-06

0.17

Estimated risks and hazards for all three depth increments are below the SOW benchmarks of an ELCR of 1×10^{-5} and a non-cancer HI of 1. Lead is not a COPC for this area and thus has not been evaluated.

5.3 Parcel I9-9-201 (bank) – Recreational

The bank portion of Parcel I9-9-201 has been evaluated as a recreational area. An area-specific risk evaluation of bank soils has been performed for this area based on the average post-remediation concentrations of all constituents that were retained for evaluation after screening. The depth increments subject to risk evaluation for this area are the 0-1 and 0-3 foot depth increments. The COPCs evaluated and their average concentrations in each relevant depth increment are provided in Table 1.

The Child Recreational User scenario has been used to evaluate risks for both depth increments at this area. The calculated total cancer risks and non-cancer hazards for all COPCs evaluated at Parcel I9-9-201 (bank) are as follows.

<u>Scenario</u>	<u>ELCR</u>	<u>HI</u>
Child Recreational User (0-1 foot)	6.7E-06	0.064
Child Recreational User (0-3 foot)	5.4E-06	0.050

Estimated risks and hazards for both depth increments are below the SOW benchmarks of an ELCR of 1×10^{-5} and a non-cancer HI of 1.

The average post-remediation lead concentrations in the 0-1 foot and 0-3 foot depth increments are 321 mg/kg and 228 mg/kg, respectively. These concentrations are well below the calculated RBC of 1,313 mg/kg for lead in soil in recreational areas and thus below the benchmark level of concern.

5.4 Recreational Area RA-3 – Recreational

RA-3 is considered a recreational area. An area-specific risk evaluation has been performed for this area based on the average post-remediation concentrations of all constituents that were retained for the risk evaluation. The depth increments subject to risk evaluation for this area are the 0-1 foot, 0-3 foot, and 1-3 foot depth increments. The COPCs evaluated and their average concentrations in each relevant depth increment are provided in Table 1.

The Child Recreational User scenario has been used to evaluate risks for all three depth increments at this area. The calculated total cancer risks and non-cancer hazards for all COPCs evaluated at RA-3 are as follows.

Scenario	ELCR	HI
Child Recreational User (0-1 foot)	1.1E-05	0.14
Child Recreational User (0-3 foot)	1.1E-05	0.11
Child Recreational User (1-3 foot)	1.1E-05	0.080

The estimated non-cancer hazards for all three depth increments do not exceed the SOW non-cancer benchmark of a HI of 1. The estimated cancer risks for all three depth increments slightly exceed the cancer risk benchmark when presented with two significant figures (as above). However, when rounded to one significant figure, which is provided for in the SOW and is appropriate given that at least one factor in each exposure calculation is limited to a single significant figure, these estimated cancer risks do not exceed the SOW risk benchmark of 1×10^{-5} .

The average post-remediation lead concentrations in the 0-1, 0-3, and 1-3 foot increments are 209 mg/kg, 279 mg/kg, and 336 mg/kg, respectively. These concentrations are well below the calculated RBC of 1,313 mg/kg for lead in soil in recreational areas and below the benchmark level of concern.

5.5 Recreational Area RA-4 – Recreational

RA-4 is considered a recreational area. An area-specific risk evaluation has been performed for this area based on the average post-remediation concentrations of all constituents that were retained for evaluation after screening. The depth increments subject to risk evaluation for this area are the 0-1 foot, 0-3 foot, and 1-3 foot depth increments. The COPCs evaluated and their average concentrations in each relevant depth increment are provided in Table 1.

The Child Recreational User scenario has been used to evaluate risks for all three depth increments at this area. The calculated total cancer risks and non-cancer hazards for all COPCs evaluated at RA-4 are as follows.

Scenario	ELCR	HI
Child Recreational User (0-1 foot)	1.3E-05	0.086
Child Recreational User (0-3 foot)	1.1E-05	0.097
Child Recreational User (1-3 foot)	7.1E-06	0.11

The estimated cancer risk for the 1-3 foot depth increment and the estimated non-cancer hazards for the all three depth increments are below the SOW benchmarks of 1×10^{-5} for cancer risk and a HI of 1 for non-cancer hazards. The estimated cancer risks for the 0-1 foot and 0-3 foot depth increments slightly exceed the cancer risk benchmark when presented with two significant figures (as above). However, when rounded to one significant figure, which is provided for in the SOW and is appropriate given that at least one factor in each exposure calculation is limited to a single significant figure, these estimated cancer risks do not exceed the SOW risk benchmark of 1×10^{-5} .

Lead is not a COPC for this area and thus has not been evaluated.

6.0 Summary of Area-Specific Risk Evaluation Results

The predicted cancer risks and non-cancer hazards for the non-PCB COPCs at each averaging area evaluated are summarized in Tables 4 and 5, respectively. These tables show the cancer risk and non-cancer hazard results for each exposure pathway and depth increment evaluated at these areas. Backup COPC-specific calculations are provided in Attachment A. As shown in Table 4, total estimated cancer risks (after rounding to one significant figure) do not exceed the identified cancer risk benchmark of 1×10^{-5} for any depth increment at any of the areas evaluated. As shown in Table 5, non-cancer hazards do not exceed the target Hazard Index of 1 in any depth increment at any of the areas. Finally, as discussed above, none of the average lead concentrations at the areas where lead was retained exceeds the applicable RBC. For these reasons, it can be concluded that, following the soil remediation proposed by GE, the soil concentrations for all such COPCs at these areas would not present a risk of harm under the exposure scenarios evaluated.

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Table 1. Summary of Parcel-Specific Exposure Point Concentrations for Each Depth Increment (mg/kg)

	19-9-21/19-9-22				19-9-33		19-9-201	
	0-1 foot	0-3 foot	1-6 foot	0-15 foot	0-1 foot	1-3 foot	0-1 foot	0-3 foot
Acetophenone	-	-	-	-	-	-	-	-
Arsenic	5.53	6.30	7.21	6.59	4.40	4.73	10.6	8.23
Benzo(a)anthracene	1.4	6.8	7.9	20	-	-	1.2	1.0
Benzo(a)pyrene	1.5	5.4	6.1	15	0.25	0.37	1.0	0.83
Benzo(b)fluoranthene	1.4	3.7	3.9	13	-	-	0.81	0.67
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	1.4	4.2	4.5	13	-	-	0.94	0.76
Chrysene	-	-	-	-	-	-	-	-
Copper	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	1.9	1.7	1.0	2.7	-	-	0.25	0.23
Indeno(1,2,3-cd)pyrene	1.9	2.7	2.4	5.9	-	-	0.59	0.47
Lead	-	-	-	-	-	-	321	228
Mercury	-	-	-	-	18.2	25.0	-	-
Naphthalane	-	-	-	-	-	-	-	-
Phenanthrene	1.4	14	17	47	-	-	1.53	1.3
1,2,3-Trichloropropane	0.0029	0.0029	0.0029	0.016	-	-	-	-
Sulfide	-	-	-	-	85.1	247	-	-
Thallium	-	-	-	-	-	-	-	-

Table 1. Summary of Parcel-Specific Exposure Point Concentrations for Each Depth Increment (mg/kg)

	RA-3			RA-4		
	0-1 foot	0-3 foot	1-3 foot	0-1 foot	0-3 foot	1-3 foot
Acetophenone	0.3	0.27	0.21	-	-	-
Arsenic	8.80	10.4	9.89	6.74	8.09	9.67
Benzo(a)anthracene	2.6	3.1	4	2.7	2.0	1.1
Benzo(a)pyrene	2.4	2.03	1.7	3.0	2.2	1.1
Benzo(b)fluoranthene	3.1	3.5	4	3.2	2.3	1.2
Benzo(g,h,i)perylene	1.9	2.0	2.2	-	-	-
Benzo(k)fluoranthene	1.1	1.3	1.5	1.4	1.0	0.5
Chrysene	3.0	3.3	4	-	-	-
Copper	731	406	135	-	-	-
Dibenzo(a,h)anthracene	0.6	0.52	0.5	1.0	0.71	0.4
Indeno(1,2,3-cd)pyrene	1.7	1.9	2.1	2.2	1.6	0.8
Lead	209	279	336	-	-	-
Mercury	-	-	-	-	-	-
Naphthalane	0.4	0.51	0.6	-	-	-
Phenanthrene	3	3.8	5	-	-	-
1,2,3-Trichloropropane	-	-	-	-	-	-
Sulfide	287	303	264	314	166.20	18.2
Thallium	-	-	-	1.61	1.82	2.08

Table 2. Summary of Exposure Parameters for the Groundskeeper, Utility Worker, Construction Worker and Child Recreational User Scenarios

Parameter	Values					Basis
	Groundskeeper	Utility Worker	Construction Worker	Child Recreational User		
				1-6 years	7-13 years ^a	
Soil Ingestion Rate	50 mg/day	137 mg/day	330 mg/day	200 mg/day	100 mg/day	EPA, 1999; 2002a ^d
Fraction from the Site^b	1	1	1	0.5	0.5	EPA, 1999
Dermal Adherence Factor	0.1 mg/cm ²	0.8 mg/cm ²	0.3 mg/cm ²			EPA, 1999; 2004 ^d
May through September	-	-	-	0.24 mg/cm ²	0.26 mg/cm ²	EPA, 1999
October and November	-	-	-	0.23 mg/cm ²	0.26 mg/cm ²	EPA, 1999
Seasonal Time-weighted Ave. ^c	-	-	-	0.237 mg/cm ²	0.26 mg/cm ²	Calculated
Skin Surface Area Exposed	3300 cm ²	3300 cm ²	3300 cm ²	-	-	EPA, 1999
May through September	-	-	-	2900 cm ²	4276 cm ²	EPA, 1999
October and November	-	-	-	1340 cm ²	1733 cm ²	EPA, 1999
Seasonal Time-weighted Ave. ^c	-	-	-	2454 cm ²	3549 cm ²	Calculated
Exposure Frequency	84 days/year	5 days/year	130 days/year	84 days/year	84 days/year	EPA, 1999; Professional judgment ^d
Exposure Duration	25 years	25 years	1 years	6 years	6 years	EPA, 1999; 2002a ^d
Body Weight	70 kg	70 kg	70 kg	15 kg	36.8 kg	EPA, 1999
Carcinogenic Averaging Time	25,550 days	25,550 days	25,550 days	25,550 days	25,550 days	EPA, 1999
Non-Carcinogenic Averaging Time	9125 days	9125 days	182 days	2190 days	-	EPA, 1999; MDEP, 2006 ^d

^aOnly used for the evaluation of carcinogenic risks. The noncancer hazards are evaluated for the 1 to 6 year age group only.

^bFraction from site only used for the soil ingestion pathway.

^cSeasonal time-weighted average calculated using the following method: ((May-September*5)+(October-November*2))/7

^dThese references apply only to the construction worker scenario. Exposure frequency assumes 5 days of exposure per work week over a six-month period (182 days).

Table 3. Summary of Chemical-Specific Absorption Factors and Toxicity Values

Constituent	Oral Absorption Factor ¹	Relative Dermal Absorption Factor ²	Cancer Slope Factor (mg/kg-day) ⁻¹	Reference Dose (mg/kg-day)
Acetophenone	1	0.1	-	0.1 ³
Arsenic	1	0.03	1.5 ³	0.0003 ³
Benzo(a)anthracene	1	0.13	0.73 ⁵	-
Benzo(a)pyrene	1	0.13	7.3 ³	-
Benzo(b)fluoranthene	1	0.13	0.73 ⁵	-
Benzo(g,h,i)perylene	1	0.13	-	0.04 ⁴
Benzo(k)fluoranthene	1	0.13	0.073 ⁵	-
Chrysene	1	0.13	0.0073 ⁵	-
Copper	1	0.03	-	0.04 ⁶
Dibenzo(a,h)anthracene	1	0.13	7.3 ⁵	-
Indeno(1,2,3-cd)pyrene	1	0.13	0.73 ⁵	-
Lead	1	NA	NA	NA
Mercury	1	0.006 ⁴	-	0.0003 ³
Naphthalene	1	0.13	-	0.02 ³
Phenanthrene	1	0.13	-	0.04 ⁴
Sulfide ⁷	1	0.1	-	0.1 ³
Thallium	1	0.03 ⁸	-	0.000065 ⁹
1,2,3-Trichloropropane	1	0	7 ³	0.006 ³

Notes:

1. Conservative default
2. EPA (2004) Dermal Guidance Document, except where otherwise noted
3. IRIS (EPA, 2008)
4. MDEP (1994)
5. Derived through application of Relative Potency Factors (EPA, 1993) to the CSF for benzo(a)pyrene
6. EPA (1997)
7. Evaluated using carbon disulfide as surrogate compound
8. MDEP (1995) default value for metals
9. Value provided in EPA Screening tables http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table

Table 4. Summary of Potential Cancer Risks Associated with Soils Adjacent to Silver Lake

Area Number	Exposure Pathway	Cancer Risk				
		0- to 1-foot	0- to 3-foot	1- to 6-foot	1- to 3-foot	0- to 15-foot
I9-9-21/I9-9-22 Commercial	Soil Ingestion	2.2E-06	4.2E-06	7.0E-07	NR	4.0E-06
	Dermal Exposure	1.5E-06	3.2E-06	1.6E-06	NR	5.5E-06
	Total	3.7E-06	7.4E-06	2.3E-06	NR	9.6E-06
I9-9-33 Recreational	Soil Ingestion	1.3E-06	NR	NR	1.6E-06	NR
	Dermal Exposure	5.5E-07	NR	NR	7.1E-07	NR
	Total	1.9E-06	NR	NR	2.3E-06	NR
I9-9-201 Recreational	Soil Ingestion	4.3E-06	3.4E-06	NR	NR	NR
	Dermal Exposure	2.4E-06	2.0E-06	NR	NR	NR
	Total	6.7E-06	5.4E-06	NR	NR	NR
RA-3 Recreational	Soil Ingestion	6.4E-06	6.4E-06	NR	6.1E-06	NR
	Dermal Exposure	5.0E-06	4.7E-06	NR	4.4E-06	NR
	Total	1.1E-05	1.1E-05	NR	1.1E-05	NR
RA-4 Recreational	Soil Ingestion	7.1E-06	6.0E-06	NR	4.4E-06	NR
	Dermal Exposure	6.1E-06	4.7E-06	NR	2.7E-06	NR
	Total	1.3E-05	1.1E-05	NR	7.1E-06	NR

NR = Not relevant for this property

Table 5. Summary of Potential Hazard Indices Associated with Soils Adjacent to Silver Lake

Area Number	Exposure Pathway	Hazard Index				
		0- to 1-foot	0- to 3-foot	1- to 6-foot	1- to 3-foot	0- to 15-foot
I9-9-21/I9-9-22 Commercial	Soil Ingestion	0.0030	0.0035	0.00066	NR	0.078
	Dermal Exposure	0.00060	0.00073	0.00040	NR	0.0082
	Total	0.0036	0.0042	0.0011	NR	0.086
I9-9-33 Recreational	Soil Ingestion	0.12	NR	NR	0.16	NR
	Dermal Exposure	0.0074	NR	NR	0.0093	NR
	Total	0.12	NR	NR	0.17	NR
I9-9-201 Recreational	Soil Ingestion	0.054	0.042	NR	NR	NR
	Dermal Exposure	0.0095	0.0074	NR	NR	NR
	Total	0.064	0.050	NR	NR	NR
RA-3 Recreational	Soil Ingestion	0.080	0.075	NR	0.061	NR
	Dermal Exposure	0.062	0.040	NR	0.020	NR
	Total	0.14	0.11	NR	0.080	NR
RA-4 Recreational	Soil Ingestion	0.077	0.087	NR	0.099	NR
	Dermal Exposure	0.0090	0.010	NR	0.012	NR
	Total	0.086	0.097	NR	0.11	NR

NR = Not relevant for this property

Attachment A

Risk Calculations for Non-PCB Constituents in Soils at Certain Areas Adjacent to Silver Lake

Table A1a - Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 1-Foot Non-Bank Soil in Parcels I9-9-21/I9-9-22

Pathway: Incidental Soil Ingestion

Receptor: Groundskeeper

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	5.53	50	1.0	84	25	1E-06	70	25,550	3.2E-07	1.5	4.9E-07
Benzo(a)anthracene	1.4	50	1.0	84	25	1E-06	70	25,550	8.2E-08	0.73	6.0E-08
Benzo(a)pyrene	1.5	50	1.0	84	25	1E-06	70	25,550	8.8E-08	7.3	6.4E-07
Benzo(b)fluoranthene	1.4	50	1.0	84	25	1E-06	70	25,550	8.2E-08	0.73	6.0E-08
Benzo(k)fluoranthene	1.4	50	1.0	84	25	1E-06	70	25,550	8.2E-08	0.073	6.0E-09
Dibenzo(a,h)anthracene	1.9	50	1.0	84	25	1E-06	70	25,550	1.1E-07	7.3	8.1E-07
Indeno(1,2,3-cd)pyrene	1.9	50	1.0	84	25	1E-06	70	25,550	1.1E-07	0.73	8.1E-08
1,2,3-Trichloropropane	0.0029	50	1.0	84	25	1E-06	70	25,550	1.7E-10	7	1.2E-09
										Total	2.2E-06

NONCARCINOGENIC

HQ = CDI/RfD

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	5.53	50	1.0	84	25	1E-06	70	9,125	9.1E-07	0.0003	3.0E-03
Phenanthrene	1.4	50	1.0	84	25	1E-06	70	9,125	2.3E-07	0.04	5.8E-06
1,2,3-Trichloropropane	0.0029	50	1.0	84	25	1E-06	70	9,125	4.8E-10	0.006	7.9E-08
										Total	3.0E-03

Table A1b - Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 1-Foot Non-Bank Soil in Parcels I9-9-21/I9-9-22

Pathway: Dermal Contact

Receptor: Groundskeeper

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	5.53	0.1	3,300	0.03	84	25	1E-06	70	25,550	6.4E-08	1.5	9.6E-08
Benzo(a)anthracene	1.4	0.1	3,300	0.13	84	25	1E-06	70	25,550	7.1E-08	0.73	5.1E-08
Benzo(a)pyrene	1.5	0.1	3,300	0.13	84	25	1E-06	70	25,550	7.6E-08	7.3	5.5E-07
Benzo(b)fluoranthene	1.4	0.1	3,300	0.13	84	25	1E-06	70	25,550	7.1E-08	0.73	5.1E-08
Benzo(k)fluoranthene	1.4	0.1	3,300	0.13	84	25	1E-06	70	25,550	7.1E-08	0.073	5.1E-09
Dibenzo(a,h)anthracene	1.9	0.1	3,300	0.13	84	25	1E-06	70	25,550	9.6E-08	7.3	7.0E-07
Indeno(1,2,3-cd)pyrene	1.9	0.1	3,300	0.13	84	25	1E-06	70	25,550	9.6E-08	0.73	7.0E-08
1,2,3-Trichloropropane	0.0029	0.1	3,300	0	84	25	1E-06	70	25,550	0.0E+00	7	0.0E+00
Total											1.5E-06	

NONCARCINOGENIC

HQ = CDI/RfD

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	5.53	0.1	3,300	0.03	84	25	1E-06	70	9,125	1.8E-07	0.0003	6.0E-04
Phenanthrene	1.4	0.1	3,300	0.13	84	25	1E-06	70	9,125	2.0E-07	0.04	4.9E-06
1,2,3-Trichloropropane	0.0029	0.1	3,300	0	84	25	1E-06	70	9,125	0.0E+00	0.006	0.0E+00
Total											6.0E-04	

Total Carcinogenic Risk			
	Ingestion	Dermal	Total
Arsenic	4.9E-07	9.6E-08	5.8E-07
Benzo(a)anthracene	6.0E-08	5.1E-08	1.1E-07
Benzo(a)pyrene	6.4E-07	5.5E-07	1.2E-06
Benzo(b)fluoranthene	6.0E-08	5.1E-08	1.1E-07
Benzo(k)fluoranthene	6.0E-09	5.1E-09	1.1E-08
Dibenzo(a,h)anthracene	8.1E-07	7.0E-07	1.5E-06
Indeno(1,2,3-cd)pyrene	8.1E-08	7.0E-08	1.5E-07
1,2,3-Trichloropropane	1.2E-09	0.0E+00	1.2E-09
Total	2.2E-06	1.5E-06	3.7E-06
Total Noncarcinogenic Hazard			
	Ingestion	Dermal	Total
Arsenic	3.0E-03	6.0E-04	3.6E-03
Phenanthrene	5.8E-06	4.9E-06	1.1E-05
1,2,3-Trichloropropane	7.9E-08	0.0E+00	7.9E-08
Total	0.0030	0.00060	0.0036

Table A2a - Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 1-Foot Non-Bank Soil in Parcels I9-9-21/I9-9-22

Pathway: Incidental Soil Ingestion

Receptor: Groundskeeper

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	6.3	50	1.0	84	25	1E-06	70	25,550	3.7E-07	1.5	5.5E-07
Benzo(a)anthracene	6.8	50	1.0	84	25	1E-06	70	25,550	4.0E-07	0.73	2.9E-07
Benzo(a)pyrene	5.4	50	1.0	84	25	1E-06	70	25,550	3.2E-07	7.3	2.3E-06
Benzo(b)fluoranthene	3.7	50	1.0	84	25	1E-06	70	25,550	2.2E-07	0.73	1.6E-07
Benzo(k)fluoranthene	4.2	50	1.0	84	25	1E-06	70	25,550	2.5E-07	0.073	1.8E-08
Dibenzo(a,h)anthracene	1.7	50	1.0	84	25	1E-06	70	25,550	1.0E-07	7.3	7.3E-07
Indeno(1,2,3-cd)pyrene	2.7	50	1.0	84	25	1E-06	70	25,550	1.6E-07	0.73	1.2E-07
1,2,3-Trichloropropane	0.0029	50	1.0	84	25	1E-06	70	25,550	1.7E-10	7	1.2E-09
										Total	4.2E-06

NONCARCINOGENIC

HQ = CDI/RfD

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	6.3	50	1.0	84	25	1E-06	70	9,125	1.0E-06	0.0003	3.5E-03
Phenanthrene	14	50	1.0	84	25	1E-06	70	9,125	2.3E-06	0.04	5.8E-05
1,2,3-Trichloropropane	0.0029	50	1.0	84	25	1E-06	70	9,125	4.8E-10	0.006	7.9E-08
										Total	3.5E-03

Table A2b - Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 3-Foot Non-Bank Soil in Parcels I9-9-21/I9-9-22

Pathway: Dermal Contact

Receptor: Groundskeeper

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	6.3	0.1	3,300	0.03	84	25	1E-06	70	25,550	7.3E-08	1.5	1.1E-07
Benzo(a)anthracene	6.8	0.1	3,300	0.13	84	25	1E-06	70	25,550	3.4E-07	0.73	2.5E-07
Benzo(a)pyrene	5.4	0.1	3,300	0.13	84	25	1E-06	70	25,550	2.7E-07	7.3	2.0E-06
Benzo(b)fluoranthene	3.7	0.1	3,300	0.13	84	25	1E-06	70	25,550	1.9E-07	0.73	1.4E-07
Benzo(k)fluoranthene	4.2	0.1	3,300	0.13	84	25	1E-06	70	25,550	2.1E-07	0.073	1.5E-08
Dibenzo(a,h)anthracene	1.7	0.1	3,300	0.13	84	25	1E-06	70	25,550	8.6E-08	7.3	6.3E-07
Indeno(1,2,3-cd)pyrene	2.7	0.1	3,300	0.13	84	25	1E-06	70	25,550	1.4E-07	0.73	9.9E-08
1,2,3-Trichloropropane	0.0029	0.1	3,300	0	84	25	1E-06	70	25,550	0.0E+00	7	0.0E+00
											Total	3.2E-06

NONCARCINOGENIC

HQ = CDI/RfD

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	6.3	0.1	3,300	0.03	84	25	1E-06	70	9,125	2.1E-07	0.0003	6.8E-04
Phenanthrene	14	0.1	3,300	0.13	84	25	1E-06	70	9,125	2.0E-06	0.04	4.9E-05
1,2,3-Trichloropropane	0.0029	0.1	3,300	0	84	25	1E-06	70	9,125	0.0E+00	0.006	0.0E+00
											Total	7.3E-04

Total Carcinogenic Risk		Ingestion	Dermal	Total
Arsenic		5.5E-07	1.1E-07	6.6E-07
Benzo(a)anthracene		2.9E-07	2.5E-07	5.4E-07
Benzo(a)pyrene		2.3E-06	2.0E-06	4.3E-06
Benzo(b)fluoranthene		1.6E-07	1.4E-07	2.9E-07
Benzo(k)fluoranthene		1.8E-08	1.5E-08	3.3E-08
Dibenzo(a,h)anthracene		7.3E-07	6.3E-07	1.4E-06
Indeno(1,2,3-cd)pyrene		1.2E-07	9.9E-08	2.1E-07
1,2,3-Trichloropropane		1.2E-09	0.0E+00	1.2E-09
	Total	4.2E-06	3.2E-06	7.4E-06
Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
Arsenic		3.5E-03	6.8E-04	4.1E-03
Phenanthrene		5.8E-05	4.9E-05	1.1E-04
1,2,3-Trichloropropane		7.9E-08	0.0E+00	7.9E-08
	Total	0.0035	0.00073	0.0042

Table A3a - Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 1-Foot Non-Bank Soil in Parcels I9-9-21/I9-9-22

Pathway: Incidental Soil Ingestion

Receptor: Utility Worker

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	7.21	137	1.0	5	25	1E-06	70	25,550	6.9E-08	1.5	1.0E-07
Benzo(a)anthracene	7.9	137	1.0	5	25	1E-06	70	25,550	7.6E-08	0.73	5.5E-08
Benzo(a)pyrene	6.1	137	1.0	5	25	1E-06	70	25,550	5.8E-08	7.3	4.3E-07
Benzo(b)fluoranthene	3.9	137	1.0	5	25	1E-06	70	25,550	3.7E-08	0.73	2.7E-08
Benzo(k)fluoranthene	4.5	137	1.0	5	25	1E-06	70	25,550	4.3E-08	0.073	3.1E-09
Dibenzo(a,h)anthracene	1.0	137	1.0	5	25	1E-06	70	25,550	9.6E-09	7.3	7.0E-08
Indeno(1,2,3-cd)pyrene	2.4	137	1.0	5	25	1E-06	70	25,550	2.3E-08	0.73	1.7E-08
1,2,3-Trichloropropane	0.0029	137	1.0	5	25	1E-06	70	25,550	2.8E-11	7	1.9E-10
										Total	7.0E-07

NONCARCINOGENIC

HQ = CDI/RfD

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	7.21	137	1.0	5	25	1E-06	70	9,125	1.9E-07	0.0003	6.4E-04
Phenanthrene	17	137	1.0	5	25	1E-06	70	9,125	4.6E-07	0.04	1.1E-05
1,2,3-Trichloropropane	0.0029	137	1.0	5	25	1E-06	70	9,125	7.8E-11	0.006	1.3E-08
										Total	6.6E-04

Table A3b - Cancer and Non-Cancer Risks from Dermal Exposure to 1- to 6-Foot Non-Bank Soil in Parcels I9-9-21/I9-9-22

Pathway: Dermal Contact

Receptor: Utility Worker

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	7.21	0.8	3,300	0.03	5	25	1E-06	70	25,550	4.0E-08	1.5	6.0E-08
Benzo(a)anthracene	7.9	0.8	3,300	0.13	5	25	1E-06	70	25,550	1.9E-07	0.73	1.4E-07
Benzo(a)pyrene	6.1	0.8	3,300	0.13	5	25	1E-06	70	25,550	1.5E-07	7.3	1.1E-06
Benzo(b)fluoranthene	3.9	0.8	3,300	0.13	5	25	1E-06	70	25,550	9.4E-08	0.73	6.8E-08
Benzo(k)fluoranthene	4.5	0.8	3,300	0.13	5	25	1E-06	70	25,550	1.1E-07	0.073	7.9E-09
Dibenzo(a,h)anthracene	1.0	0.8	3,300	0.13	5	25	1E-06	70	25,550	2.4E-08	7.3	1.8E-07
Indeno(1,2,3-cd)pyrene	2.4	0.8	3,300	0.13	5	25	1E-06	70	25,550	5.8E-08	0.73	4.2E-08
1,2,3-Trichloropropane	0.0029	0.8	3,300	0	5	25	1E-06	70	25,550	0.0E+00	7	0.0E+00
											Total	1.6E-06

NONCARCINOGENIC

HQ = CDI/RfD

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	7.21	0.8	3,300	0.03	5	25	1E-06	70	9,125	1.1E-07	0.0003	3.7E-04
Phenanthrene	17	0.8	3,300	0.13	5	25	1E-06	70	9,125	1.1E-06	0.04	2.9E-05
1,2,3-Trichloropropane	0.0029	0.8	3,300	0	5	25	1E-06	70	9,125	0.0E+00	0.006	0.0E+00
											Total	4.0E-04

Total Carcinogenic Risk			
	Ingestion	Dermal	Total
Arsenic	1.0E-07	6.0E-08	1.6E-07
Benzo(a)anthracene	5.5E-08	1.4E-07	1.9E-07
Benzo(a)pyrene	4.3E-07	1.1E-06	1.5E-06
Benzo(b)fluoranthene	2.7E-08	6.8E-08	9.6E-08
Benzo(k)fluoranthene	3.1E-09	7.9E-09	1.1E-08
Dibenzo(a,h)anthracene	7.0E-08	1.8E-07	2.5E-07
Indeno(1,2,3-cd)pyrene	1.7E-08	4.2E-08	5.9E-08
1,2,3-Trichloropropane	1.9E-10	0.0E+00	1.9E-10
Total	7.0E-07	1.6E-06	2.3E-06
Total Noncarcinogenic Hazard			
	Ingestion	Dermal	Total
Arsenic	6.4E-04	3.7E-04	1.0E-03
Phenanthrene	1.1E-05	2.9E-05	4.0E-05
1,2,3-Trichloropropane	1.3E-08	0.0E+00	1.3E-08
Total	0.00066	0.00040	0.0011

Table A4a - Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 1-Foot Non-Bank Soil in Parcels I9-9-21/I9-9-22

Pathway: Incidental Soil Ingestion

Receptor: Construction Worker

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	6.59	330	1.0	130	1	1E-06	70	25,550	1.6E-07	1.5	2.4E-07
Benzo(a)anthracene	20	330	1.0	130	1	1E-06	70	25,550	4.8E-07	0.73	3.5E-07
Benzo(a)pyrene	15	330	1.0	130	1	1E-06	70	25,550	3.6E-07	7.3	2.6E-06
Benzo(b)fluoranthene	13	330	1.0	130	1	1E-06	70	25,550	3.1E-07	0.73	2.3E-07
Benzo(k)fluoranthene	13	330	1.0	130	1	1E-06	70	25,550	3.1E-07	0.073	2.3E-08
Dibenzo(a,h)anthracene	2.7	330	1.0	130	1	1E-06	70	25,550	6.5E-08	7.3	4.7E-07
Indeno(1,2,3-cd)pyrene	5.9	330	1.0	130	1	1E-06	70	25,550	1.4E-07	0.73	1.0E-07
1,2,3-Trichloropropane	0.016	330	1.0	130	1	1E-06	70	25,550	3.8E-10	7	2.7E-09
										Total	4.0E-06

NONCARCINOGENIC

HQ = CDI/RfD

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	6.59	330	1.0	130	1	1E-06	70	182	2.2E-05	0.0003	7.4E-02
Phenanthrene	47	330	1.0	130	1	1E-06	70	182	1.6E-04	0.04	4.0E-03
1,2,3-Trichloropropane	0.016	330	1.0	130	1	1E-06	70	182	5.4E-08	0.006	9.0E-06
										Total	7.8E-02

Table A4b - Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 15-Foot Non-Bank Soil in Parcels I9-9-21/I9-9-22

Pathway: Dermal Contact

Receptor: Construction Worker

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	6.59	0.3	3,300	0.03	130	1	1E-06	70	25,550	1.4E-08	1.5	2.1E-08
Benzo(a)anthracene	20	0.3	3,300	0.13	130	1	1E-06	70	25,550	1.9E-07	0.73	1.4E-07
Benzo(a)pyrene	15	0.3	3,300	0.13	130	1	1E-06	70	25,550	1.4E-07	7.3	1.0E-06
Benzo(b)fluoranthene	13	0.3	3,300	0.13	130	1	1E-06	70	25,550	1.2E-07	0.73	8.9E-08
Benzo(k)fluoranthene	13	0.3	3,300	0.13	130	1	1E-06	70	25,550	1.2E-07	0.073	8.9E-09
Dibenzo(a,h)anthracene	2.7	0.3	3,300	0.13	130	1	1E-06	70	25,550	2.5E-08	7.3	1.8E-07
Indeno(1,2,3-cd)pyrene	5.9	0.3	3,300	0.13	130	1	1E-06	70	25,550	5.5E-08	0.73	4.0E-08
1,2,3-Trichloropropane	0.016	0.3	3,300	0	130	1	1E-06	70	25,550	0.0E+00	7	0.0E+00
											Total	1.5E-06

NONCARCINOGENIC

HQ = CDI/RfD

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	6.59	0.3	3,300	0.03	130	1	1E-06	70	182	2.0E-06	0.0003	6.7E-03
Phenanthrene	47	0.3	3,300	0.13	130	1	1E-06	70	182	6.2E-05	0.04	1.5E-03
1,2,3-Trichloropropane	0.016	0.3	3,300	0	130	1	1E-06	70	182	0.0E+00	0.006	0.0E+00
											Total	8.2E-03

Total Carcinogenic Risk			
	Ingestion	Dermal	Total
Arsenic	2.4E-07	2.1E-08	2.6E-07
Benzo(a)anthracene	3.5E-07	1.4E-07	4.9E-07
Benzo(a)pyrene	2.6E-06	1.0E-06	3.7E-06
Benzo(b)fluoranthene	2.3E-07	8.9E-08	3.2E-07
Benzo(k)fluoranthene	2.3E-08	8.9E-09	3.2E-08
Dibenzo(a,h)anthracene	4.7E-07	1.8E-07	6.6E-07
Indeno(1,2,3-cd)pyrene	1.0E-07	4.0E-08	1.4E-07
1,2,3-Trichloropropane	2.7E-09	0.0E+00	2.7E-09
Total	4.0E-06	1.5E-06	5.5E-06
Total Noncarcinogenic Hazard			
	Ingestion	Dermal	Total
Arsenic	7.4E-02	6.7E-03	8.1E-02
Phenanthrene	4.0E-03	1.5E-03	5.5E-03
1,2,3-Trichloropropane	9.0E-06	0.0E+00	9.0E-06
Total	0.078	0.0082	0.086

Table A5a - Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 1-Foot Bank Soil in I9-9-33

Pathway: Incidental Soil Ingestior

Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	4.40	200	1.0	0.5	84	6	1E-06	15	25,550	5.8E-07	1.5	8.7E-07
Benzo(a)pyrene	0.25	200	1.0	0.5	84	6	1E-06	15	25,550	3.3E-08	7.3	2.4E-07
											Total	1.1E-06

NONCARCINOGENIC

HQ = CDI/RfD

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.40	200	1.0	84	6	1E-06	15	2,190	6.8E-06	0.0003	2.3E-02
Mercury	18.2	200	1.0	84	6	1E-06	15	2,190	2.8E-05	0.0003	9.3E-02
Sulfide	85.1	200	1.0	84	6	1E-06	15	2,190	1.3E-04	0.1	1.3E-03
Notes										Total	1.2E-01

Sulfide evaluated as carbon disulfide

Table A5b - Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 1-Foot Bank Soil in Parcel I9-9-33

Pathway: Dermal Contact

Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	4.40	0.237	2,454	0.03	84	6	1E-06	15	25,550	1.0E-07	1.5	1.5E-07
Benzo(a)pyrene	0.25	0.237	2,454	0.13	84	6	1E-06	15	25,550	2.5E-08	7.3	1.8E-07
											Total	3.3E-07

NONCARCINOGENIC

HQ = CDI/RfD

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.40	0.237	2,454	0.03	84	6	1E-06	15	2,190	1.2E-06	0.0003	3.9E-03
Mercury	18.2	0.237	2,454	0.006	84	6	1E-06	15	2,190	9.7E-07	0.0003	3.2E-03
Sulfide	85.1	0.237	2,454	0.03	84	6	1E-06	15	2,190	2.3E-05	0.1	2.3E-04
Notes											Total	7.4E-03

Sulfide evaluated as carbon disulfide

Table A5c - Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 1-Foot Bank Soil in Parcel I9-9-33

Pathway: Incidental Soil Ingestion

Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	4.40	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.2E-07	1.5	1.8E-07
Benzo(a)pyrene	0.25	100	1.0	0.5	84	6	1E-06	36.8	25,550	6.7E-09	7.3	4.9E-08
											Total	2.3E-07

Table A5d - Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 1-Foot Bank Soil in Parcel I9-9-33

Pathway: Dermal Contact

Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	4.40	0.26	3,549	0.03	84	6	1E-06	36.8	25,550	6.5E-08	1.5	9.8E-08
Benzo(a)pyrene	0.25	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.6E-08	7.3	1.2E-07
											Total	2.2E-07

Total Carcinogenic Risk		Ingestion	Dermal	Total
Arsenic		1.0E-06	2.5E-07	1.3E-06
Benzo(a)pyrene		2.9E-07	3.0E-07	5.9E-07
	Total	1.3E-06	5.5E-07	1.9E-06
Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
Arsenic		2.3E-02	3.9E-03	2.6E-02
Mercury		9.3E-02	3.2E-03	9.6E-02
Sulfide		1.3E-03	2.3E-04	1.5E-03
	Total	0.12	0.0074	0.12

Table A6a - Cancer and Non-Cancer Risks from Ingestion Exposure to 1- to 3-Foot Bank Soil in I9-9-33

Pathway: Incidental Soil Ingestion

Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	4.73	200	1.0	0.5	84	6	1E-06	15	25,550	6.2E-07	1.5	9.3E-07
Benzo(a)pyrene	0.37	200	1.0	0.5	84	6	1E-06	15	25,550	4.9E-08	7.3	3.6E-07
											Total	1.3E-06

NONCARCINOGENIC

HQ = CDI/RfD

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.73	200	1.0	0.5	84	6	1E-06	15	2,190	7.3E-06	0.0003	2.4E-02
Mercury	25	200	1.0	0.5	84	6	1E-06	15	2,190	3.8E-05	0.0003	1.3E-01
Sulfide	247	200	1.0	0.5	84	6	1E-06	15	2,190	3.8E-04	0.1	3.8E-03
Note											Total	1.6E-01

Note
Sulfide evaluated as carbon disulfide.

Table A6b - Cancer and Non-Cancer Risks from Dermal Exposure to 1- to 3-Foot Bank Soil in Parcel I9-9-33

Pathway: Dermal Contact

Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	4.73	0.237	2,454	0.03	84	6	1E-06	15	25,550	1.1E-07	1.5	1.6E-07
Benzo(a)pyrene	0.37	0.237	2,454	0.13	84	6	1E-06	15	25,550	3.7E-08	7.3	2.7E-07
											Total	4.3E-07

NONCARCINOGENIC

HQ = CDI/RfD

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.73	0.237	2,454	0.03	84	6	1E-06	15	2,190	1.3E-06	0.0003	4.2E-03
Mercury	25	0.237	2,454	0.006	84	6	1E-06	15	2,190	1.3E-06	0.0003	4.5E-03
Sulfide	247	0.237	2,454	0.03	84	6	1E-06	15	2,190	6.6E-05	0.1	6.6E-04
											Total	9.3E-03

Note

Sulfide evaluated as carbon disulfide.

Table A6c - Cancer and Non-Cancer Risks from Ingestion Exposure to 1- to 3-Foot Bank Soil in Parcel I9-9-33

Pathway: Incidental Soil Ingestion

Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	4.73	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.3E-07	1.5	1.9E-07
Benzo(a)pyrene	0.37	100	1.0	0.5	84	6	1E-06	36.8	25,550	9.9E-09	7.3	7.2E-08
											Total	2.6E-07

Table A6d - Cancer and Non-Cancer Risks from Dermal Exposure to 1- to 3-Foot Bank Soil in Parcel I9-9-33

Pathway: Dermal Contact

Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	4.73	0.26	3,549	0.03	84	6	1E-06	36.8	25,550	7.0E-08	1.5	1.1E-07
Benzo(a)pyrene	0.37	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	2.4E-08	7.3	1.7E-07
											Total	2.8E-07

Total Carcinogenic Risk		Ingestion	Dermal	Total
Arsenic		1.1E-06	2.7E-07	1.4E-06
Benzo(a)pyrene		4.3E-07	4.4E-07	8.7E-07
	Total	1.6E-06	7.1E-07	2.3E-06
Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
Arsenic		2.4E-02	4.2E-03	2.8E-02
Mercury		1.3E-01	4.5E-03	1.3E-01
Sulfide		3.8E-03	6.6E-04	4.5E-03
	Total	0.16	0.0093	0.17

Table A7a - Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 1-Foot Bank Soil in Parcel I9-9-201

Pathway: Incidental Soil Ingestion

Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	10.6	200	1.0	0.5	84	6	1E-06	15	25,550	1.4E-06	1.5	2.1E-06
Benzo(a)anthracene	1.2	200	1.0	0.5	84	6	1E-06	15	25,550	1.6E-07	0.73	1.2E-07
Benzo(a)pyrene	1.0	200	1.0	0.5	84	6	1E-06	15	25,550	1.3E-07	7.3	9.6E-07
Benzo(b)fluoranthene	0.81	200	1.0	0.5	84	6	1E-06	15	25,550	1.1E-07	0.73	7.8E-08
Benzo(k)fluoranthene	0.94	200	1.0	0.5	84	6	1E-06	15	25,550	1.2E-07	0.073	9.0E-09
Dibenzo(a,h)anthracene	0.25	200	1.0	0.5	84	6	1E-06	15	25,550	3.3E-08	7.3	2.4E-07
Indeno(1,2,3-cd)pyrene	0.59	200	1.0	0.5	84	6	1E-06	15	25,550	7.8E-08	0.73	5.7E-08
											Total	3.5E-06

NONCARCINOGENIC

HQ = CDI/RfD

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	10.6	200	1.0	0.5	84	6	1E-06	15	2,190	1.6E-05	0.0003	5.4E-02
Phenanthrene	1.53	200	1.0	0.5	84	6	1E-06	15	2,190	2.3E-06	0.04	5.9E-05
											Total	5.4E-02

Table A7b - Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 1-Foot Bank Soil in Parcel I9-9-201

Pathway: Dermal Contact

Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	10.6	0.237	2,454	0.03	84	6	1E-06	15	25,550	2.4E-07	1.5	3.6E-07
Benzo(a)anthracene	1.2	0.237	2,454	0.13	84	6	1E-06	15	25,550	1.2E-07	0.73	8.7E-08
Benzo(a)pyrene	1.0	0.237	2,454	0.13	84	6	1E-06	15	25,550	9.9E-08	7.3	7.3E-07
Benzo(b)fluoranthene	0.81	0.237	2,454	0.13	84	6	1E-06	15	25,550	8.1E-08	0.73	5.9E-08
Benzo(k)fluoranthene	0.94	0.237	2,454	0.13	84	6	1E-06	15	25,550	9.3E-08	0.073	6.8E-09
Dibenzo(a,h)anthracene	0.25	0.237	2,454	0.13	84	6	1E-06	15	25,550	2.5E-08	7.3	1.8E-07
Indeno(1,2,3-cd)pyrene	0.59	0.237	2,454	0.13	84	6	1E-06	15	25,550	5.9E-08	0.73	4.3E-08
											Total	1.5E-06

NONCARCINOGENIC

HQ = CDI/RfD

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	10.6	0.237	2,454	0.03	84	6	1E-06	15	2,190	2.8E-06	0.0003	9.5E-03
Phenanthrene	1.53	0.237	2,454	0.13	84	6	1E-06	15	2,190	1.8E-06	0.04	4.4E-05
											Total	9.5E-03

Table A7c - Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 1-Foot Bank Soil in Parcel I9-9-201

Pathway: Incidental Soil Ingestion

Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	10.6	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.8E-07	1.5	4.3E-07
Benzo(a)anthracene	1.2	100	1.0	0.5	84	6	1E-06	36.8	25,550	3.2E-08	0.73	2.3E-08
Benzo(a)pyrene	1.0	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.7E-08	7.3	2.0E-07
Benzo(b)fluoranthene	0.81	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.2E-08	0.73	1.6E-08
Benzo(k)fluoranthene	0.94	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.5E-08	0.073	1.8E-09
Dibenzo(a,h)anthracene	0.25	100	1.0	0.5	84	6	1E-06	36.8	25,550	6.7E-09	7.3	4.9E-08
Indeno(1,2,3-cd)pyrene	0.59	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.6E-08	0.73	1.2E-08
											Total	7.2E-07

Table A7d - Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 1-Foot Bank Soil in Parcel I9-9-201

Pathway: Dermal Contact

Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	10.6	0.26	3,549	0.03	84	6	1E-06	36.8	25,550	1.6E-07	1.5	2.4E-07
Benzo(a)anthracene	1.2	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	7.7E-08	0.73	5.6E-08
Benzo(a)pyrene	1.0	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	6.4E-08	7.3	4.7E-07
Benzo(b)fluoranthene	0.81	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	5.2E-08	0.73	3.8E-08
Benzo(k)fluoranthene	0.94	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	6.0E-08	0.073	4.4E-09
Dibenzo(a,h)anthracene	0.25	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.6E-08	7.3	1.2E-07
Indeno(1,2,3-cd)pyrene	0.59	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	3.8E-08	0.73	2.8E-08
											Total	9.5E-07

Total Carcinogenic Risk	Ingestion	Dermal	Total
	1-13 yrs	1-13 yrs	
Arsenic	2.5E-06	6.0E-07	3.1E-06
Benzo(a)anthracene	1.4E-07	1.4E-07	2.8E-07
Benzo(a)pyrene	1.2E-06	1.2E-06	2.4E-06
Benzo(b)fluoranthene	9.4E-08	9.7E-08	1.9E-07
Benzo(k)fluoranthene	1.1E-08	1.1E-08	2.2E-08
Dibenzo(a,h)anthracene	2.9E-07	3.0E-07	5.9E-07
Indeno(1,2,3-cd)pyrene	6.8E-08	7.1E-08	1.4E-07
Total	4.3E-06	2.4E-06	6.7E-06

Total Noncarcinogenic Hazard	Ingestion	Dermal	Total
	1-6 yrs	1-6 yrs	
Arsenic	5.4E-02	9.5E-03	6.4E-02
Phenanthrene	5.9E-05	4.4E-05	1.0E-04
Total	0.054	0.0095	0.064

Table A8a - Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 3-Foot Bank Soil in Parcel I9-9-201

Pathway: Incidental Soil Ingestior

Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	8.23	200	1.0	0.5	84	6	1E-06	15	25,550	1.1E-06	1.5	1.6E-06
Benzo(a)anthracene	1.0	200	1.0	0.5	84	6	1E-06	15	25,550	1.3E-07	0.73	9.6E-08
Benzo(a)pyrene	0.83	200	1.0	0.5	84	6	1E-06	15	25,550	1.1E-07	7.3	8.0E-07
Benzo(b)fluoranthene	0.67	200	1.0	0.5	84	6	1E-06	15	25,550	8.8E-08	0.73	6.4E-08
Benzo(k)fluoranthene	0.76	200	1.0	0.5	84	6	1E-06	15	25,550	1.0E-07	0.073	7.3E-09
Dibenzo(a,h)anthracene	0.23	200	1.0	0.5	84	6	1E-06	15	25,550	3.0E-08	7.3	2.2E-07
Indeno(1,2,3-cd)pyrene	0.47	200	1.0	0.5	84	6	1E-06	15	25,550	6.2E-08	0.73	4.5E-08
											Total	2.9E-06

NONCARCINOGENIC

HQ = CDI/RfD

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	8.23	200	1.0	0.5	84	6	1E-06	15	2,190	1.3E-05	0.0003	4.2E-02
Phenanthrene	1.3	200	1.0	0.5	84	6	1E-06	15	2,190	2.0E-06	0.04	5.0E-05
											Total	4.2E-02

Table A8b - Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 3-Foot Bank Soil in Parcel I9-9-201

Pathway: Dermal Contact

Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	8.23	0.237	2,454	0.03	84	6	1E-06	15	25,550	1.9E-07	1.5	2.8E-07
Benzo(a)anthracene	1.0	0.237	2,454	0.13	84	6	1E-06	15	25,550	9.9E-08	0.73	7.3E-08
Benzo(a)pyrene	0.83	0.237	2,454	0.13	84	6	1E-06	15	25,550	8.3E-08	7.3	6.0E-07
Benzo(b)fluoranthene	0.67	0.237	2,454	0.13	84	6	1E-06	15	25,550	6.7E-08	0.73	4.9E-08
Benzo(k)fluoranthene	0.76	0.237	2,454	0.13	84	6	1E-06	15	25,550	7.6E-08	0.073	5.5E-09
Dibenzo(a,h)anthracene	0.23	0.237	2,454	0.13	84	6	1E-06	15	25,550	2.3E-08	7.3	1.7E-07
Indeno(1,2,3-cd)pyrene	0.47	0.237	2,454	0.13	84	6	1E-06	15	25,550	4.7E-08	0.73	3.4E-08
											Total	1.2E-06

NONCARCINOGENIC

HQ = CDI/RfD

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	8.23	0.237	2,454	0.03	84	6	1E-06	15	2,190	2.2E-06	0.0003	7.3E-03
Phenanthrene	1.3	0.237	2,454	0.13	84	6	1E-06	15	2,190	1.5E-06	0.04	3.8E-05
											Total	7.4E-03

Table A8c - Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 3-Foot Bank Soil in Parcel I9-9-201

Pathway: Incidental Soil Ingestion

Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	8.23	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.2E-07	1.5	3.3E-07
Benzo(a)anthracene	1.0	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.7E-08	0.73	2.0E-08
Benzo(a)pyrene	0.83	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.2E-08	7.3	1.6E-07
Benzo(b)fluoranthene	0.67	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.8E-08	0.73	1.3E-08
Benzo(k)fluoranthene	0.76	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.0E-08	0.073	1.5E-09
Dibenzo(a,h)anthracene	0.23	100	1.0	0.5	84	6	1E-06	36.8	25,550	6.2E-09	7.3	4.5E-08
Indeno(1,2,3-cd)pyrene	0.47	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.3E-08	0.73	9.2E-09
											Total	5.8E-07

Table A8d - Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 3-Foot Bank Soil in Parcel I9-9-201

Pathway: Dermal Contact

Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	8.23	0.26	3,549	0.03	84	6	1E-06	36.8	25,550	1.2E-07	1.5	1.8E-07
Benzo(a)anthracene	1.0	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	6.4E-08	0.73	4.7E-08
Benzo(a)pyrene	0.83	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	5.3E-08	7.3	3.9E-07
Benzo(b)fluoranthene	0.67	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	4.3E-08	0.73	3.1E-08
Benzo(k)fluoranthene	0.76	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	4.9E-08	0.073	3.6E-09
Dibenzo(a,h)anthracene	0.23	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.5E-08	7.3	1.1E-07
Indeno(1,2,3-cd)pyrene	0.47	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	3.0E-08	0.73	2.2E-08
											Total	7.8E-07

Total Carcinogenic Risk	Ingestion	Dermal	Total
	1-13 yrs	1-13 yrs	
Arsenic	2.0E-06	4.7E-07	2.4E-06
Benzo(a)anthracene	1.2E-07	1.2E-07	2.4E-07
Benzo(a)pyrene	9.6E-07	9.9E-07	2.0E-06
Benzo(b)fluoranthene	7.7E-08	8.0E-08	1.6E-07
Benzo(k)fluoranthene	8.8E-09	9.1E-09	1.8E-08
Dibenzo(a,h)anthracene	2.7E-07	2.7E-07	5.4E-07
Indeno(1,2,3-cd)pyrene	5.4E-08	5.6E-08	1.1E-07
Total	3.4E-06	2.0E-06	5.4E-06

Total Noncarcinogenic Hazard	Ingestion	Dermal	Total
	1-6 yrs	1-6 yrs	
Arsenic	4.2E-02	7.3E-03	4.9E-02
Phenanthrene	5.0E-05	3.8E-05	8.8E-05
Total	0.042	0.007	0.050

Table A9a. Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 1-Foot Soil at Recreational Area 3

Pathway: Incidental Soil Ingestion

Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	8.8	200	1.0	0.5	84	6	1E-06	15	25,550	1.2E-06	1.5	1.7E-06
Benzo(a)anthracene	2.6	200	1.0	0.5	84	6	1E-06	15	25,550	3.4E-07	0.73	2.5E-07
Benzo(a)pyrene	2.4	200	1.0	0.5	84	6	1E-06	15	25,550	3.2E-07	7.3	2.3E-06
Benzo(b)fluoranthene	3.1	200	1.0	0.5	84	6	1E-06	15	25,550	4.1E-07	0.73	3.0E-07
Benzo(k)fluoranthene	1.1	200	1.0	0.5	84	6	1E-06	15	25,550	1.4E-07	0.073	1.1E-08
Chrysene	3	200	1.0	0.5	84	6	1E-06	15	25,550	3.9E-07	0.0073	2.9E-09
Dibenzo(a,h)anthracene	0.6	200	1.0	0.5	84	6	1E-06	15	25,550	7.9E-08	7.3	5.8E-07
Indeno(1,2,3-cd)pyrene	1.7	200	1.0	0.5	84	6	1E-06	15	25,550	2.2E-07	0.73	1.6E-07
											Total	5.3E-06

NONCARCINOGENIC

HQ = CDI/RfD

CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Acetophenone	0.3	200	1.0	0.5	84	6	1E-06	15	2,190	4.6E-07	0.1	4.6E-06
Arsenic	8.8	200	1.0	0.5	84	6	1E-06	15	2,190	1.4E-05	0.0003	4.5E-02
Benzo(g,h,i)perylene	1.9	200	1.0	0.5	84	6	1E-06	15	2,190	2.9E-06	0.04	7.3E-05
Copper	731	200	1.0	0.5	84	6	1E-06	15	2,190	1.1E-03	0.037	3.0E-02
Naphthalene	0.4	200	1.0	0.5	84	6	1E-06	15	2,190	6.1E-07	0.02	3.1E-05
Phenanthrene	3	200	1.0	0.5	84	6	1E-06	15	2,190	4.6E-06	0.04	1.2E-04
Sulfide	287	200	1.0	0.5	84	6	1E-06	15	2,190	4.4E-04	0.1	4.4E-03
											Total	8.0E-02

Table A9b. Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 1-Foot Soil at Recreational Area 3

Pathway: Dermal Contact

Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	8.8	0.237	2,454	0.03	84	6	1E-06	15	25,550	2.0E-07	1.5	3.0E-07
Benzo(a)anthracene	2.6	0.237	2,454	0.13	84	6	1E-06	15	25,550	2.6E-07	0.73	1.9E-07
Benzo(a)pyrene	2.4	0.237	2,454	0.13	84	6	1E-06	15	25,550	2.4E-07	7.3	1.7E-06
Benzo(b)fluoranthene	3.1	0.237	2,454	0.13	84	6	1E-06	15	25,550	3.1E-07	0.73	2.3E-07
Benzo(k)fluoranthene	1.1	0.237	2,454	0.13	84	6	1E-06	15	25,550	1.1E-07	0.073	8.0E-09
Chrysene	3	0.237	2,454	0.13	84	6	1E-06	15	25,550	3.0E-07	0.0073	2.2E-09
Dibenzo(a,h)anthracene	0.6	0.237	2,454	0.13	84	6	1E-06	15	25,550	6.0E-08	7.3	4.4E-07
Indeno(1,2,3-cd)pyrene	1.7	0.237	2,454	0.13	84	6	1E-06	15	25,550	1.7E-07	0.73	1.2E-07
											Total	3.0E-06

NONCARCINOGENIC

HQ = CDI/RfD

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Acetophenone	0.3	0.237	2,454	0.1	84	6	1E-06	15	2,190	2.7E-07	0.1	2.7E-06
Arsenic	8.8	0.237	2,454	0.03	84	6	1E-06	15	2,190	2.4E-06	0.0003	7.9E-03
Benzo(g,h,i)perylene	1.9	0.237	2,454	0.13	84	6	1E-06	15	2,190	2.2E-06	0.04	5.5E-05
Copper	731	0.237	2,454	0.3	84	6	1E-06	15	2,190	2.0E-03	0.037	5.3E-02
Naphthalene	0.4	0.237	2,454	0.13	84	6	1E-06	15	2,190	4.6E-07	0.02	2.3E-05
Phenanthrene	3	0.237	2,454	0.13	84	6	1E-06	15	2,190	3.5E-06	0.04	8.7E-05
Sulfide	287	0.237	2,454	0.03	84	6	1E-06	15	2,190	7.7E-05	0.1	7.7E-04
											Total	6.2E-02

Table A9c. Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 1-Foot Soil at Recreational Area 3

Pathway: Incidental Soil Ingestion

Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	8.8	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.4E-07	1.5	3.5E-07
Benzo(a)anthracene	2.6	100	1.0	0.5	84	6	1E-06	36.8	25,550	7.0E-08	0.73	5.1E-08
Benzo(a)pyrene	2.4	100	1.0	0.5	84	6	1E-06	36.8	25,550	6.4E-08	7.3	4.7E-07
Benzo(b)fluoranthene	3.1	100	1.0	0.5	84	6	1E-06	36.8	25,550	8.3E-08	0.73	6.1E-08
Benzo(k)fluoranthene	1.1	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.9E-08	0.073	2.2E-09
Chrysene	3	100	1.0	0.5	84	6	1E-06	36.8	25,550	8.0E-08	0.0073	5.9E-10
Dibenzo(a,h)anthracene	0.6	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.6E-08	7.3	1.2E-07
Indeno(1,2,3-cd)pyrene	1.7	100	1.0	0.5	84	6	1E-06	36.8	25,550	4.6E-08	0.73	3.3E-08
											Total	1.1E-06

Table A9d. Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 1-Foot Soil at Recreational Area 3

Pathway: Dermal Contact

Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	8.8	0.26	3,549	0.03	84	6	1E-06	36.8	25,550	1.3E-07	1.5	2.0E-07
Benzo(a)anthracene	2.6	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.7E-07	0.73	1.2E-07
Benzo(a)pyrene	2.4	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.5E-07	7.3	1.1E-06
Benzo(b)fluoranthene	3.1	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	2.0E-07	0.73	1.5E-07
Benzo(k)fluoranthene	1.1	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	7.1E-08	0.073	5.2E-09
Chrysene	3	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.9E-07	0.0073	1.4E-09
Dibenzo(a,h)anthracene	0.6	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	3.9E-08	7.3	2.8E-07
Indeno(1,2,3-cd)pyrene	1.7	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.1E-07	0.73	8.0E-08
											Total	2.0E-06

Total Carcinogenic Risk	Ingestion	Dermal	Total
	Arsenic	2.1E-06	5.0E-07
Benzo(a)anthracene	3.0E-07	3.1E-07	6.1E-07
Benzo(a)pyrene	2.8E-06	2.9E-06	5.6E-06
Benzo(b)fluoranthene	3.6E-07	3.7E-07	7.3E-07
Benzo(k)fluoranthene	1.3E-08	1.3E-08	2.6E-08
Chrysene	3.5E-09	3.6E-09	7.1E-09
Dibenzo(a,h)anthracene	6.9E-07	7.2E-07	1.4E-06
Indeno(1,2,3-cd)pyrene	2.0E-07	2.0E-07	4.0E-07
Total	6.4E-06	5.0E-06	1.1E-05
Total Noncarcinogenic Hazard	Ingestion	Dermal	Total
	Acetophenone	4.6E-06	2.7E-06
Arsenic	4.5E-02	7.9E-03	5.3E-02
Benzo(g,h,i)perylene	7.3E-05	5.5E-05	1.3E-04
Copper	3.0E-02	5.3E-02	8.3E-02
Naphthalene	3.1E-05	2.3E-05	5.4E-05
Phenanthrene	1.2E-04	8.7E-05	2.0E-04
Sulfide	4.4E-03	7.7E-04	5.2E-03
Total	0.080	0.062	0.14

Table A10a. Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 3-Foot Soil at Recreational Area 3

Pathway: Incidental Soil Ingestion

Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	10.4	200	1.0	0.5	84	6	1E-06	15	25,550	1.4E-06	1.5	2.1E-06
Benzo(a)anthracene	3.1	200	1.0	0.5	84	6	1E-06	15	25,550	4.1E-07	0.73	3.0E-07
Benzo(a)pyrene	2.03	200	1.0	0.5	84	6	1E-06	15	25,550	2.7E-07	7.3	1.9E-06
Benzo(b)fluoranthene	3.5	200	1.0	0.5	84	6	1E-06	15	25,550	4.6E-07	0.73	3.4E-07
Benzo(k)fluoranthene	1.3	200	1.0	0.5	84	6	1E-06	15	25,550	1.7E-07	0.073	1.2E-08
Chrysene	3.3	200	1.0	0.5	84	6	1E-06	15	25,550	4.3E-07	0.0073	3.2E-09
Dibenzo(a,h)anthracene	0.52	200	1.0	0.5	84	6	1E-06	15	25,550	6.8E-08	7.3	5.0E-07
Indeno(1,2,3-cd)pyrene	1.9	200	1.0	0.5	84	6	1E-06	15	25,550	2.5E-07	0.73	1.8E-07
											Total	5.3E-06

NONCARCINOGENIC

HQ = CDI/RfD

CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Acetophenone	0.24	200	1.0	0.5	84	6	1E-06	15	2,190	3.7E-07	0.1	3.7E-06
Arsenic	10.4	200	1.0	0.5	84	6	1E-06	15	2,190	1.6E-05	0.0003	5.3E-02
Benzo(g,h,i)perylene	2.0	200	1.0	0.5	84	6	1E-06	15	2,190	3.1E-06	0.04	7.7E-05
Copper	406	200	1.0	0.5	84	6	1E-06	15	2,190	6.2E-04	0.037	1.7E-02
Naphthalene	0.51	200	1.0	0.5	84	6	1E-06	15	2,190	7.8E-07	0.02	3.9E-05
Phenanthrene	3.8	200	1.0	0.5	84	6	1E-06	15	2,190	5.8E-06	0.04	1.5E-04
Sulfide	303	200	1.0	0.5	84	6	1E-06	15	2,190	4.6E-04	0.1	4.6E-03
											Total	7.5E-02

Table A10b. Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 3-Foot Soil at Recreational Area 3

Pathway: Dermal Contact

Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	10.4	0.237	2,454	0.03	84	6	1E-06	15	25,550	2.4E-07	1.5	3.6E-07
Benzo(a)anthracene	3.1	0.237	2,454	0.13	84	6	1E-06	15	25,550	3.1E-07	0.73	2.3E-07
Benzo(a)pyrene	2.03	0.237	2,454	0.13	84	6	1E-06	15	25,550	2.0E-07	7.3	1.5E-06
Benzo(b)fluoranthene	3.5	0.237	2,454	0.13	84	6	1E-06	15	25,550	3.5E-07	0.73	2.5E-07
Benzo(k)fluoranthene	1.3	0.237	2,454	0.13	84	6	1E-06	15	25,550	1.3E-07	0.073	9.4E-09
Chrysene	3.3	0.237	2,454	0.13	84	6	1E-06	15	25,550	3.3E-07	0.0073	2.4E-09
Dibenzo(a,h)anthracene	0.52	0.237	2,454	0.13	84	6	1E-06	15	25,550	5.2E-08	7.3	3.8E-07
Indeno(1,2,3-cd)pyrene	1.9	0.237	2,454	0.13	84	6	1E-06	15	25,550	1.9E-07	0.73	1.4E-07
											Total	2.8E-06

NONCARCINOGENIC

HQ = CDI/RfD

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Acetophenone	0.24	0.237	2,454	0.1	84	6	1E-06	15	2,190	2.1E-07	0.1	2.1E-06
Arsenic	10.4	0.237	2,454	0.03	84	6	1E-06	15	2,190	2.8E-06	0.0003	9.3E-03
Benzo(g,h,i)perylene	2.0	0.237	2,454	0.13	84	6	1E-06	15	2,190	2.3E-06	0.04	5.8E-05
Copper	406	0.237	2,454	0.3	84	6	1E-06	15	2,190	1.1E-03	0.037	2.9E-02
Naphthalene	0.51	0.237	2,454	0.13	84	6	1E-06	15	2,190	5.9E-07	0.02	3.0E-05
Phenanthrene	3.8	0.237	2,454	0.13	84	6	1E-06	15	2,190	4.4E-06	0.04	1.1E-04
Sulfide	303	0.237	2,454	0.03	84	6	1E-06	15	2,190	8.1E-05	0.1	8.1E-04
											Total	4.0E-02

Table A10c. Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 3-Foot Soil at Recreational Area 3

Pathway: Incidental Soil Ingestion

Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	10.4	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.8E-07	1.5	4.2E-07
Benzo(a)anthracene	3.1	100	1.0	0.5	84	6	1E-06	36.8	25,550	8.3E-08	0.73	6.1E-08
Benzo(a)pyrene	2.03	100	1.0	0.5	84	6	1E-06	36.8	25,550	5.4E-08	7.3	4.0E-07
Benzo(b)fluoranthene	3.5	100	1.0	0.5	84	6	1E-06	36.8	25,550	9.4E-08	0.73	6.8E-08
Benzo(k)fluoranthene	1.3	100	1.0	0.5	84	6	1E-06	36.8	25,550	3.5E-08	0.073	2.5E-09
Chrysene	3.3	100	1.0	0.5	84	6	1E-06	36.8	25,550	8.8E-08	0.0073	6.5E-10
Dibenzo(a,h)anthracene	0.52	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.4E-08	7.3	1.0E-07
Indeno(1,2,3-cd)pyrene	1.9	100	1.0	0.5	84	6	1E-06	36.8	25,550	5.1E-08	0.73	3.7E-08
											Total	1.1E-06

Table A10d. Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 3-Foot Soil at Recreational Area 3

Pathway: Dermal Contact

Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	10.4	0.26	3,549	0.03	84	6	1E-06	36.8	25,550	1.5E-07	1.5	2.3E-07
Benzo(a)anthracene	3.1	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	2.0E-07	0.73	1.5E-07
Benzo(a)pyrene	2.03	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.3E-07	7.3	9.5E-07
Benzo(b)fluoranthene	3.5	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	2.3E-07	0.73	1.6E-07
Benzo(k)fluoranthene	1.3	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	8.4E-08	0.073	6.1E-09
Chrysene	3.3	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	2.1E-07	0.0073	1.5E-09
Dibenzo(a,h)anthracene	0.52	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	3.3E-08	7.3	2.4E-07
Indeno(1,2,3-cd)pyrene	1.9	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.2E-07	0.73	8.9E-08
											Total	1.8E-06

Total Carcinogenic Risk	Ingestion	Dermal	Total
	Arsenic	2.5E-06	5.9E-07
Benzo(a)anthracene	3.6E-07	3.7E-07	7.3E-07
Benzo(a)pyrene	2.3E-06	2.4E-06	4.8E-06
Benzo(b)fluoranthene	4.0E-07	4.2E-07	8.2E-07
Benzo(k)fluoranthene	1.5E-08	1.6E-08	3.1E-08
Chrysene	3.8E-09	3.9E-09	7.8E-09
Dibenzo(a,h)anthracene	6.0E-07	6.2E-07	1.2E-06
Indeno(1,2,3-cd)pyrene	2.2E-07	2.3E-07	4.5E-07
Total	6.4E-06	4.7E-06	1.1E-05
Total Noncarcinogenic Hazard	Ingestion	Dermal	Total
	Acetophenone	3.7E-06	2.1E-06
Arsenic	5.3E-02	9.3E-03	6.2E-02
Benzo(g,h,i)perylene	7.7E-05	5.8E-05	1.3E-04
Copper	1.7E-02	2.9E-02	4.6E-02
Naphthalene	3.9E-05	3.0E-05	6.9E-05
Phenanthrene	1.5E-04	1.1E-04	2.6E-04
Sulfide	4.6E-03	8.1E-04	5.5E-03
Total	0.075	0.0397	0.11

Table A11a. Cancer and Non-Cancer Risks from Ingestion Exposure to 1- to 3-Foot Soil at Recreational Area 3

Pathway: Incidental Soil Ingestion

Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	9.89	200	1.0	0.5	84	6	1E-06	15	25,550	1.3E-06	1.5	2.0E-06
Benzo(a)anthracene	4	200	1.0	0.5	84	6	1E-06	15	25,550	5.3E-07	0.73	3.8E-07
Benzo(a)pyrene	1.7	200	1.0	0.5	84	6	1E-06	15	25,550	2.2E-07	7.3	1.6E-06
Benzo(b)fluoranthene	4	200	1.0	0.5	84	6	1E-06	15	25,550	5.3E-07	0.73	3.8E-07
Benzo(k)fluoranthene	1.5	200	1.0	0.5	84	6	1E-06	15	25,550	2.0E-07	0.073	1.4E-08
Chrysene	4	200	1.0	0.5	84	6	1E-06	15	25,550	5.3E-07	0.0073	3.8E-09
Dibenzo(a,h)anthracene	0.5	200	1.0	0.5	84	6	1E-06	15	25,550	6.6E-08	7.3	4.8E-07
Indeno(1,2,3-cd)pyrene	2.1	200	1.0	0.5	84	6	1E-06	15	25,550	2.8E-07	0.73	2.0E-07
											Total	5.1E-06

NONCARCINOGENIC

HQ = CDI/RfD

CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Acetophenone	0.21	200	1.0	0.5	84	6	1E-06	15	2,190	3.2E-07	0.1	3.2E-06
Arsenic	9.89	200	1.0	0.5	84	6	1E-06	15	2,190	1.5E-05	0.0003	5.1E-02
Benzo(g,h,i)perylene	2.2	200	1.0	0.5	84	6	1E-06	15	2,190	3.4E-06	0.04	8.4E-05
Copper	135	200	1.0	0.5	84	6	1E-06	15	2,190	2.1E-04	0.037	5.6E-03
Naphthalene	0.6	200	1.0	0.5	84	6	1E-06	15	2,190	9.2E-07	0.02	4.6E-05
Phenanthrene	5	200	1.0	0.5	84	6	1E-06	15	2,190	7.7E-06	0.04	1.9E-04
Sulfide	264	200	1.0	0.5	84	6	1E-06	15	2,190	4.1E-04	0.1	4.1E-03
											Total	6.1E-02

Table A11b. Cancer and Non-Cancer Risks from Dermal Exposure to 1- to 3-Foot Soil at Recreational Area 3

Pathway: Dermal Contact

Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	9.89	0.237	2,454	0.03	84	6	1E-06	15	25,550	2.3E-07	1.5	3.4E-07
Benzo(a)anthracene	4	0.237	2,454	0.13	84	6	1E-06	15	25,550	4.0E-07	0.73	2.9E-07
Benzo(a)pyrene	1.7	0.237	2,454	0.13	84	6	1E-06	15	25,550	1.7E-07	7.3	1.2E-06
Benzo(b)fluoranthene	4	0.237	2,454	0.13	84	6	1E-06	15	25,550	4.0E-07	0.73	2.9E-07
Benzo(k)fluoranthene	1.5	0.237	2,454	0.13	84	6	1E-06	15	25,550	1.5E-07	0.073	1.1E-08
Chrysene	4	0.237	2,454	0.13	84	6	1E-06	15	25,550	4.0E-07	0.0073	2.9E-09
Dibenzo(a,h)anthracene	0.5	0.237	2,454	0.13	84	6	1E-06	15	25,550	5.0E-08	7.3	3.6E-07
Indeno(1,2,3-cd)pyrene	2.1	0.237	2,454	0.13	84	6	1E-06	15	25,550	2.1E-07	0.73	1.5E-07
											Total	2.7E-06

NONCARCINOGENIC

HQ = CDI/RfD

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Acetophenone	0.21	0.237	2,454	0.1	84	6	1E-06	15	2,190	1.9E-07	0.1	1.9E-06
Arsenic	9.89	0.237	2,454	0.03	84	6	1E-06	15	2,190	2.6E-06	0.0003	8.8E-03
Benzo(g,h,i)perylene	2.2	0.237	2,454	0.13	84	6	1E-06	15	2,190	2.6E-06	0.04	6.4E-05
Copper	135	0.237	2,454	0.3	84	6	1E-06	15	2,190	3.6E-04	0.037	9.8E-03
Naphthalene	0.6	0.237	2,454	0.13	84	6	1E-06	15	2,190	7.0E-07	0.02	3.5E-05
Phenanthrene	5	0.237	2,454	0.13	84	6	1E-06	15	2,190	5.8E-06	0.04	1.5E-04
Sulfide	264	0.237	2,454	0.03	84	6	1E-06	15	2,190	7.1E-05	0.1	7.1E-04
											Total	2.0E-02

Table A11c. Cancer and Non-Cancer Risks from Ingestion Exposure to 1- to 3-Foot Soil at Recreational Area 3

Pathway: Incidental Soil Ingestion

Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	9.89	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.7E-07	1.5	4.0E-07
Benzo(a)anthracene	4	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.1E-07	0.73	7.8E-08
Benzo(a)pyrene	1.7	100	1.0	0.5	84	6	1E-06	36.8	25,550	4.6E-08	7.3	3.3E-07
Benzo(b)fluoranthene	4	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.1E-07	0.73	7.8E-08
Benzo(k)fluoranthene	1.5	100	1.0	0.5	84	6	1E-06	36.8	25,550	4.0E-08	0.073	2.9E-09
Chrysene	4	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.1E-07	0.0073	7.8E-10
Dibenzo(a,h)anthracene	0.5	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.3E-08	7.3	9.8E-08
Indeno(1,2,3-cd)pyrene	2.1	100	1.0	0.5	84	6	1E-06	36.8	25,550	5.6E-08	0.73	4.1E-08
											Total	1.0E-06

Table A11d. Cancer and Non-Cancer Risks from Dermal Exposure to 1- to 3-Foot Soil at Recreational Area 3

Pathway: Dermal Contact

Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	9.89	0.26	3,549	0.03	84	6	1E-06	36.8	25,550	1.5E-07	1.5	2.2E-07
Benzo(a)anthracene	4	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	2.6E-07	0.73	1.9E-07
Benzo(a)pyrene	1.7	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.1E-07	7.3	8.0E-07
Benzo(b)fluoranthene	4	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	2.6E-07	0.73	1.9E-07
Benzo(k)fluoranthene	1.5	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	9.6E-08	0.073	7.0E-09
Chrysene	4	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	2.6E-07	0.0073	1.9E-09
Dibenzo(a,h)anthracene	0.5	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	3.2E-08	7.3	2.3E-07
Indeno(1,2,3-cd)pyrene	2.1	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.4E-07	0.73	9.9E-08
											Total	1.7E-06

Total Carcinogenic Risk	Ingestion	Dermal	Total
	Arsenic	2.3E-06	5.6E-07
Benzo(a)anthracene	4.6E-07	4.8E-07	9.4E-07
Benzo(a)pyrene	2.0E-06	2.0E-06	4.0E-06
Benzo(b)fluoranthene	4.6E-07	4.8E-07	9.4E-07
Benzo(k)fluoranthene	1.7E-08	1.8E-08	3.5E-08
Chrysene	4.6E-09	4.8E-09	9.4E-09
Dibenzo(a,h)anthracene	5.8E-07	6.0E-07	1.2E-06
Indeno(1,2,3-cd)pyrene	2.4E-07	2.5E-07	4.9E-07
Total	6.1E-06	4.4E-06	1.1E-05
Total Noncarcinogenic Hazard	Ingestion	Dermal	Total
	Acetophenone	3.2E-06	1.9E-06
Arsenic	5.1E-02	8.8E-03	5.9E-02
Benzo(g,h,i)perylene	8.4E-05	6.4E-05	1.5E-04
Copper	5.6E-03	9.8E-03	1.5E-02
Naphthalene	4.6E-05	3.5E-05	8.1E-05
Phenanthrene	1.9E-04	1.5E-04	3.4E-04
Sulfide	4.1E-03	7.1E-04	4.8E-03
Total	0.061	0.020	0.080

Table A12a. Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 1-Foot Soil at Recreational Area 4

Pathway: Incidental Soil Ingestion

Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs	IgR	OA	FR	EF	ED	CF	BW	ATc	CDI	CSF	Risk
	Soil Concentration (mg/kg)	Ingestion Rate (mg/d)	Oral Absorption (unitless)	Fraction from Site (unitless)	Exposure Frequency (d/yr)	Exposure Duration (yrs)	Conversion Factor (kg/mg)	Body Weight (kg)	Averaging Time Carcinogenic (days)	Chronic Daily Intake (mg/kg-d)	Cancer Slope Factor (mg/kg-d) ⁻¹	
Arsenic	6.74	200	1.0	0.5	84	6	1E-06	15	25,550	8.9E-07	1.5	1.3E-06
Benzo(a)anthracene	2.7	200	1.0	0.5	84	6	1E-06	15	25,550	3.6E-07	0.73	2.6E-07
Benzo(a)pyrene	3	200	1.0	0.5	84	6	1E-06	15	25,550	3.9E-07	7.3	2.9E-06
Benzo(b)fluoranthene	3.2	200	1.0	0.5	84	6	1E-06	15	25,550	4.2E-07	0.73	3.1E-07
Benzo(k)fluoranthene	1.4	200	1.0	0.5	84	6	1E-06	15	25,550	1.8E-07	0.073	1.3E-08
Dibenzo(a,h)anthracene	1.0	200	1.0	0.5	84	6	1E-06	15	25,550	1.3E-07	7.3	9.6E-07
Indeno(1,2,3-cd)pyrene	2.2	200	1.0	0.5	84	6	1E-06	15	25,550	2.9E-07	0.73	2.1E-07
											Total	6.0E-06

NONCARCINOGENIC

HQ = CDI/RfD

CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs	IgR	OA	FR	EF	ED	CF	BW	ATnc	CDI	RfD	HQ
	Soil Concentration (mg/kg)	Ingestion Rate (mg/d)	Oral Absorption (unitless)	Fraction from Site (unitless)	Exposure Frequency (d/yr)	Exposure Duration (yrs)	Conversion Factor (kg/mg)	Body Weight (kg)	Averaging Time Noncarcinogenic (days)	Chronic Daily Intake (mg/kg-d)	Reference Dose (mg/kg-d)	Hazard Quotient
Arsenic	6.74	200	1.0	0.5	84	6	1E-06	15	2,190	1.0E-05	0.0003	3.4E-02
Sulfide	314	200	1.0	0.5	84	6	1E-06	15	2,190	4.8E-04	0.1	4.8E-03
Thallium	1.61	200	1.0	0.5	84	6	1E-06	15	2,190	2.5E-06	0.000065	3.8E-02
											Total	7.7E-02

Table A12b. Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 1-Foot Soil at Recreational Area 4

Pathway: Dermal Contact

Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs	DAF	SA	DA	EF	ED	CF	BW	ATc	CDI	CSF	Risk
	Soil Concentration (mg/kg)	Dermal Adherence Factor (mg/cm ²)	Surface Area Exposed (cm ² /day)	Dermal Absorption (unitless)	Exposure Frequency (d/yr)	Exposure Duration (yrs)	Conversion Factor (kg/mg)	Body Weight (kg)	Averaging Time Carcinogenic (days)	Chronic Daily Intake (mg/kg-d)	Cancer Slope Factor (mg/kg-d) ⁻¹	
Arsenic	6.74	0.237	2,454	0.03	84	6	1E-06	15	25,550	1.5E-07	1.5	2.3E-07
Benzo(a)anthracene	2.7	0.237	2,454	0.13	84	6	1E-06	15	25,550	2.7E-07	0.73	2.0E-07
Benzo(a)pyrene	3	0.237	2,454	0.13	84	6	1E-06	15	25,550	3.0E-07	7.3	2.2E-06
Benzo(b)fluoranthene	3.2	0.237	2,454	0.13	84	6	1E-06	15	25,550	3.2E-07	0.73	2.3E-07
Benzo(k)fluoranthene	1.4	0.237	2,454	0.13	84	6	1E-06	15	25,550	1.4E-07	0.073	1.0E-08
Dibenzo(a,h)anthracene	1.0	0.237	2,454	0.13	84	6	1E-06	15	25,550	9.9E-08	7.3	7.3E-07
Indeno(1,2,3-cd)pyrene	2.2	0.237	2,454	0.13	84	6	1E-06	15	25,550	2.2E-07	0.73	1.6E-07
											Total	3.7E-06

NONCARCINOGENIC

HQ = CDI/RfD

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs	DAF	SA	DA	EF	ED	CF	BW	ATnc	CDI	RfD	HQ
	Soil Concentration (mg/kg)	Dermal Adherence Factor (mg/cm ²)	Surface Area Exposed (cm ² /day)	Dermal Absorption (unitless)	Exposure Frequency (d/yr)	Exposure Duration (yrs)	Conversion Factor (kg/mg)	Body Weight (kg)	Averaging Time Noncarcinogenic (days)	Chronic Daily Intake (mg/kg-d)	Reference Dose (mg/kg-d)	Hazard Quotient
Arsenic	6.74	0.237	2,454	0.03	84	6	1E-06	15	2,190	1.8E-06	0.0003	6.0E-03
Sulfide	314	0.237	2,454	0.03	84	6	1E-06	15	2,190	8.4E-05	0.1	8.4E-04
Thallium	1.61	0.237	2,454	0.01	84	6	1E-06	15	2,190	1.4E-07	0.000065	2.2E-03
											Total	9.1E-03

Table A12c. Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 1-Foot Soil at Recreational Area 4

Pathway: Incidental Soil Ingestion

Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs	IgR	OA	FR	EF	ED	CF	BW	ATc	CDI	CSF	Risk
	Soil Concentration (mg/kg)	Ingestion Rate (mg/d)	Oral Absorption (unitless)	Fraction from Site (unitless)	Exposure Frequency (d/yr)	Exposure Duration (yrs)	Conversion Factor (kg/mg)	Body Weight (kg)	Averaging Time Carcinogenic (days)	Chronic Daily Intake (mg/kg-d)	Cancer Slope Factor (mg/kg-d) ⁻¹	
Arsenic	6.74	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.8E-07	1.5	2.7E-07
Benzo(a)anthracene	2.7	100	1.0	0.5	84	6	1E-06	36.8	25,550	7.2E-08	0.73	5.3E-08
Benzo(a)pyrene	3	100	1.0	0.5	84	6	1E-06	36.8	25,550	8.0E-08	7.3	5.9E-07
Benzo(b)fluoranthene	3.2	100	1.0	0.5	84	6	1E-06	36.8	25,550	8.6E-08	0.73	6.3E-08
Benzo(k)fluoranthene	1.4	100	1.0	0.5	84	6	1E-06	36.8	25,550	3.8E-08	0.073	2.7E-09
Dibenzo(a,h)anthracene	1.0	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.7E-08	7.3	2.0E-07
Indeno(1,2,3-cd)pyrene	2.2	100	1.0	0.5	84	6	1E-06	36.8	25,550	5.9E-08	0.73	4.3E-08
											Total	1.2E-06

Table A12d. Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 1-Foot Soil at Recreational Area 4

Pathway: Dermal Contact

Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC

Risk = CDI x CSF

CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	6.74	0.26	3,549	0.03	84	6	1E-06	36.8	25,550	1.0E-07	1.5	1.5E-07
Benzo(a)anthracene	2.7	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.7E-07	0.73	1.3E-07
Benzo(a)pyrene	3	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.9E-07	7.3	1.4E-06
Benzo(b)fluoranthene	3.2	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	2.1E-07	0.73	1.5E-07
Benzo(k)fluoranthene	1.4	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	9.0E-08	0.073	6.6E-09
Dibenzo(a,h)anthracene	1.0	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	6.4E-08	7.3	4.7E-07
Indeno(1,2,3-cd)pyrene	2.2	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.4E-07	0.73	1.0E-07
											Total	2.4E-06

Total Carcinogenic Risk			
	Ingestion	Dermal	Total
Arsenic	1.6E-06	3.8E-07	2.0E-06
Benzo(a)anthracene	3.1E-07	3.2E-07	6.3E-07
Benzo(a)pyrene	3.5E-06	3.6E-06	7.1E-06
Benzo(b)fluoranthene	3.7E-07	3.8E-07	7.5E-07
Benzo(k)fluoranthene	1.6E-08	1.7E-08	3.3E-08
Dibenzo(a,h)anthracene	1.2E-06	1.2E-06	2.4E-06
Indeno(1,2,3-cd)pyrene	2.5E-07	2.6E-07	5.2E-07
Total	7.2E-06	6.1E-06	1.3E-05
Total Noncarcinogenic Hazard			
	Ingestion	Dermal	Total
Arsenic	3.4E-02	6.0E-03	4.0E-02
Sulfide	4.8E-03	8.4E-04	5.7E-03
Thallium	3.8E-02	2.2E-03	4.0E-02
Total	0.077	0.0091	0.086

Table A13a. Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 3-Foot Soil at Recreational Area 4

Pathway: Incidental Soil Ingestion

Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs	IgR	OA	FR	EF	ED	CF	BW	ATc	CDI	CSF	Risk
	Soil Concentration (mg/kg)	Ingestion Rate (mg/d)	Oral Absorption (unitless)	Fraction from Site (unitless)	Exposure Frequency (d/yr)	Exposure Duration (yrs)	Conversion Factor (kg/mg)	Body Weight (kg)	Averaging Time Carcinogenic (days)	Chronic Daily Intake (mg/kg-d)	Cancer Slope Factor (mg/kg-d) ⁻¹	
Arsenic	8.09	200	1.0	0.5	84	6	1E-06	15	25,550	1.1E-06	1.5	1.6E-06
Benzo(a)anthracene	2.0	200	1.0	0.5	84	6	1E-06	15	25,550	2.6E-07	0.73	1.9E-07
Benzo(a)pyrene	2.2	200	1.0	0.5	84	6	1E-06	15	25,550	2.9E-07	7.3	2.1E-06
Benzo(b)fluoranthene	2.3	200	1.0	0.5	84	6	1E-06	15	25,550	3.0E-07	0.73	2.2E-07
Benzo(k)fluoranthene	1.0	200	1.0	0.5	84	6	1E-06	15	25,550	1.3E-07	0.073	9.6E-09
Dibenzo(a,h)anthracene	0.71	200	1.0	0.5	84	6	1E-06	15	25,550	9.3E-08	7.3	6.8E-07
Indeno(1,2,3-cd)pyrene	1.6	200	1.0	0.5	84	6	1E-06	15	25,550	2.1E-07	0.73	1.5E-07
											Total	5.0E-06

NONCARCINOGENIC

HQ = CDI/RfD

CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs	IgR	OA	FR	EF	ED	CF	BW	ATnc	CDI	RfD	HQ
	Soil Concentration (mg/kg)	Ingestion Rate (mg/d)	Oral Absorption (unitless)	Fraction from Site (unitless)	Exposure Frequency (d/yr)	Exposure Duration (yrs)	Conversion Factor (kg/mg)	Body Weight (kg)	Averaging Time Noncarcinogenic (days)	Chronic Daily Intake (mg/kg-d)	Reference Dose (mg/kg-d)	Hazard Quotient
Arsenic	8.09	200	1.0	0.5	84	6	1E-06	15	2,190	1.2E-05	0.0003	4.1E-02
Sulfide	166.2	200	1.0	0.5	84	6	1E-06	15	2,190	2.5E-04	0.1	2.5E-03
Thallium	1.82	200	1.0	0.5	84	6	1E-06	15	2,190	2.8E-06	0.000065	4.3E-02
											Total	8.7E-02

Table A13b. Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 3-Foot Soil at Recreational Area 4

Pathway: Dermal Contact

Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs	DAF	SA	DA	EF	ED	CF	BW	ATc	CDI	CSF	Risk
	Soil Concentration (mg/kg)	Dermal Adherence Factor (mg/cm ²)	Surface Area Exposed (cm ² /day)	Dermal Absorption (unitless)	Exposure Frequency (d/yr)	Exposure Duration (yrs)	Conversion Factor (kg/mg)	Body Weight (kg)	Averaging Time Carcinogenic (days)	Chronic Daily Intake (mg/kg-d)	Cancer Slope Factor (mg/kg-d) ⁻¹	
Arsenic	8.09	0.237	2,454	0.03	84	6	1E-06	15	25,550	1.9E-07	1.5	2.8E-07
Benzo(a)anthracene	2.0	0.237	2,454	0.13	84	6	1E-06	15	25,550	2.0E-07	0.73	1.5E-07
Benzo(a)pyrene	2.2	0.237	2,454	0.13	84	6	1E-06	15	25,550	2.2E-07	7.3	1.6E-06
Benzo(b)fluoranthene	2.3	0.237	2,454	0.13	84	6	1E-06	15	25,550	2.3E-07	0.73	1.7E-07
Benzo(k)fluoranthene	1.0	0.237	2,454	0.13	84	6	1E-06	15	25,550	9.9E-08	0.073	7.3E-09
Dibenzo(a,h)anthracene	0.71	0.237	2,454	0.13	84	6	1E-06	15	25,550	7.1E-08	7.3	5.2E-07
Indeno(1,2,3-cd)pyrene	1.6	0.237	2,454	0.13	84	6	1E-06	15	25,550	1.6E-07	0.73	1.2E-07
											Total	2.8E-06

NONCARCINOGENIC

HQ = CDI/RfD

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs	DAF	SA	DA	EF	ED	CF	BW	ATnc	CDI	RfD	HQ
	Soil Concentration (mg/kg)	Dermal Adherence Factor (mg/cm ²)	Surface Area Exposed (cm ² /day)	Dermal Absorption (unitless)	Exposure Frequency (d/yr)	Exposure Duration (yrs)	Conversion Factor (kg/mg)	Body Weight (kg)	Averaging Time Noncarcinogenic (days)	Chronic Daily Intake (mg/kg-d)	Reference Dose (mg/kg-d)	Hazard Quotient
Arsenic	8.09	0.237	2,454	0.03	84	6	1E-06	15	2,190	2.2E-06	0.0003	7.2E-03
Sulfide	166.2	0.237	2,454	0.03	84	6	1E-06	15	2,190	4.4E-05	0.1	4.4E-04
Thallium	1.82	0.237	2,454	0.01	84	6	1E-06	15	2,190	1.6E-07	0.000065	2.5E-03
											Total	1.0E-02

Table A13c. Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 3-Foot Soil at Recreational Area 4

Pathway: Incidental Soil Ingestion

Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	8.09	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.2E-07	1.5	3.3E-07
Benzo(a)anthracene	2.0	100	1.0	0.5	84	6	1E-06	36.8	25,550	5.4E-08	0.73	3.9E-08
Benzo(a)pyrene	2.2	100	1.0	0.5	84	6	1E-06	36.8	25,550	5.9E-08	7.3	4.3E-07
Benzo(b)fluoranthene	2.3	100	1.0	0.5	84	6	1E-06	36.8	25,550	6.2E-08	0.73	4.5E-08
Benzo(k)fluoranthene	1.0	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.7E-08	0.073	2.0E-09
Dibenzo(a,h)anthracene	0.71	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.9E-08	7.3	1.4E-07
Indeno(1,2,3-cd)pyrene	1.6	100	1.0	0.5	84	6	1E-06	36.8	25,550	4.3E-08	0.73	3.1E-08
											Total	1.0E-06

Table A13d. Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 3-Foot Soil at Recreational Area 4

Pathway: Dermal Contact

Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC

Risk = CDI x CSF

CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	8.09	0.26	3,549	0.03	84	6	1E-06	36.8	25,550	1.2E-07	1.5	1.8E-07
Benzo(a)anthracene	2.0	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.3E-07	0.73	9.4E-08
Benzo(a)pyrene	2.2	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.4E-07	7.3	1.0E-06
Benzo(b)fluoranthene	2.3	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.5E-07	0.73	1.1E-07
Benzo(k)fluoranthene	1.0	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	6.4E-08	0.073	4.7E-09
Dibenzo(a,h)anthracene	0.71	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	4.6E-08	7.3	3.3E-07
Indeno(1,2,3-cd)pyrene	1.6	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.0E-07	0.73	7.5E-08
											Total	1.8E-06

Total Carcinogenic Risk			
	Ingestion	Dermal	Total
Arsenic	1.9E-06	4.6E-07	2.4E-06
Benzo(a)anthracene	2.3E-07	2.4E-07	4.7E-07
Benzo(a)pyrene	2.5E-06	2.6E-06	5.2E-06
Benzo(b)fluoranthene	2.7E-07	2.7E-07	5.4E-07
Benzo(k)fluoranthene	1.2E-08	1.2E-08	2.4E-08
Dibenzo(a,h)anthracene	8.2E-07	8.5E-07	1.7E-06
Indeno(1,2,3-cd)pyrene	1.8E-07	1.9E-07	3.8E-07
Total	6.0E-06	4.7E-06	1.1E-05
Total Noncarcinogenic Hazard			
	Ingestion	Dermal	Total
Arsenic	4.1E-02	7.2E-03	4.9E-02
Sulfide	2.5E-03	4.4E-04	3.0E-03
Thallium	4.3E-02	2.5E-03	4.5E-02
Total	0.087	0.0102	0.097

Table A14a. Cancer and Non-Cancer Risks from Ingestion Exposure to 1- to 3-Foot Soil at Recreational Area 4

Pathway: Incidental Soil Ingestion

Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs	IgR	OA	FR	EF	ED	CF	BW	ATc	CDI	CSF	Risk
	Soil Concentration (mg/kg)	Ingestion Rate (mg/d)	Oral Absorption (unitless)	Fraction from Site (unitless)	Exposure Frequency (d/yr)	Exposure Duration (yrs)	Conversion Factor (kg/mg)	Body Weight (kg)	Averaging Time Carcinogenic (days)	Chronic Daily Intake (mg/kg-d)	Cancer Slope Factor (mg/kg-d) ⁻¹	
Arsenic	9.67	200	1.0	0.5	84	6	1E-06	15	25,550	1.3E-06	1.5	1.9E-06
Benzo(a)anthracene	1.1	200	1.0	0.5	84	6	1E-06	15	25,550	1.4E-07	0.73	1.1E-07
Benzo(a)pyrene	1.1	200	1.0	0.5	84	6	1E-06	15	25,550	1.4E-07	7.3	1.1E-06
Benzo(b)fluoranthene	1.2	200	1.0	0.5	84	6	1E-06	15	25,550	1.6E-07	0.73	1.2E-07
Benzo(k)fluoranthene	0.5	200	1.0	0.5	84	6	1E-06	15	25,550	6.6E-08	0.073	4.8E-09
Dibenzo(a,h)anthracene	0.4	200	1.0	0.5	84	6	1E-06	15	25,550	5.3E-08	7.3	3.8E-07
Indeno(1,2,3-cd)pyrene	0.8	200	1.0	0.5	84	6	1E-06	15	25,550	1.1E-07	0.73	7.7E-08
											Total	3.6E-06

NONCARCINOGENIC

HQ = CDI/RfD

CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs	IgR	OA	FR	EF	ED	CF	BW	ATnc	CDI	RfD	HQ
	Soil Concentration (mg/kg)	Ingestion Rate (mg/d)	Oral Absorption (unitless)	Fraction from Site (unitless)	Exposure Frequency (d/yr)	Exposure Duration (yrs)	Conversion Factor (kg/mg)	Body Weight (kg)	Averaging Time Noncarcinogenic (days)	Chronic Daily Intake (mg/kg-d)	Reference Dose (mg/kg-d)	Hazard Quotient
Arsenic	9.67	200	1.0	0.5	84	6	1E-06	15	2,190	1.5E-05	0.0003	4.9E-02
Sulfide	18.2	200	1.0	0.5	84	6	1E-06	15	2,190	2.8E-05	0.1	2.8E-04
Thallium	2.08	200	1.0	0.5	84	6	1E-06	15	2,190	3.2E-06	0.000065	4.9E-02
											Total	9.9E-02

Table A14b. Cancer and Non-Cancer Risks from Dermal Exposure to 1- to 3-Foot Soil at Recreational Area 4

Pathway: Dermal Contact

Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs	DAF	SA	DA	EF	ED	CF	BW	ATc	CDI	CSF	Risk
	Soil Concentration (mg/kg)	Dermal Adherence Factor (mg/cm ²)	Surface Area Exposed (cm ² /day)	Dermal Absorption (unitless)	Exposure Frequency (d/yr)	Exposure Duration (yrs)	Conversion Factor (kg/mg)	Body Weight (kg)	Averaging Time Carcinogenic (days)	Chronic Daily Intake (mg/kg-d)	Cancer Slope Factor (mg/kg-d) ⁻¹	
Arsenic	9.67	0.237	2,454	0.03	84	6	1E-06	15	25,550	2.2E-07	1.5	3.3E-07
Benzo(a)anthracene	1.1	0.237	2,454	0.13	84	6	1E-06	15	25,550	1.1E-07	0.73	8.0E-08
Benzo(a)pyrene	1.1	0.237	2,454	0.13	84	6	1E-06	15	25,550	1.1E-07	7.3	8.0E-07
Benzo(b)fluoranthene	1.2	0.237	2,454	0.13	84	6	1E-06	15	25,550	1.2E-07	0.73	8.7E-08
Benzo(k)fluoranthene	0.5	0.237	2,454	0.13	84	6	1E-06	15	25,550	5.0E-08	0.073	3.6E-09
Dibenzo(a,h)anthracene	0.4	0.237	2,454	0.13	84	6	1E-06	15	25,550	4.0E-08	7.3	2.9E-07
Indeno(1,2,3-cd)pyrene	0.8	0.237	2,454	0.13	84	6	1E-06	15	25,550	8.0E-08	0.73	5.8E-08
											Total	1.7E-06

NONCARCINOGENIC

HQ = CDI/RfD

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs	DAF	SA	DA	EF	ED	CF	BW	ATnc	CDI	RfD	HQ
	Soil Concentration (mg/kg)	Dermal Adherence Factor (mg/cm ²)	Surface Area Exposed (cm ² /day)	Dermal Absorption (unitless)	Exposure Frequency (d/yr)	Exposure Duration (yrs)	Conversion Factor (kg/mg)	Body Weight (kg)	Averaging Time Noncarcinogenic (days)	Chronic Daily Intake (mg/kg-d)	Reference Dose (mg/kg-d)	Hazard Quotient
Arsenic	9.67	0.237	2,454	0.03	84	6	1E-06	15	2,190	2.6E-06	0.0003	8.6E-03
Sulfide	18.2	0.237	2,454	0.03	84	6	1E-06	15	2,190	4.9E-06	0.1	4.9E-05
Thallium	2.08	0.237	2,454	0.01	84	6	1E-06	15	2,190	1.9E-07	0.000065	2.9E-03
											Total	1.2E-02

Table A14c. Cancer and Non-Cancer Risks from Ingestion Exposure to 1- to 3-Foot Soil at Recreational Area 4

Pathway: Incidental Soil Ingestion

Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC

Risk = CDI x CSF

CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	9.67	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.6E-07	1.5	3.9E-07
Benzo(a)anthracene	1.1	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.9E-08	0.73	2.2E-08
Benzo(a)pyrene	1.1	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.9E-08	7.3	2.2E-07
Benzo(b)fluoranthene	1.2	100	1.0	0.5	84	6	1E-06	36.8	25,550	3.2E-08	0.73	2.3E-08
Benzo(k)fluoranthene	0.5	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.3E-08	0.073	9.8E-10
Dibenzo(a,h)anthracene	0.4	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.1E-08	7.3	7.8E-08
Indeno(1,2,3-cd)pyrene	0.8	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.1E-08	0.73	1.6E-08
											Total	7.4E-07

Table A14d. Cancer and Non-Cancer Risks from Dermal Exposure to 1- to 3-Foot Soil at Recreational Area 4

Pathway: Dermal Contact

Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC

Risk = CDI x CSF

CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm ²)	SA Surface Area Exposed (cm ² /day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor (mg/kg-d) ⁻¹	Risk
Arsenic	9.67	0.26	3,549	0.03	84	6	1E-06	36.8	25,550	1.4E-07	1.5	2.2E-07
Benzo(a)anthracene	1.1	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	7.1E-08	0.73	5.2E-08
Benzo(a)pyrene	1.1	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	7.1E-08	7.3	5.2E-07
Benzo(b)fluoranthene	1.2	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	7.7E-08	0.73	5.6E-08
Benzo(k)fluoranthene	0.5	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	3.2E-08	0.073	2.3E-09
Dibenzo(a,h)anthracene	0.4	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	2.6E-08	7.3	1.9E-07
Indeno(1,2,3-cd)pyrene	0.8	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	5.1E-08	0.73	3.8E-08
											Total	1.1E-06

Total Carcinogenic Risk			
	Ingestion	Dermal	Total
Arsenic	2.3E-06	5.5E-07	2.8E-06
Benzo(a)anthracene	1.3E-07	1.3E-07	2.6E-07
Benzo(a)pyrene	1.3E-06	1.3E-06	2.6E-06
Benzo(b)fluoranthene	1.4E-07	1.4E-07	2.8E-07
Benzo(k)fluoranthene	5.8E-09	6.0E-09	1.2E-08
Dibenzo(a,h)anthracene	4.6E-07	4.8E-07	9.4E-07
Indeno(1,2,3-cd)pyrene	9.2E-08	9.6E-08	1.9E-07
Total	4.4E-06	2.7E-06	7.1E-06
Total Noncarcinogenic Hazard			
	Ingestion	Dermal	Total
Arsenic	4.9E-02	8.6E-03	5.8E-02
Sulfide	2.8E-04	4.9E-05	3.3E-04
Thallium	4.9E-02	2.9E-03	5.2E-02
Total	0.099	0.012	0.11

ARCADIS

Appendix G-1

*Summary of Bank Soil Removal
Activities Associated with Pilot
Study Implementation (March 19,
2007 letter report)*



Transmitted via Federal Express

GE
159 Plastics Avenue
Pittsfield, MA 01201
USA

March 19, 2007

Ms. Susan C. Svirsky
Project Manager
U. S. Environmental Protection Agency
c/o Weston Solutions
10 Lyman Street
Pittsfield, MA 01201

**Re: GE-Pittsfield/Housatonic River Site, Pittsfield, Massachusetts
Silver Lake Area (GEC600)
Summary of Bank Soil Removal Activities Associated with
Pilot Study Implementation**

Dear Ms Svirsky:

This letter summarizes the soil removal actions that were performed on November 8-10, 2006 by the General Electric Company (GE) during implementation of a sediment capping pilot study at the Silver Lake Area Removal Action Area (Silver Lake RAA) in Pittsfield, Massachusetts. In June 2006, GE submitted to the U.S. Environmental Protection Agency (EPA) a document titled *Pilot Study Work Plan for Silver Lake Sediments* (Pilot Study Work Plan) that described the sediment capping pilot study activities proposed for an approximate one-acre portion of Silver Lake. The Pilot Study Work Plan was conditionally approved by EPA in a letter dated July 18, 2006.

Since the sediment capping pilot study involved a portion of the adjacent bank, GE performed a preliminary assessment of the available soil data for polychlorinated biphenyls (PCBs) and other constituents, in the vicinity of the pilot study area. The bank portion of the pilot study test area is located within an area known as Recreational Area 4 (Figure 1). As discussed with EPA during the July 2006 technical meeting held in Pittsfield, the results of this preliminary assessment indicated that some bank soil removal would likely be necessary to satisfy the applicable Performance Standards for the Silver Lake Banks, as set forth in the Consent Decree (CD), in the northern portion of the pilot study area within Recreational Area 4. To protect the integrity of the pilot study cap and armor system, GE proposed in a letter dated August 22, 2006, to remove certain bank soils associated with sample location RA-4-SB-8 within Recreational Area 4 in conjunction with the implementation of the pilot study. The approximate limits of the initially proposed removal area are shown on Figure 2. EPA conditionally approved the proposed bank soil removal in a letter dated August 30, 2006.

Following EPA's approval of the initially proposed bank soil removal limits, and in the course of preparing for the pilot study, GE refined the preliminary Removal Design/Removal Action (RD/RA) evaluations and related soil removal limits associated with sample location RA-4-SB-8 through the collection of additional soil data. Specifically, on September 15, 2006, GE collected two additional samples within Recreational Area 4 east of sample location RA-4-SB-8 at the

approximate mid-bank (SL-BS-0.50-1) and in the upper third of the bank (SL-BS-0.83-1). Figure 2 shows the sampling locations and PCB analytical results associated with the two additional soil samples, as well as select prior samples from previous investigations located within Recreational Area 4. Using the PCB results from the two additional sample locations, GE updated the previous preliminary RD/RA evaluations for Recreational Area 4. GE discussed the results with EPA and, with EPA's approval, revised the limits of bank soil removal. The revised removal area is shown on Figure 2. Details related to the performance of bank soil removal, the appearance of stained soil during the removal, and restoration activities are provided below.

Summary of Bank Soil Removal Activities

To facilitate disposal of removed soils, on August 25, 2006, GE collected a soil sample (RA4-PILOT) from within the initially proposed bank soil removal limits for analysis of Toxicity Characteristic Leaching Procedure (TCLP) constituents. In addition, following revision to the bank soil removal limits, on September 29, 2006, GE collected an additional soil sample (RA4-PILOT-2) for analysis of TCLP constituents (Figure 2). Analytical results for both samples indicated that TCLP concentrations were below the levels specified in EPA's regulations under the Resource Conservation and Recovery Act (RCRA) for constituting hazardous waste, indicating that soils were not subject to RCRA hazardous waste disposal requirements. A summary of the TCLP analytical results from both samples is provided in Table 1. Given these results and the PCB data from the soils, GE determined that the soils could be transported to and disposed of at a facility authorized to receive waste regulated under the Toxic Substances Control Act (TSCA).

On November 8-10, 2006, GE performed the bank soil removal activities at and adjacent to sample location RA-4-SB-8 within Recreational Area 4 (Figure 2). These bank soil removal activities resulted in the removal of approximately 70 cubic yards (cy) of soil to depths generally extending up to 3 feet below ground surface (bgs). Details related to the extent and depth of the completed excavation, and a representative cross-section illustrating pre-existing, excavated, and restored elevations, are shown on Figure 3.

Prior to performing bank soil removal, the limits of removal were demarcated and the area subject to removal was isolated from lake surface water through the construction of a polyethylene-lined hay bale berm. During excavation, unsaturated soils were directly loaded into lined trucks and transported to a TSCA material staging area located at GE's Building 65 for temporary staging. Saturated soils were initially allowed to dewater via gravity within the open excavation prior to being placed within lined trucks for transport to Building 65. Trucks with excess decant water were temporarily held at the removal area while water was collected from within the lined bed and placed in a 200-gallon high-density polyethylene (HDPE) tank. During the performance of removal activities, approximately 250 gallons of decant water were collected and transported to GE's Building 64G water treatment facility for treatment.

Following the temporary staging at Building 65, approximately 100 tons of soil were transported to and disposed of at CWM Chemical Services, L.L.C., Model City, New York.

Appearance of Stained Soil during Removal Activities

During the course of bank soil removal activities, an area of stained soil was encountered near the northern extent of the bank soil removal area. The stained materials were located in a portion of the excavation sidewall at a depth of approximately 1- to 2-feet bgs. Following removal to the

pre-determined excavation depth of 3 feet in this area, EPA and GE agreed to temporarily discontinue further removal of these materials and sample the stained soil for PCBs, volatile organic compounds (VOCs), and semi-volatile organic compounds (SVOCs). These materials were transported to Building 65 for temporary staging and segregated from the remainder of the excavated soil while awaiting characterization results. A summary of the analytical results from this sample is provided in Table 2. As indicated in Table 2, VOCs were not detected, PCBs were detected at a concentration of 9.4 parts per million (ppm), and a few SVOCs were detected at relatively low levels.

Following review of the analytical results, EPA and GE agreed that the stained materials were not subject to RCRA disposal regulations, and thus could be handled consistent with the remainder of bank soils subject to removal (i.e., subject to TSCA regulations). In addition, EPA and GE agreed that GE would discontinue removal activities in this area and would discuss with EPA potential future activities related to the stained materials in this area and/or potentially within other areas of the Silver Lake RAA as part of the future RD/RA activities.

Restoration

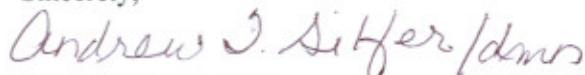
Following bank soil removal activities, the excavation area within the limits of the pilot study was restored in accordance with the Pilot Study Work Plan. The excavation area outside (i.e., to the north) the limits of the pilot study was backfilled to original grade with clean backfill from a n EPA-approved backfill source, lined with a woven geotextile, and covered with armor stone similar to that specified in the Pilot Study Work Plan.

Future Activities

GE will incorporate the soil removal activities described in this letter into the Conceptual RD/RA Work Plan for the Silver Lake RAA bank soils (including Recreational Area 4) to be submitted to EPA in early May 2007. GE will also provide EPA with a sampling proposal for the further characterization of the stained materials discussed above.

Please contact me with questions or comments.

Sincerely,



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

ATS/dmn
Attachments

cc: Susan Steenstrup, MDEP
Jane Rothchild, MDEP*
Anna Symington, MDEP*
Dean Tagliaferro, USEPA
Richard Fisher, USEPA
Holly Inglis, USEPA
Tim Conway, USEPA
Rose Howell, USEPA*

Thomas Fredette, USACE
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Michael Palermo, Mike Palermo Consulting
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Nancy Harper, MA AG*
Linda Palmieri, Weston Solutions
Scott Campbell, Weston Solutions
Mayor James Ruberto, City of Pittsfield
Michael Carroll, GE*
Rod McLaren, GE*
Richard Gates, GE
James Nuss, ARCADIS BBL
Stuart Messur, ARCADIS BBL
Mark Graveling, ARCADIS BBL
James Bieke, Goodwin Procter
Public Information Repositories
GE Internal Repositories

** without attachments*

Tables

**TABLE 1
ANALYTICAL DATA ASSOCIATED WITH TCLP CONSTITUENTS**

**SILVER LAKE PILOT STUDY BANK SOIL REMOVAL
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	TCLP Regulatory Limits	RA4-Pilot 0-3 8/25/2006	RA4-Pilot-2 0-3 9/29/2006
Volatile Organics				
1,1-Dichloroethene		0.7	ND(0.010)	ND(0.010)
1,2-Dichloroethane		0.5	ND(0.010)	ND(0.010)
2-Butanone		200	ND(0.25)	ND(0.25)
Benzene		0.5	ND(0.010)	ND(0.010)
Carbon Tetrachloride		0.5	ND(0.010)	ND(0.010)
Chlorobenzene		100	ND(0.010)	ND(0.010)
Chloroform		6	ND(0.010)	ND(0.010)
Tetrachloroethene		0.7	ND(0.010)	ND(0.010)
Trichloroethene		0.5	ND(0.010)	ND(0.010)
Vinyl Chloride		0.2	ND(0.010)	ND(0.010)
Semivolatile Organics				
1,4-Dichlorobenzene		7.5	ND(0.010)	ND(0.010)
2,4,5-Trichlorophenol		400	ND(0.010)	ND(0.010)
2,4,6-Trichlorophenol		2	ND(0.010)	ND(0.010)
2,4-Dinitrotoluene		0.13	ND(0.010)	ND(0.010)
Cresol		200	ND(0.010)	ND(0.010)
Hexachlorobenzene		0.13	ND(0.010)	ND(0.010)
Hexachlorobutadiene		0.5	ND(0.010)	ND(0.010)
Hexachloroethane		3	ND(0.010)	ND(0.010)
Nitrobenzene		2	ND(0.010) J	ND(0.010)
Pentachlorophenol		100	ND(0.050)	ND(0.050)
Pyridine		5	ND(0.010) J	R
Organochlorine Pesticides				
Endrin		0.02	ND(0.0020)	ND(0.0020)
Gamma-BHC (Lindane)		0.4	ND(0.040)	ND(0.040)
Heptachlor		0.008	ND(0.0040)	ND(0.0040)
Heptachlor Epoxide		0.008	ND(0.0040)	ND(0.0040)
Methoxychlor		10	ND(0.10)	ND(0.10)
Technical Chlordane		0.03	ND(0.0030)	ND(0.0030)
Toxaphene		0.5	ND(0.050)	ND(0.050)
Herbicides				
2,4,5-TP		1	ND(0.10)	ND(0.10)
2,4-D		10	ND(0.40)	ND(0.40)
Inorganics				
Arsenic		5	ND(0.200) J	ND(0.200)
Barium		100	0.248 J	0.674 B
Cadmium		1	0.00520 J	0.0188 B
Chromium		5	0.00770 J	0.0423 B
Lead		5	0.0625 J	0.191
Mercury		0.2	ND(0.000570)	0.0000930 B
Selenium		1	ND(0.200)	ND(0.200)
Silver		5	ND(0.100) J	ND(0.100)

Notes:

1. Samples were collected by ARCADIS BBL, and submitted to SGS Environmental Services, Inc. for analysis of TCLP constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved May 29, 2004 and resubmitted June 19, 2004).
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

Data Qualifiers:

Organics (volatiles, semivolatiles, pesticides, herbicides,)

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

Inorganics

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

TABLE 2
ANALYTICAL DATA ASSOCIATED WITH STAINED MATERIAL
SILVER LAKE PILOT STUDY BANK SOIL REMOVAL
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Date Collected:	RA4-Bank-1108-1 11/08/06
Volatile Organics		
None Detected		--
PCBs		
Aroclor-1254		7.3
Aroclor-1260		2.1
Total PCBs		9.4
Semivolatile Organics		
3&4-Methylphenol		0.46 J
Anthracene		0.18 J
Benzo(a)anthracene		0.86
Benzo(a)pyrene		0.88
Benzo(b)fluoranthene		1.2
Benzo(k)fluoranthene		0.43 J
Chrysene		1.1
Fluoranthene		1.3
Naphthalene		0.076 J
Phenanthrene		0.72 J
Phenol		0.34 J
Pyrene		1.5

Notes:

1. Sample was collected by ARCADIS BBL, and submitted to Northeast Analytical, Inc. and SGS Environmental Services, Inc. for analysis of PCBs, volatiles and semivolatiles.
2. Sample has been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved May 29, 2004 and resubmitted June 19, 2004).
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
4. Only detected constituents are summarized.
5. -- Indicates that all constituents for the parameter group were not detected.

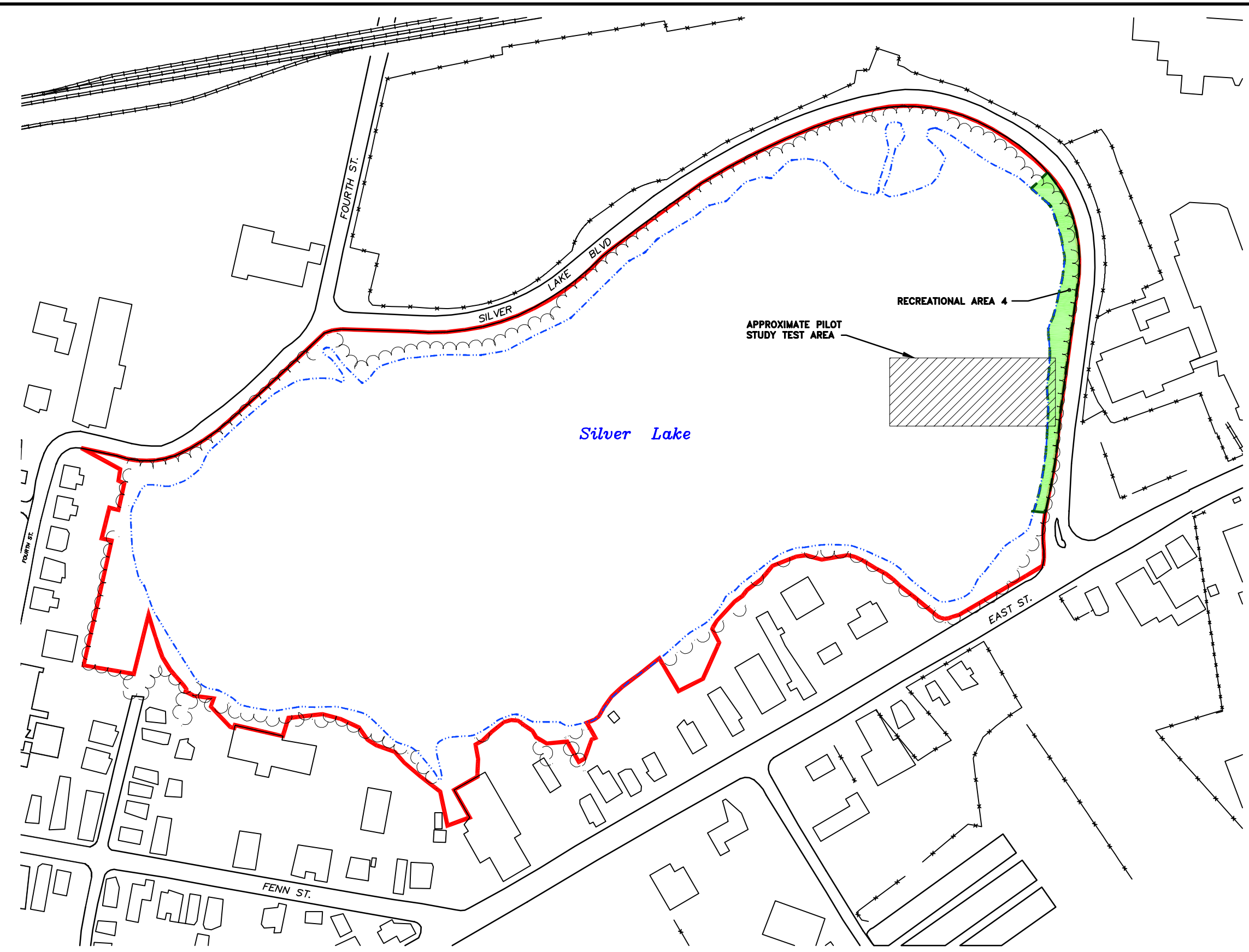
Data Qualifiers:

Organics (PCBs, volatiles, semivolatiles)


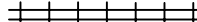




J - Indicates that the associated numerical value is an estimated concentration.

Figures

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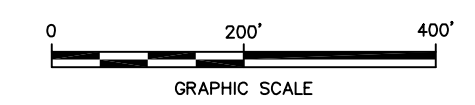


LEGEND:

-  MEAN WATER ELEV (975.9) (APPROX.)
-  RAILROAD
-  VEGETATION
-  APPROXIMATE LIMIT OF SILVER LAKE SOILS RAA BOUNDARY
-  RECREATIONAL AREA 4
-  APPROXIMATE PILOT STUDY TEST AREA

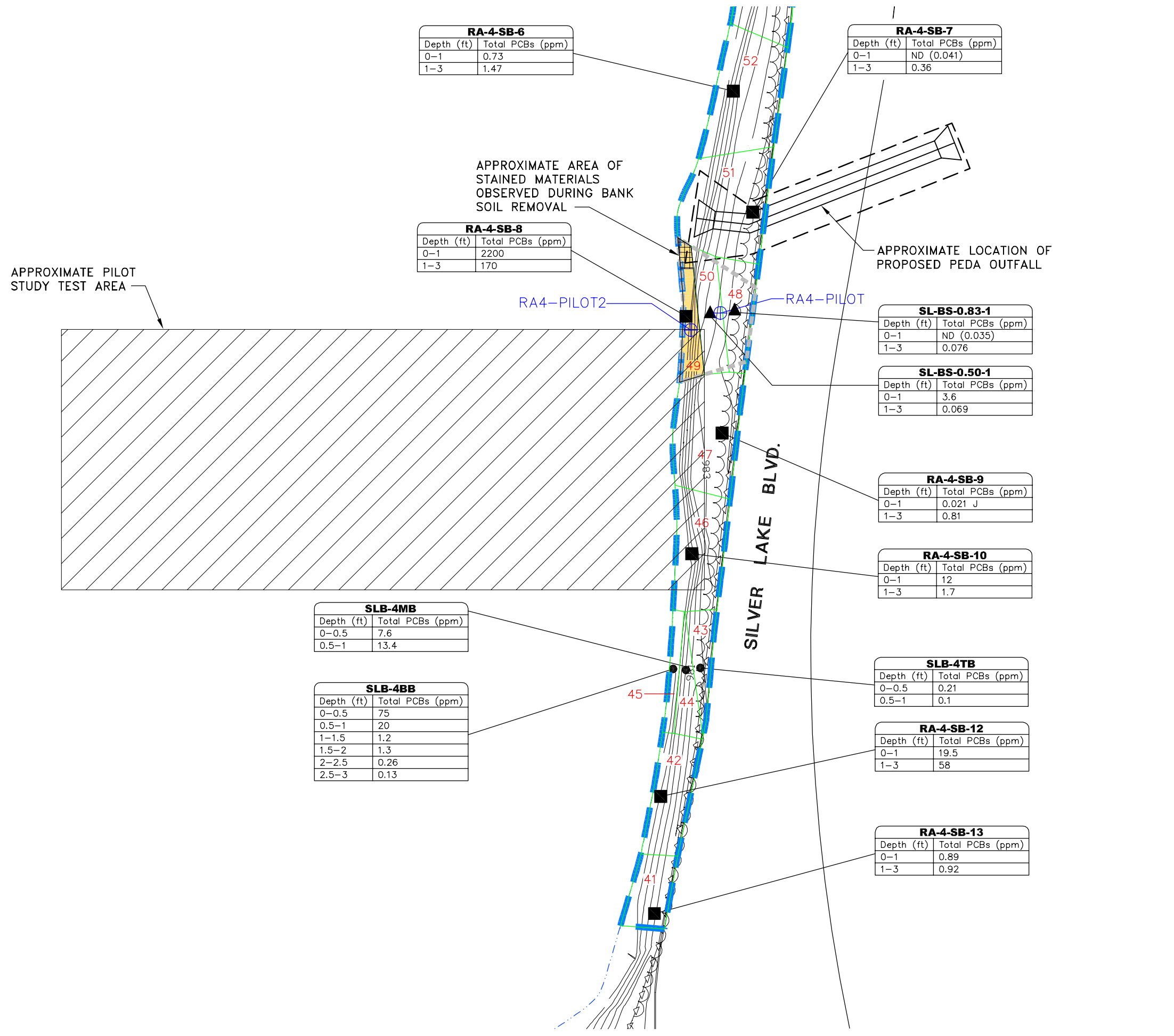
NOTE:

1. BASE MAP MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV A, DATED 3/15/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN.



GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS PILOT STUDY BANK SOIL REMOVAL	
SILVER LAKE AREA SITE MAP	
 <small>infrastructure, environment, facilities</small>	FIGURE 1

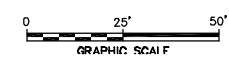
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LEGEND:

- RECREATIONAL AREA 4 BOUNDARY
- SURFACE ELEVATION (1-FT CONTOUR)
- GUARDRAIL
- MEAN WATER ELEV (975.9 FT) (APPROX.)
- PRIOR (HISTORICAL) PCB SOIL SAMPLE LOCATION
- PRE-DESIGN PCB SOIL SAMPLE LOCATION
- APPROXIMATE LOCATION OF TCLP SOIL SAMPLES COLLECTED DURING THE PERFORMANCE OF PILOT STUDY
- ADDITIONAL SAMPLE LOCATIONS COLLECTED DURING THE PERFORMANCE OF PILOT STUDY
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH.
- 50** POLYGON ID
- AREA OF INITIALLY PROPOSED BANK SOIL REMOVAL
- APPROXIMATE AREA OF BANK SOIL REMOVAL
- APPROXIMATE AREA OF STAINED MATERIALS ENCOUNTERED DURING BANK SOIL REMOVAL ACTIVITIES
- APPROXIMATE PILOT STUDY TEST AREA

- NOTES:**
- BASE MAP MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV A, DATED 3/15/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN.
 - ADDITIONAL BASE MAPPING FOR BANK SOIL REMOVAL MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, PROVIDED 2/16/07.
 - ALL SAMPLE LOCATIONS SHOWN ARE APPROXIMATE.

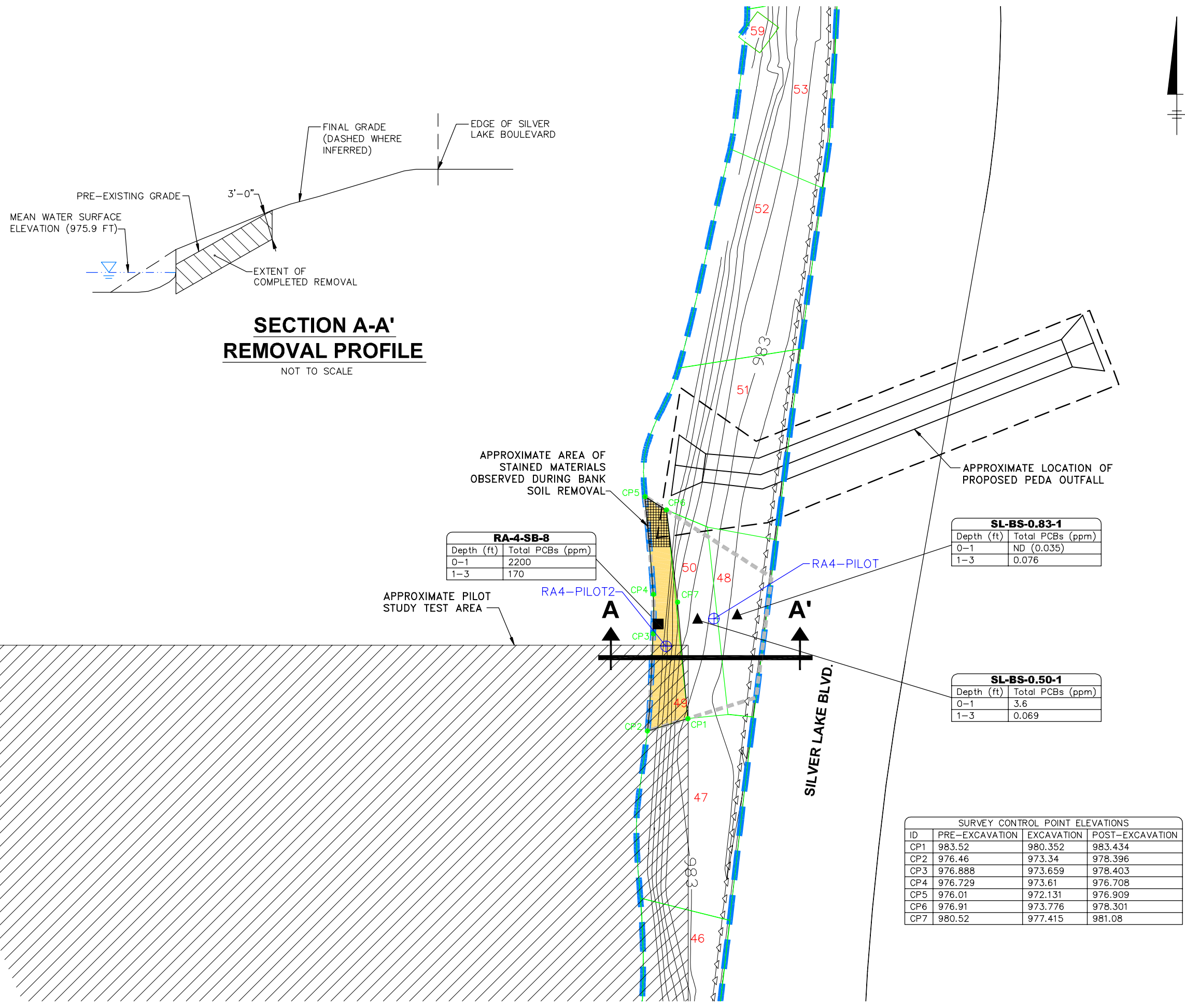


GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
PILOT STUDY BANK SOIL REMOVAL

**BANK SOIL REMOVAL ASSOCIATED
 WITH PILOT STUDY IMPLEMENTATION**

FIGURE
2

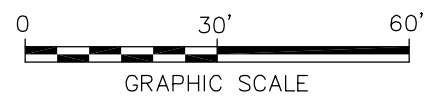
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 PROJECT NAME:-----
 PRESS IMAGES:
 40152X01



LEGEND:

- RECREATIONAL AREA 4 BOUNDARY
- SURFACE ELEVATION (1-FT CONTOUR)
- GUARDRAIL
- MEAN WATER ELEV (975.9 FT) (APPROX.)
- CP1
- PRE-DESIGN PCB SOIL SAMPLE LOCATION
- APPROXIMATE LOCATION OF TCLP SOIL SAMPLES COLLECTED DURING THE PERFORMANCE OF PILOT STUDY
- ADDITIONAL SAMPLE LOCATIONS COLLECTED DURING THE PERFORMANCE OF PILOT STUDY
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH.
- POLYGON ID
- AREA OF INITIALLY PROPOSED BANK SOIL REMOVAL
- APPROXIMATE AREA OF BANK SOIL REMOVAL
- APPROXIMATE AREA OF STAINED MATERIALS ENCOUNTERED DURING BANK SOIL REMOVAL ACTIVITIES
- APPROXIMATE PILOT STUDY TEST AREA

- NOTES:**
1. BASE MAP MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV A, DATED 3/15/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN.
 2. ADDITIONAL BASE MAPPING FOR BANK SOIL REMOVAL MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS, AND PLANNERS, PROVIDED 2/16/07.
 3. ALL SAMPLE LOCATIONS SHOWN ARE APPROXIMATE.



GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
PILOT STUDY BANK SOIL REMOVAL

DETAIL OF BANK SOIL REMOVAL

FIGURE
3

Appendix G-2

*Summary of Recent Field
Investigations and Analytical
Results Related to Silver Lake
Bank Materials (December 3,
2007 letter report)*



GE
159 Plastics Avenue
Pittsfield, MA 01201
USA

December 3, 2007

Ms. Susan C. Svirsky
Project Manager
U.S. Environmental Protection Agency
c/o Weston Solutions
10 Lyman Street
Pittsfield, MA 01201

Re: Summary of Recent Field Investigation and Analytical Results Related to
Silver Lake Bank Materials
GE – Pittsfield/Housatonic River Site, Pittsfield, Massachusetts
Silver Lake Area (GECD600)

Dear Ms. Svirsky:

In a letter submitted to the U.S. Environmental Protection Agency (EPA) on August 22, 2006, the General Electric Company (GE) proposed to remove certain bank materials within the Silver Lake Removal Action Area (RAA) in conjunction with the implementation of a pilot study for Silver Lake sediments. EPA conditionally approved the proposed removal activities in a letter dated August 30, 2006. Between November 8 and 10, 2006, GE removed approximately 70 cubic yards (cy) of bank material to depths generally extending up to 3 feet below ground surface (bgs) from a small area on the east shore of the lake (Figure 1). These removal activities were documented in a letter report submitted to EPA on May 10, 2007.

During the course of the removal activities, an area of stained soil was encountered near the northern extent of the removal area (Figure 1). As a result, and following discussion with EPA, GE collected a representative sample of the stained materials for analysis of polychlorinated biphenyls (PCBs) and other non-PCB Appendix IX+3 constituents. The sample was collected from excavated materials that had been staged prior to transport for appropriate disposal. Although the analytical results related to this sample indicated relatively low PCB concentrations [9.0 milligrams/kilogram (mg/kg)], following review of the entire analytical results package and related discussion with EPA, GE agreed to perform additional investigations related to the nature and potential extent of the stained materials. As such, in the May 10, 2007 letter report, GE included a plan for further investigative activities including additional sample collection and related analyses. EPA provided conditional approval of the proposed investigations in a letter dated June 12, 2007.

This letter summarizes the performance of the activities that had been proposed by GE, and presents the associated analytical results.

Summary of Investigative Activities

In accordance with GE's May 10, 2007 letter to EPA, field investigations and sample collection were initiated on July 12, 2007 by ARCADIS BBL (ABBL). The samples were submitted to SGS Environmental Services, Inc. (SGS) for analysis as described below. All field and analytical activities were performed in accordance with GE's approved Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP) (last updated in March 2007).

On July 12, 2007, bank soil cores were collected from 3 locations to a maximum depth of 6 feet. During processing, staining (black fine sand) and petroleum odors were noted at elevations generally between 3-

to 4-foot bgs in all 3 cores (Figure 1). Note that all 3 cores (i.e., SL-PILOTBANK-1, -2, and -3) were installed at similar approximate surface elevations, suggesting that the observations of staining and odors in these cores were all made with respect to soil from the same approximate subsurface strata. As a result of the staining and odors noted in the cores collected on July 12, 3 additional cores were collected on July 13, 2007 (SL-PILOTBANK-4, -5, and -6) at locations selected in the field following consultation with EPA. These cores were installed at various surface elevations and advanced to a maximum depth of 12 feet bgs, in an effort to reach subsurface elevations similar to those where staining and odors had been noted the previous day. Similar staining and odors were noted for each of these three additional cores from the same approximate subsurface elevation as the previous days observations.

Based on the apparent similarity of the stained materials, and with EPA's consent, sub-samples of the stained materials were collected only from the three cores collected on July 12 (i.e., SL-PILOTBANK-1, -2, and -3). Sub-samples of the stained materials were collected, homogenized, and submitted for analysis of PCBs, volatile organic carbons (VOCs), semi-volatile organic carbons (SVOCs), and total petroleum hydrocarbons (TPH).

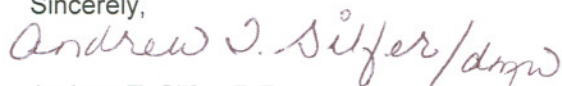
Summary of Analytical Results

A summary of the analytical results of the samples collected as part of this investigation is presented in Table 1. Total PCB detections in the samples collected ranged from 1.84 to 180 mg/kg. VOCs and SVOCs were detected at relatively low concentrations at all three sample locations. Extractable petroleum hydrocarbons (EPH) were detected in samples from all three locations ranging in concentration from 840 to 20,000 mg/kg. Volatile petroleum hydrocarbons (VPH) were detected in SL-PILOTBANK-1 (2- to 4-foot increment) and SL-PILOTBANK-2 (4- to 6-foot increment) ranging from 10 to 350 mg/kg. Based on the PCB concentrations, low VOC and SVOC concentrations, and the elevated EPH and low VPH concentrations, it appears the staining may be related to weathered petroleum products and not PCBs or PCB non-aqueous phase liquids (NAPLs).

GE also reviewed the boring logs and sample descriptions for bank samples collected at various properties around the lake as part of the soil investigations. The locations were classified as either containing stained soils or not. The results are shown on Figure 2. This analysis indicates that stained soils are present at various locations around the lake and that further sampling would yield similar results. Therefore, GE does not propose to perform additional investigations of staining in the Silver Lake bank soils. Nonetheless, due to the potential presence of similar materials in bank soils at or near the water surface, GE will include discussion of contingency plans related to potentially encountering similarly stained materials and/or NAPL as part future RD/RA documents related to Silver Lake banks soils and sediments.

Please contact me with questions or comments.

Sincerely,



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

ATS/dmn
Attachments

cc: Susan Steenstrup, MDEP
Jane Rothchild, MDEP*
Anna Symington, MDEP*
Dean Tagliaferro, USEPA
Richard Fisher, USEPA
Holly Inglis, USEPA
Tim Conway, USEPA
Rose Howell, USEPA*
Thomas Fredette, USACE
Kenneth Munney, USFWS
Michael Palermo, Mike Palermo Consulting
Dale Young MA EOE
Nancy Harper, MA AG*
Linda Palmieri, Weston Solutions
Scott Campbell, Weston Solutions
Mayor James Ruberto, City of Pittsfield
Michael Carroll, GE*
Rod McLaren, GE*
Richard Gates, GE
James Bieke, Goodwin Procter
James Nuss, ARCADIS BBL
Stuart Messur, ARCADIS BBL
Mark Graveling, ARCADIS BBL
Todd Cridge, ARCADIS BBL
Public Information Repositories
GE Internal Repositories

* without attachments

**TABLE 1
SILVER LAKE BANK SOIL SAMPLING**

**SILVER LAKE BANK SOIL INVESTIGATIONS
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight milligrams per kilogram, mg/kg)**

Sample ID: Sample Depth(Feet): Date Collected:	SL-PILOTBANK-1 2-4 07/12/07	SL-PILOTBANK-2 3-6 07/12/07	SL-PILOTBANK-2 4-6 07/12/07	SL-PILOTBANK-3 1-4 07/12/07	SL-PILOTBANK-3 2-4 07/12/07
Volatile Organics					
1,1-Dichloroethane	ND(0.10)	NA	0.011 J	NA	ND(0.0038)
Acetone	ND(0.52)	NA	ND(0.22)	NA	0.035
Benzene	0.53	NA	0.21	NA	ND(0.0038)
Carbon Disulfide	ND(0.10)	NA	ND(0.044)	NA	0.0092
Chlorobenzene	0.089 J	NA	0.014 J	NA	ND(0.0038)
Ethylbenzene	0.36	NA	0.19	NA	ND(0.0038)
Methylene Chloride	0.26 J	NA	0.098 J	NA	ND(0.0038)
Tetrachloroethene	0.99	NA	0.081	NA	ND(0.0038)
Toluene	1.1	NA	0.13	NA	ND(0.0038)
trans-1,2-Dichloroethene	0.13	NA	0.035 J	NA	ND(0.0038)
Trichloroethene	0.64	NA	0.10	NA	ND(0.0038)
Vinyl Chloride	ND(0.10)	NA	0.025 J	NA	ND(0.0038)
Xylenes (total)	1.7	NA	0.92	NA	ND(0.0038)
PCBs					
Aroclor-1254	ND(44)	0.84	NA	ND(15)	NA
Aroclor-1260	180	1.0	NA	31	NA
Total PCBs	180	1.84	NA	31	NA
Semivolatile Organics					
1,3-Dichlorobenzene	0.96 J	ND(4.0)	NA	ND(1.9)	NA
1,4-Dichlorobenzene	1.7 J	ND(4.0)	NA	ND(1.9)	NA
2-Chloronaphthalene	2.2 J	ND(4.0)	NA	ND(1.9)	NA
Acenaphthene	3.0 J	ND(4.0)	NA	ND(1.9)	NA
Aniline	7.6	ND(4.0)	NA	ND(1.9)	NA
Anthracene	5.9	ND(4.0)	NA	ND(1.9)	NA
Benzo(a)anthracene	11	ND(4.0)	NA	ND(1.9)	NA
Benzo(a)pyrene	8.9	ND(4.0)	NA	0.35 J	NA
Benzo(b)fluoranthene	11	ND(4.0)	NA	0.40 J	NA
Benzo(g,h,i)perylene	6.9	ND(4.0)	NA	ND(1.9)	NA
Benzo(k)fluoranthene	4.0 J	ND(4.0)	NA	ND(1.9)	NA
bis(2-Ethylhexyl)phthalate	3.0 J	ND(4.0)	NA	ND(1.9)	NA
Chrysene	16	0.56 J	NA	0.52 J	NA
Dibenzofuran	1.1 J	ND(4.0)	NA	ND(1.9)	NA
Di-n-Butylphthalate	6.2	ND(4.0)	NA	ND(1.9)	NA
Fluoranthene	23	0.84 J	NA	0.56 J	NA
Fluorene	4.7	ND(4.0)	NA	ND(1.9)	NA
Indeno(1,2,3-cd)pyrene	7.4	ND(4.0)	NA	ND(1.9)	NA
Naphthalene	2.2 J	0.60 J	NA	ND(1.9)	NA
Phenanthrene	25	ND(4.0)	NA	0.33 J	NA
Pyrene	22	1.0 J	NA	0.73 J	NA
Extractable Petroleum Hydrocarbons					
C11-C22 Aromatic Hydrocarbons	2700	1000	NA	840	NA
C19-C36 Aliphatic Hydrocarbons	20000	2600	NA	1900	NA
C9-C18 Aliphatic Hydrocarbons	6500	930	NA	920	NA
Volatile Petroleum Hydrocarbons					
C5-C8 Aliphatic Hydrocarbons	ND(10)	NA	10	NA	ND(10)
C9-C10 Aromatic Hydrocarbons	39	NA	350	NA	ND(10)
C9-C12 Aliphatic Hydrocarbons	45	NA	61	NA	ND(10)

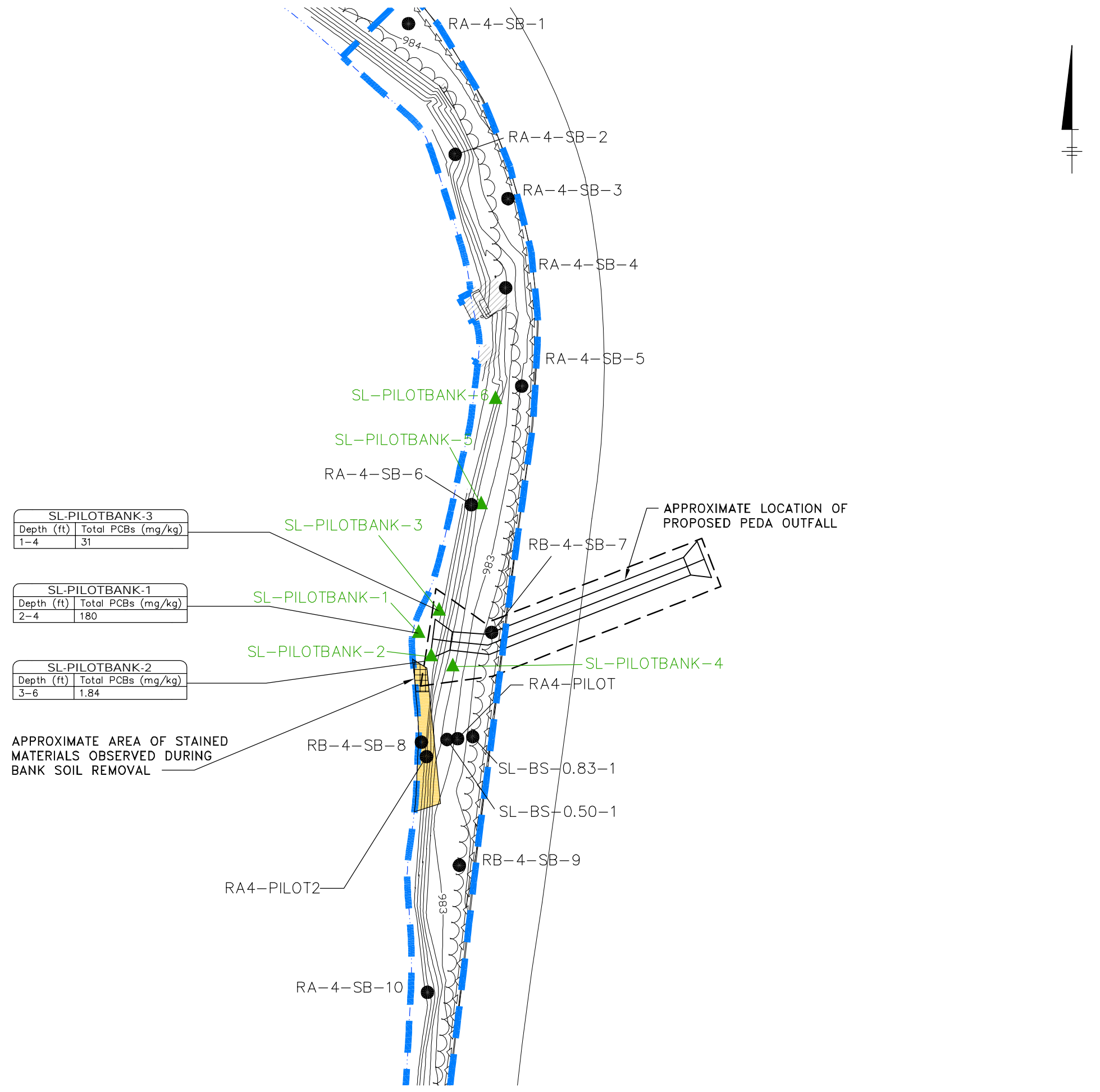
Notes:

1. Samples were collected by ARCADIS BBL, and submitted to SGS Environmental Services, Inc. for analysis of volatiles, PCBs, semivolatiles, extractable petroleum hydrocarbons (EPH) and volatile petroleum hydrocarbons (VPH) .
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
3. Only those constituents detected in one or more samples are summarized.

Data Qualifiers:

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

SYR-R5-LUP.MLS.LAF LAYER: ON=*, OFF=REF*.ibnd*, ED=CONCRETE, MISC, ISTRUCTURE=DRAIN, TEXT, TEXT=*, U=OH, U=W
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 PROJECT NAME: 40152007
 XREFS: IMAGES: 40152001



SL-PILOTBANK-3	
Depth (ft)	Total PCBs (mg/kg)
1-4	31

SL-PILOTBANK-1	
Depth (ft)	Total PCBs (mg/kg)
2-4	180

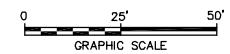
SL-PILOTBANK-2	
Depth (ft)	Total PCBs (mg/kg)
3-6	1.84

APPROXIMATE AREA OF STAINED MATERIALS OBSERVED DURING BANK SOIL REMOVAL

APPROXIMATE LOCATION OF PROPOSED PEDA OUTFALL

- LEGEND:**
- RECREATIONAL AREA 4 BOUNDARY
 - SURFACE ELEVATION (1-FT CONTOUR)
 - GUARDRAIL
 - MEAN WATER ELEV (975.9 FT) (APPROX.)
 - HISTORICAL AND PRE-DESIGN BANK SOIL SAMPLE LOCATIONS
 - 2007 BANK MATERIAL CHARACTERIZATION SAMPLE COLLECTION LOCATION
 - APPROXIMATE AREA OF BANK SOIL REMOVAL
 - APPROXIMATE AREA OF STAINED MATERIALS ENCOUNTERED DURING BANK SOIL REMOVAL ACTIVITIES

- NOTES:**
- BASE MAP MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV A, DATED 3/15/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN.
 - ADDITIONAL BASE MAPPING FOR BANK SOIL REMOVAL MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, PROVIDED 2/16/07.
 - ALL SAMPLE LOCATIONS SHOWN ARE APPROXIMATE.

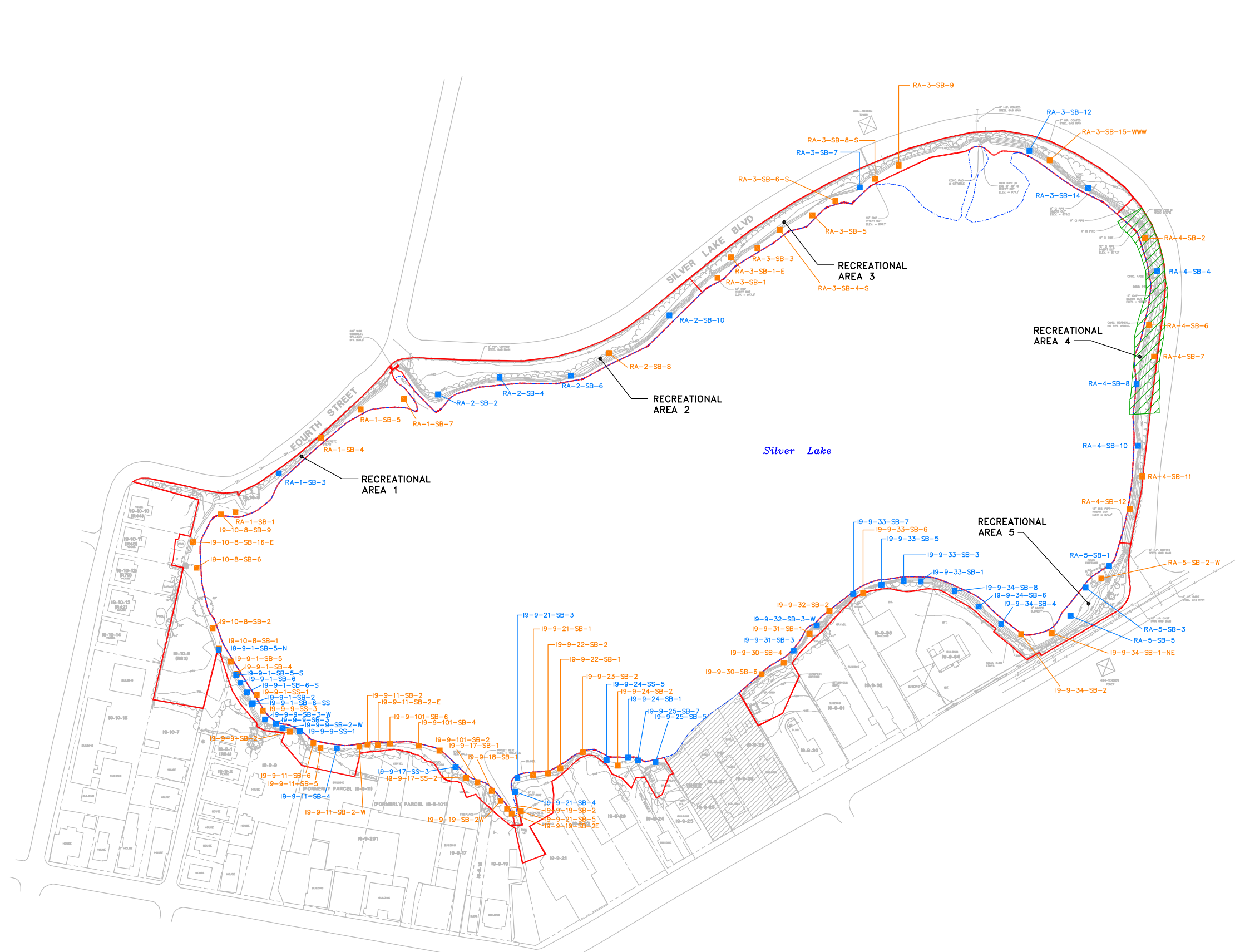


GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
SILVER LAKE BANK SOIL INVESTIGATIONS

**BANK MATERIAL COLLECTION
 LOCATIONS ADJACENT TO SILVER LAKE**

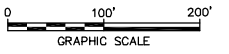
FIGURE
1

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 PROJECT NAME: 40152005
 PLOT IMAGES: 40152001



- LEGEND:**
- MEAN WATER ELEV (975.9) (APPROX.)
 - APPROXIMATE SILVER LAKE BANK SOIL RAA
 - APPROXIMATE PROPERTY LINE
 - PROPERTY ID
 - SURFACE ELEVATION (1-FT CONTOUR)
 - EDGE OF BUSHES
 - GUARDRAIL
 - CHAIN LINK FENCE
 - DECIDUOUS TREE
 - CONIFEROUS TREE
 - GAS SERVICE
 - WATER SERVICE
 - STORM SEWER
 - SANITARY MANHOLE
 - CATCH BASIN
 - UTILITY POLE
 - SIGN
 - ELECTRIC METER
 - PROPERTY ADDRESSED AS PART OF ADMINISTRATIVE CONSENT ORDER WITH MDEP
 - LOWER BANK SOIL BORING LOCATIONS
 - LOWER BANK SOIL BORING LOCATIONS WITH EVIDENCE OF STAINING
 - APPROXIMATE AREA OF 2007 LOWER BANK SOIL INVESTIGATION

- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.



GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

SILVER LAKE BANK SOIL INVESTIGATIONS

PREVIOUS INVESTIGATION LOCATIONS

FIGURE
2



**General Electric Company
Pittsfield, Massachusetts**

**Revised Conceptual Removal Design/
Removal Action Work Plan for
Soils Adjacent to Silver Lake**

Volume II of III

October 2008

Volume II of III

Appendix D PCB Spatial Averaging Evaluation Tables and Polygon Maps

Appendix D - Tables

Table D-1 – Existing Conditions – Parcel I9-9-1 (Bank) – 0- to 1-Foot Depth Increment

Table D-2 – Existing Conditions – Parcel I9-9-1 (Bank) – 1- to X-Foot Depth Increment

Table D-3 – Post-Remediation Conditions – Parcel I9-9-1 (Bank) – 0- to 1-Foot Depth Increment

Table D-4 – Post-Remediation Conditions – Parcel I9-9-1 (Bank) – 1- to X-Foot Depth Increment

Table D-5 – Existing Conditions – Parcel I9-9-9 (Bank) – 0- to 1-Foot Depth Increment

Table D-6 – Existing Conditions – Parcel I9-9-9 (Bank) – 1- to X-Foot Depth Increment

Table D-7 – Post-Remediation Conditions – Parcel I9-9-9 (Bank) – 0- to 1-Foot Depth Increment

Table D-8 – Post-Remediation Conditions – Parcel I9-9-9 (Bank) – 1- to X-Foot Depth Increment

Table D-9 – Existing Conditions – Parcel I9-9-9 (Non-Bank) – 0- to 1-Foot Depth Increment

Table D-10 – Existing Conditions – Parcel I9-9-9 (Non-Bank) – 1- to X-Foot Depth Increment

Table D-11 – Post-Remediation Conditions – Parcel I9-9-9 (Non-Bank) – 0- to 1-Foot Depth Increment

Table D-12 – Post-Remediation Conditions – Parcel I9-9-9 (Non-Bank) – 1- to X-Foot Depth Increment

Table D-13 – Existing Conditions – Parcel I9-9-17 (Bank) – 0- to 1-Foot Depth Increment

Table D-14 – Existing Conditions – Parcel I9-9-17 (Bank) – 0- to 3-Foot Depth Increment

Table D-15 – Post-Remediation Conditions – Parcel I9-9-17 (Bank) – 0- to 1-Foot Depth Increment

Table D-16 – Post-Remediation Conditions – Parcel I9-9-17 (Bank) – 0- to 3-Foot Depth Increment

Table D-17 – Existing Conditions – Parcel I9-9-18 (Bank) – 0- to 1-Foot Depth Increment

Table D-18 – Existing Conditions – Parcel I9-9-18 (Bank) – 1- to X-Foot Depth Increment

Table D-19 – Post-Remediation Conditions – Parcel I9-9-18 (Bank) – 0- to 1-Foot Depth Increment

Table D-20 – Post-Remediation Conditions – Parcel I9-9-18 (Bank) – 1- to X-Foot Depth Increment

Table D-21 – Existing Conditions – Parcel I9-9-19 (Bank) – 0- to 1-Foot Depth Increment

Table D-22 – Existing Conditions – Parcel I9-9-19 (Bank) – 1- to X-Foot Depth Increment

Table D-23 – Post-Remediation Conditions – Parcel I9-9-19 (Bank) – 0- to 1-Foot Depth Increment

Table D-24 – Post-Remediation Conditions – Parcel I9-9-19 (Bank) – 1- to X-Foot Depth Increment

Table D-25 – Existing Conditions – Parcels I9-9-21 and -22 (Bank) – 0- to 1-Foot Depth Increment

Table D-26 – Existing Conditions – Parcels I9-9-21 and -22 (Bank) – 0- to 3-Foot Depth Increment

Table D-27 – Existing Conditions – Parcel I9-9-21 and -22 (Non-Bank) – 0- to 1-Foot Depth Increment

Table D-28 – Existing Conditions – Parcels I9-9-21 and -22 (Non-Bank) – 0- to 3-Foot Depth Increment

Table D-29 – Existing Conditions – Parcels I9-9-21 and -22 (Non-Bank) – 1- to 6-Foot Depth Increment

Table D-30 – Existing Conditions – Parcels I9-9-21 and -22 (Non-Bank) – 0- to 15-Foot Depth Increment

Table D-31 – Existing Conditions – Parcel I9-9-23 (Bank) – 0- to 1-Foot Depth Increment

Table D-32 – Existing Conditions – Parcel I9-9-23 (Bank) – 1- to X-Foot Depth Increment

Table D-33 – Existing Conditions – Parcel I9-9-24 (Bank) – 0- to 1-Foot Depth Increment

Table D-34 – Existing Conditions – Parcel I9-9-24 (Bank) – 1- to X-Foot Depth Increment

Table D-35 – Post-Remediation Conditions – Parcel I9-9-24 (Bank) – 0- to 1-Foot Depth Increment

Table D-36 – Post-Remediation Conditions – Parcel I9-9-24 (Bank) – 1- to X-Foot Depth Increment

Table D-37 – Existing Conditions – Parcel I9-9-25 (Bank) – 0- to 1-Foot Depth Increment

Table D-38 – Existing Conditions – Parcel I9-9-25 (Bank) – 0- to 3-Foot Depth Increment

Table D-39 – THIS TABLE HAS INTENTIONALLY BEEN LEFT BLANK

Table D-40 – Existing Conditions – Parcel I9-9-25 (Non-Bank) – 0- to 1-Foot Depth Increment

Table D-41 – Existing Conditions – Parcel I9-9-25 (Non-Bank) – 0- to 3-Foot Depth Increment

Table D-42 – Existing Conditions – Parcel I9-9-25 (Non-Bank) – 1- to 6-Foot Depth Increment

Table D-43 – Existing Conditions – Parcel I9-9-25 (Non-Bank) – 0- to 15-Foot Depth Increment

Table D-44 – Existing Conditions – Parcel I9-9-30 (Bank) – 0- to 1-Foot Depth Increment

Table D-45 – Existing Conditions – Parcel I9-9-30 (Bank) – 1- to X-Foot Depth Increment

Table D-46 – Existing Conditions – Parcel I9-9-30 (Non-Bank) – 0- to 1-Foot Depth Increment

Table D-47 – Existing Conditions – Parcel I9-9-30 (Non-Bank) – 1- to X-Foot Depth Increment

Table D-48 – Existing Conditions – Parcel I9-9-31 (Bank) – 0- to 1-Foot Depth Increment

Table D-49 – Existing Conditions – Parcel I9-9-31 (Bank) – 1- to X-Foot Depth Increment

Table D-50 – Post-Remediation Conditions – Parcel I9-9-31 (Bank) – 0- to 1-Foot Depth Increment

Table D-51 – Post-Remediation Conditions – Parcel I9-9-31 (Bank) – 1- to X-Foot Depth Increment

Table D-52 – Existing Conditions – Parcel I9-9-32 (Bank) – 0- to 1-Foot Depth Increment

Table D-53 – THIS TABLE HAS INTENTIONALLY BEEN LEFT BLANK

Table D-54 – Existing Conditions – Parcel I9-9-32 (Bank) – 1- to 3-Foot Depth Increment

Table D-55 – Post-Remediation Conditions – Parcel I9-9-32 (Bank) – 0- to 1-Foot Depth Increment

Table D-56 – THIS TABLE HAS INTENTIONALLY BEEN LEFT BLANK

Table D-57 – Post-Remediation Conditions – Parcel I9-9-32 (Bank) – 1- to 3-Foot Depth Increment

Table D-58 – Existing Conditions – Parcel I9-9-33 (Bank) – 0- to 1-Foot Depth Increment

Table D-59 – THIS TABLE HAS INTENTIONALLY BEEN LEFT BLANK

Table D-60 – Existing Conditions – Parcel I9-9-33 (Bank) – 1- to 3-Foot Depth Increment

Table D-61 – Existing Conditions – Parcel I9-9-34 (Bank) – 0- to 1-Foot Depth Increment

Table D-62 – Existing Conditions – Parcel I9-9-34 (Bank) – 0- to 3-Foot Depth Increment

Table D-63 – THIS TABLE HAS INTENTIONALLY BEEN LEFT BLANK

Table D-64 – Post-Remediation Conditions – Parcel I9-9-34 (Bank) – 0- to 1-Foot Depth Increment

Table D-65 – Post-Remediation Conditions – Parcel I9-9-34 (Bank) – 0- to 3-Foot Depth Increment

Table D-66 – THIS TABLE HAS INTENTIONALLY BEEN LEFT BLANK

Table D-67 – Existing Conditions – Parcel I9-9-201 (Bank) – 0- to 1-Foot Depth Increment

Table D-68 – Existing Conditions – Parcel I9-9-201 (Bank) – 0- to 3-Foot Depth Increment

Table D-68A – THIS TABLE HAS INTENTIONALLY BEEN LEFT BLANK

Table D-69 – Post-Remediation Conditions – Parcel I9-9-201 (Bank) – 0- to 1-Foot Depth Increment

Table D-70 – Post-Remediation Conditions – Parcel I9-9-201 (Bank) – 0- to 3-Foot Depth Increment

Table D-70A – THIS TABLE HAS INTENTIONALLY BEEN LEFT BLANK

Table D-71 – Existing Conditions – Parcel I9-9-201 (Non-Bank) – 0- to 1-Foot Depth Increment

Table D-72 – Existing Conditions – Parcel I9-9-201 (Non-Bank) – 0- to 3-Foot Depth Increment

Table D-73 – Existing Conditions – Parcel I9-9-201 (Non-Bank) – 1- to 6-Foot Depth Increment

Table D-74 – Existing Conditions – Parcel I9-9-201 (Non-Bank) – 0- to 15-Foot Depth Increment

Table D-75 – Post-Remediation Conditions – Parcel I9-9-201 (Non-Bank) – 0- to 1-Foot Depth Increment

Table D-76 – Post-Remediation Conditions – Parcel I9-9-201 (Non-Bank) – 0- to 3-Foot Depth Increment

Table D-77 – Post-Remediation Conditions – Parcel I9-9-201 (Non-Bank) – 1- to 6-Foot Depth Increment

Table D-78 – Post-Remediation Conditions – Parcel I9-9-201 (Non-Bank) – 0- to 15-Foot Depth Increment

Table D-79 – Existing Conditions – Parcel I9-10-8 (Bank) – 0- to 1-Foot Depth Increment

Table D-80 – Existing Conditions – Parcel I9-10-8 (Bank) – 1- to X-Foot Depth Increment

Table D-81 – Post-Remediation Conditions – Parcel I9-10-8 (Bank) – 0- to 1-Foot Depth Increment

Table D-82 – Post-Remediation Conditions – Parcel I9-10-8 (Bank) – 1- to X-Foot Depth Increment

Table D-83 – Existing Conditions – Parcel I9-10-8 (Non-Bank) – 0- to 1-Foot Depth Increment

Table D-84 – Existing Conditions – Parcel I9-10-8 (Non-Bank) – 1- to X-Foot Depth Increment

Table D-85 – Post-Remediation Conditions – Parcel I9-10-8 (Non-Bank) – 0- to 1-Foot Depth Increment

Table D-86 – Post-Remediation Conditions – Parcel I9-10-8 (Non-Bank) – 1- to X-Foot Depth Increment

Table D-87 – Existing Conditions – Parcel I9-10-11 (Non-Bank) – 0- to 1-Foot Depth Increment

Table D-88 – Existing Conditions – Parcel I9-10-11 (Non-Bank) – 1- to X-Foot Depth Increment

Table D-89 – Post-Remediation Conditions – Parcel I9-10-11 (Non-Bank) – 0- to 1-Foot Depth Increment

Table D-90 – Post-Remediation Conditions – Parcel I9-10-11 (Non-Bank) – 1- to X-Foot Depth Increment

Table D-91 – Existing Conditions – Parcel I9-10-9 & Recreational Area-1 (RA-1) – 0- to 1-Foot Depth Increment

Table D-91A – Existing Conditions – Parcel I9-10-9 & Recreational Area-1 (RA-1) – 0- to 3-Foot Depth Increment

Table D-92 – Existing Conditions – Parcel I9-10-9 & Recreational Area-1 (RA-1) – 1- to 3-Foot Depth Increment

Table D-93 – Post-Remediation Conditions – Parcel I9-10-9 & Recreational Area-1 (RA-1) – 0- to 1-Foot Depth Increment

Table D-93A – Post-Remediation Conditions – Parcel I9-10-9 & Recreational Area-1 (RA-1) – 0- to 3-Foot Depth Increment

Table D-94 – Post-Remediation Conditions – Parcel I9-10-9 & Recreational Area-1 (RA-1) – 1- to 3-Foot Depth Increment

Table D-95 – Existing Conditions – Recreational Area-2 (RA-2) – 0- to 1-Foot Depth Increment

Table D-95A – Existing Conditions – Recreational Area-2 (RA-2) – 0- to 3-Foot Depth Increment

Table D-96 – Existing Conditions – Recreational Area-2 (RA-2) – 1- to 3-Foot Depth Increment

Table D-97 – Post-Remediation Conditions –Recreational Area-2 (RA-2) – 0- to 1-Foot Depth Increment

Table D-97A – Post-Remediation Conditions –Recreational Area-2 (RA-2) – 0- to 3-Foot Depth Increment

Table D-98 – Post-Remediation Conditions –Recreational Area-2 (RA-2) – 1- to 3-Foot Depth Increment

Table D-99 – Existing Conditions – Recreational Area-3 (RA-3) – 0- to 1-Foot Depth Increment

Table D-99A – Existing Conditions – Recreational Area-3 (RA-3) – 0- to 3-Foot Depth Increment

Table D-100 – Existing Conditions – Recreational Area-3 (RA-3) – 1- to 3-Foot Depth Increment

Table D-101 – Post-Remediation Conditions –Recreational Area-3 (RA-3) – 0- to 1-Foot Depth Increment

Table D-101A – Post-Remediation Conditions –Recreational Area-3 (RA-3) – 0- to 3-Foot Depth Increment

Table D-102 – Post-Remediation Conditions –Recreational Area-3 (RA-3) – 1- to 3-Foot Depth Increment

Table D-103 – Existing Conditions – Recreational Area-4 (RA-4) – 0- to 1-Foot Depth Increment

Table D-103A – Existing Conditions – Recreational Area-4 (RA-4) –
0- to 3-Foot Depth Increment

Table D-104 – Existing Conditions – Recreational Area-4 (RA-4) –
1- to 3-Foot Depth Increment

Table D-105 – Post-Remediation Conditions –Recreational Area-4 (RA-4) –
0- to 1-Foot Depth Increment

Table D-105A – Post-Remediation Conditions – Recreational Area-4 (RA-4) –
0- to 3-Foot Depth Increment

Table D-106 – Post-Remediation Conditions –Recreational Area-4 (RA-4) –
1- to 3-Foot Depth Increment

Table D-107 – Existing Conditions – Recreational Area-5 (RA-5) –
0- to 1-Foot Depth Increment

Table D-107A – Existing Conditions – Recreational Area-5 (RA-5) –
0- to 3-Foot Depth Increment

Table D-108 – Existing Conditions – Recreational Area-5 (RA-5) –
1- to 3-Foot Depth Increment

Table D-109 – Post-Remediation Conditions –Recreational Area-5 (RA-5) –
0- to 1-Foot Depth Increment

Table D-109A – Post-Remediation Conditions – Recreational Area-5 (RA-5) –
0- to 3-Foot Depth Increment

Table D-110 – Post-Remediation Conditions –Recreational Area-5 (RA-5) –
1- to 3-Foot Depth Increment

Table D-111 – Existing Conditions – Utility Corridor Along East Street

Table D-112 – Existing Conditions – Utility Corridor Along Silver Lake Boulevard

Table D-113 – Post-Remediation Conditions – Utility Corridor Along East Street

Table D-114 – Post-Remediation Conditions – Utility Corridor Along Silver Lake Boulevard

ARCADIS

Parcel I9-9-1 (bank)

**TABLE D-1
EXISTING CONDITIONS
PARCEL I9-9-1: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	533	141	0 - 0.5	0.022	2.62	0.02	0.06
I9-9-1-SB-3	530, 530A	244	0 - 0.5	0.038	4.52	0.04	0.17
I9-9-1-SB-5	532	296	0 - 0.5	9.2	5.48	9.20	50.39
I9-9-1-SS-1	650	166	0 - 0.5	89	3.07	89.00	272.79
I9-9-9-SS-2	627	23	0 - 0.5	0.47	0.42	0.47	0.20
I9-9-9-SS-3	625	123	0 - 0.5	117	2.28	117.00	266.52
R84A125	655	9	0 - 0.5	0.3	0.17	0.30	0.05
R84A150	544, 544A	258	0 - 0.5	0.25	4.78	0.25	1.19
R84A165	545	119	0 - 0.5	6.85	2.19	6.85	15.03
R84A168	648	19	0 - 0.5	265	0.35	265.00	92.41
R84B100	654	86	0 - 0.5	0.25	1.60	0.25	0.40
R84B125	542, 542A, 542B	379	0 - 0.5	0.4	7.02	0.40	2.81
R84B134	543, 543A	335	0 - 0.5	0.4	6.21	0.40	2.48
R84B144	649	236	0 - 0.5	200	4.37	200.00	874.70
R84C075	627A	7	0 - 0.5	0.25	0.13	0.25	0.03
R84C100	540, 540A	164	0 - 0.5	0.25	3.04	0.25	0.76
R84C104	541, 541A	160	0 - 0.5	0.4	2.97	0.40	1.19
R84C116	581	332	0 - 0.5	15.3	6.14	15.30	93.97
SLB-8 Bottom Bank	575, 575A	121	0 - 0.5	3.17	2.23	3.17	7.07
SLB-8 Top Bank	580	255	0 - 0.5	0.022	4.73	0.02	0.10
Totals:	--	3,472	--	--	64.30	--	1,682.33
Volume-Weighted Average:							26.16

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	524	141	0.5 - 1	0.022	2.62	0.02	0.06
I9-9-1-SB-3	521, 521A	256	0.5 - 1	0.038	4.73	0.04	0.18
I9-9-1-SB-5	523	296	0.5 - 1	9.2	5.48	9.20	50.39
I9-9-1-SS-1	661	166	0.5 - 1	89	3.07	89.00	272.79
I9-9-9-SS-2	614	23	0.5 - 1	0.47	0.42	0.47	0.20
I9-9-9-SS-3	612	123	0.5 - 1	117	2.28	117.00	266.52
R84A125	669	9	0.5 - 1	0.25	0.17	0.25	0.04
R84A150	537, 537A	536	0.5 - 1	0.6	9.93	0.60	5.96
R84A165	538, 538A	149	0.5 - 1	15	2.75	15.00	41.32
R84A168	659	19	0.5 - 1	505	0.35	505.00	176.10
R84B100	668	86	0.5 - 1	0.25	1.60	0.25	0.40
R84B125	535, 535A, 535B	379	0.5 - 1	0.2	7.02	0.20	1.40
R84B134	536	335	0.5 - 1	0.25	6.21	0.25	1.55
R84B144	660	291	0.5 - 1	640	5.39	640.00	3,451
R84C075	667	7	0.5 - 1	0.25	0.13	0.25	0.03
R84C100	533, 533A	164	0.5 - 1	0.25	3.04	0.25	0.76
R84C104	534, 534A	160	0.5 - 1	0.1475	2.97	0.15	0.44
R84C116	575	332	0.5 - 1	27.5	6.14	27.50	168.90
Totals:	--	3,472	--	--	64.30	--	4,438.06
Volume-Weighted Average:							69.02

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,472	--	--	128.60	--	6,120.39
Volume-Weighted Average:							47.59

Notes:

1. Polygon ID and area based on information shown on Figures D-40 and D-41.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-2
EXISTING CONDITIONS
PARCEL I9-9-1: 1- TO X-FOOT [X=8] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-1	424	3	1 - 2	0.0215	0.12	0.02	0.003
I9-9-1-SB-1	342	354	1 - 2	0.0175	13.10	0.02	0.23
I9-9-1-SB-3	338, 338A	567	1 - 2	0.31	21.00	0.31	6.51
I9-9-1-SB-4	344	518	1 - 2	38.5	19.17	38.50	738.23
I9-9-1-SB-5	341	298	1 - 2	6.8	11.03	6.80	75.03
I9-9-9-SB-5	389	7	1 - 2	0.241	0.26	0.24	0.06
R84A165	356	234	1 - 2	11	8.68	11.00	95.43
R84A168	426	19	1 - 2	220	0.70	220.00	153.43
R84B100	430	182	1 - 2	0.25	6.74	0.25	1.68
R84B144	427	455	1 - 2	190	16.84	190.00	3,199.39
R84C116	369	836	1 - 2	30	30.96	30.00	928.82
Totals:	--	3,472	--	--	128.59	--	5,198.81
Volume-Weighted Average:							40.43

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	381	354	2 - 3	0.0175	13.10	0.02	0.23
I9-9-1-SB-3	377, 377A	567	2 - 3	0.31	21.00	0.31	6.51
I9-9-1-SB-4	383	518	2 - 3	38.5	19.17	38.50	738.23
I9-9-1-SB-5	380	298	2 - 3	6.8	11.03	6.80	75.03
I9-9-9-SB-5	428	7	2 - 3	0.241	0.26	0.24	0.06
I9-10-8-SB-1	463	3	2 - 3	0.0215	0.12	0.02	0.003
R84A165	395	234	2 - 3	4.3	8.68	4.30	37.30
R84A168	465	19	2 - 3	168	0.70	168.00	117.16
R84B100	470	182	2 - 3	0.4	6.74	0.40	2.69
R84B144	466	455	2 - 3	29	16.84	29.00	488.33
R84C116	409	836	2 - 3	16	30.96	16.00	495.37
Totals:	--	3,472	--	--	128.59	--	1,960.92
Volume-Weighted Average:							15.25

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	400	354	3 - 4	0.53	13.10	0.53	6.95
I9-9-1-SB-3	306, 306A	567	3 - 4	0.5	21.00	0.50	10.50
I9-9-1-SB-4	312, 312A	518	3 - 4	0.91	19.17	0.91	17.45
I9-9-1-SB-5	309, 393	301	3 - 4	0.57	11.15	0.57	6.36
I9-9-9-SB-5	371	7	3 - 4	0.02	0.26	0.02	0.01
R84A165	324	234	3 - 4	4.3	8.67	4.30	37.30
R84A168	396	19	3 - 4	168	0.70	168.00	117.16
R84B100	401	182	3 - 4	0.4	6.74	0.40	2.69
R84B144	397	455	3 - 4	29	16.84	29.00	488.33
R84C116	337	836	3 - 4	16	30.96	16.00	495.37
Totals:	--	3,472	--	--	128.59	--	1,182.11
Volume-Weighted Average:							9.19

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	310, 399	354	4 - 5	0.53	13.10	0.53	6.95
I9-9-1-SB-3	306, 306A	567	4 - 5	0.5	21.00	0.50	10.50
I9-9-1-SB-4	312, 312A	518	4 - 5	0.91	19.17	0.91	17.45
I9-9-1-SB-5	309	298	4 - 5	0.57	11.03	0.57	6.29
I9-9-9-SB-5	371	7	4 - 5	0.02	0.26	0.02	0.01
I9-10-8-SB-1	392	3	4 - 5	0.022	0.12	0.02	0.003
R84A165	324	234	4 - 5	0.85	8.67	0.85	7.37
R84A168	395	19	4 - 5	64	0.70	64.00	44.63
R84B100	413	182	4 - 5	0.25	6.73	0.25	1.68
R84B144	396	455	4 - 5	26	16.84	26.00	437.81
R84C116	337, 369	836	4 - 5	13	30.96	13.00	402.49
Totals:	--	3,472	--	--	128.59	--	935.18
Volume-Weighted Average:							7.27

**TABLE D-2
EXISTING CONDITIONS
PARCEL I9-9-1: 1- TO X-FOOT [X=8] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	248	354	5 - 6	0.22	13.10	0.22	2.88
I9-9-1-SB-3	246, 246A	567	5 - 6	0.0245	21.00	0.02	0.51
I9-9-1-SB-4	249, 249A	518	5 - 6	0.058	19.17	0.06	1.11
I9-9-1-SB-5	247	301	5 - 6	0.037	11.15	0.04	0.41
I9-9-9-SB-5	291	7	5 - 6	0.0205	0.26	0.02	0.01
R84A165	259	234	5 - 6	0.85	8.67	0.85	7.37
R84A168	315	19	5 - 6	64	0.70	64.00	44.63
R84B100	319, 319A	182	5 - 6	0.25	6.74	0.25	1.68
R84B144	316	455	5 - 6	26	16.84	26.00	437.81
R84C116	272, 272A	836	5 - 6	13	30.96	13.00	402.49
Totals:	--	3,472	--	--	128.59	--	898.92
Volume-Weighted Average:							6.99

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	238	354	6 - 7	0.22	13.10	0.22	2.88
I9-9-1-SB-3	236, 236A	567	6 - 7	0.0245	21.00	0.02	0.51
I9-9-1-SB-4	239, 239A	518	6 - 7	0.058	19.17	0.06	1.11
I9-9-1-SB-5	237	301	6 - 7	0.037	11.15	0.04	0.41
I9-9-9-SB-5	278	7	6 - 7	0.0205	0.26	0.02	0.01
R84A165	249	234	6 - 7	6	8.67	6.00	52.05
R84A168	300	19	6 - 7	9	0.70	9.00	6.28
R84B100	304, 304A	182	6 - 7	0.25	6.74	0.25	1.68
R84B144	301	455	6 - 7	16	16.84	16.00	269.42
R84C116	262, 262A	836	6 - 7	7.9	30.96	7.90	244.59
Totals:	--	3,472	--	--	128.59	--	578.95
Volume-Weighted Average:							4.50

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	218	354	7 - 8	0.0315	13.10	0.03	0.41
I9-9-1-SB-2	220, 284	631	7 - 8	0.043	23.35	0.04	1.00
I9-9-9-SB-5	259	7	7 - 8	0.0305	0.26	0.03	0.01
R83E264	282	3	7 - 8	12.5	0.12	12.50	1.50
R84A165	231, 231A	650	7 - 8	6	24.07	6.00	144.39
R84A168	283, 283A	198	7 - 8	9	7.34	9.00	66.04
R84B100	287, 288	244	7 - 8	0.25	9.05	0.25	2.26
R84B144	230	1028	7 - 8	16	38.07	16.00	609.16
R84C116	244	357	7 - 8	7.9	13.23	7.90	104.50
Totals:	--	3,472	--	--	128.59	--	929.27
Volume-Weighted Average:							7.23

SUMMARY: 1- TO X-FOOT DEPTH [X=8] INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,472	--	--	900.14	--	11,684.16
Volume-Weighted Average:							12.98

Notes:

1. Polygon ID and area based on information shown on Figures D-42 through D-48.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-3
POST-REMEDATION CONDITIONS
PARCEL I9-9-1: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	533	141	0 - 0.5	0.021	2.62	0.02	0.06
I9-9-1-SB-3	530, 530A	244	0 - 0.5	0.021	4.52	0.02	0.09
I9-9-1-SB-5	532	296	0 - 0.5	0.021	5.48	0.02	0.12
I9-9-1-SS-1	650	166	0 - 0.5	0.021	3.07	0.02	0.06
I9-9-9-SS-2	627	23	0 - 0.5	0.021	0.42	0.02	0.01
I9-9-9-SS-3	625	123	0 - 0.5	0.021	2.28	0.02	0.05
R84A125	655	9	0 - 0.5	0.021	0.17	0.02	0.0035
R84A150	544, 544A	258	0 - 0.5	0.021	4.78	0.02	0.10
R84A165	545	119	0 - 0.5	0.021	2.19	0.02	0.05
R84A168	648	19	0 - 0.5	0.021	0.35	0.02	0.01
R84B100	654	86	0 - 0.5	0.021	1.60	0.02	0.03
R84B125	542, 542A, 542B	379	0 - 0.5	0.021	7.02	0.02	0.15
R84B134	543, 543A	335	0 - 0.5	0.021	6.21	0.02	0.13
R84B144	649	236	0 - 0.5	0.021	4.37	0.02	0.09
R84C075	627A	7	0 - 0.5	0.021	0.13	0.02	0.00
R84C100	540, 540A	164	0 - 0.5	0.021	3.04	0.02	0.06
R84C104	541, 541A	160	0 - 0.5	0.021	2.97	0.02	0.06
R84C116	581	332	0 - 0.5	0.021	6.14	0.02	0.13
SLB-8 Bottom Bank	575, 575A	121	0 - 0.5	0.021	2.23	0.02	0.05
SLB-8 Top Bank	580	255	0 - 0.5	0.021	4.73	0.02	0.10
Totals:	--	3,472	--	--	64.30	--	1.35
Volume-Weighted Average:						0.02	

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	524	141	0.5 - 1	0.021	2.62	0.02	0.06
I9-9-1-SB-3	521, 521A	256	0.5 - 1	0.021	4.73	0.02	0.10
I9-9-1-SB-5	523	296	0.5 - 1	0.021	5.48	0.02	0.12
I9-9-1-SS-1	661	166	0.5 - 1	0.021	3.07	0.02	0.06
I9-9-9-SS-2	614	23	0.5 - 1	0.021	0.42	0.02	0.01
I9-9-9-SS-3	612	123	0.5 - 1	0.021	2.28	0.02	0.05
R84A125	669	9	0.5 - 1	0.021	0.17	0.02	0.004
R84A150	537, 537A	536	0.5 - 1	0.021	9.93	0.02	0.21
R84A165	538, 538A	149	0.5 - 1	0.021	2.75	0.02	0.06
R84A168	659	19	0.5 - 1	0.021	0.35	0.02	0.01
R84B100	668	86	0.5 - 1	0.021	1.60	0.02	0.03
R84B125	535, 535A, 535B	379	0.5 - 1	0.021	7.02	0.02	0.15
R84B134	536	335	0.5 - 1	0.021	6.21	0.02	0.13
R84B144	660	291	0.5 - 1	0.021	5.39	0.02	0.11
R84C075	667	7	0.5 - 1	0.021	0.13	0.02	0.00
R84C100	533, 533A	164	0.5 - 1	0.021	3.04	0.02	0.06
R84C104	534, 534A	160	0.5 - 1	0.021	2.97	0.02	0.06
R84C116	575	332	0.5 - 1	0.021	6.14	0.02	0.13
Totals:	--	3,472	--	--	64.30	--	1.35
Volume-Weighted Average:						0.02	

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,472	--	--	128.60	--	2.70
Volume-Weighted Average:						0.02	

Notes:

- Polygon ID and area based on information shown on Figures D-40 and D-41.
- Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
- For instances where a duplicate sample was available, the average of the samples was included in table.
- All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.

The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

**TABLE D-4
POST-REMEDATION CONDITIONS
PARCEL I9-9-1: 1- TO X-FOOT [X=8] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-1	424	3	1 - 2	0.021	0.12	0.02	0.0025
I9-9-1-SB-1	342	354	1 - 2	0.021	13.10	0.02	0.28
I9-9-1-SB-3	338, 338A	567	1 - 2	0.021	21.00	0.02	0.44
I9-9-1-SB-4	344	518	1 - 2	0.021	19.17	0.02	0.40
I9-9-1-SB-5	341	298	1 - 2	0.021	11.03	0.02	0.23
I9-9-9-SB-5	389	7	1 - 2	0.021	0.26	0.02	0.01
R84A165	356	234	1 - 2	0.021	8.67	0.02	0.18
R84A168	426	19	1 - 2	0.021	0.70	0.02	0.01
R84B100	430	182	1 - 2	0.021	6.74	0.02	0.14
R84B144	427	455	1 - 2	0.021	16.84	0.02	0.35
R84C116	369	836	1 - 2	0.021	30.96	0.02	0.65
Totals:	--	3,472	--	--	128.59	--	2.70
Volume-Weighted Average:							0.02

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	381	354	2 - 3	0.021	13.10	0.02	0.28
I9-9-1-SB-3	377, 377A	567	2 - 3	0.021	21.00	0.02	0.44
I9-9-1-SB-4	383	518	2 - 3	0.021	19.17	0.02	0.40
I9-9-1-SB-5	380	298	2 - 3	0.021	11.03	0.02	0.23
I9-9-9-SB-5	428	7	2 - 3	0.021	0.26	0.02	0.01
I9-10-8-SB-1	463	3	2 - 3	0.021	0.12	0.02	0.002
R84A165	395	234	2 - 3	0.021	8.68	0.02	0.18
R84A168	465	19	2 - 3	0.021	0.70	0.02	0.01
R84B100	470	182	2 - 3	0.021	6.74	0.02	0.14
R84B144	466	455	2 - 3	0.021	16.84	0.02	0.35
R84C116	409	836	2 - 3	0.021	30.96	0.02	0.65
Totals:	--	3,472	--	--	128.59	--	2.70
Volume-Weighted Average:							0.02

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	400	354	3 - 4	0.021	13.10	0.02	0.28
I9-9-1-SB-3	306, 306A	567	3 - 4	0.021	21.00	0.02	0.44
I9-9-1-SB-4	312, 312A	518	3 - 4	0.021	19.17	0.02	0.40
I9-9-1-SB-5	309, 393	301	3 - 4	0.021	11.15	0.02	0.23
I9-9-9-SB-5	371	7	3 - 4	0.021	0.26	0.02	0.01
R84A165	324	234	3 - 4	0.021	8.67	0.02	0.18
R84A168	396	19	3 - 4	0.021	0.70	0.02	0.01
R84B100	401	182	3 - 4	0.021	6.74	0.02	0.14
R84B144	397	455	3 - 4	0.021	16.84	0.02	0.35
R84C116	337	836	3 - 4	0.021	30.96	0.02	0.65
Totals:	--	3,472	--	--	128.59	--	2.70
Volume-Weighted Average:							0.02

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	310, 399	354	4 - 5	0.021	13.10	0.02	0.28
I9-9-1-SB-3	306, 306A	567	4 - 5	0.021	21.00	0.02	0.44
I9-9-1-SB-4	312, 312A	518	4 - 5	0.021	19.17	0.02	0.40
I9-9-1-SB-5	309	298	4 - 5	0.021	11.03	0.02	0.23
I9-9-9-SB-5	371	7	4 - 5	0.021	0.26	0.02	0.01
I9-10-8-SB-1	392	3	4 - 5	0.021	0.12	0.02	0.002
R84A165	324	234	4 - 5	0.021	8.67	0.02	0.18
R84A168	395	19	4 - 5	0.021	0.70	0.02	0.01
R84B100	413	182	4 - 5	0.021	6.73	0.02	0.14
R84B144	396	455	4 - 5	0.021	16.84	0.02	0.35
R84C116	337, 369	836	4 - 5	0.021	30.96	0.02	0.65
Totals:	--	3,472	--	--	128.59	--	2.70
Volume-Weighted Average:							0.02

**TABLE D-4
POST-REMEDATION CONDITIONS
PARCEL I9-9-1: 1- TO X-FOOT [X=8] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	248	354	5 - 6	0.22	13.10	0.22	2.88
I9-9-1-SB-3	246, 246A	567	5 - 6	0.021	21.00	0.02	0.44
I9-9-1-SB-4	249, 249A	518	5 - 6	0.021	19.17	0.02	0.40
I9-9-1-SB-5	247	301	5 - 6	0.021	11.15	0.02	0.23
I9-9-9-SB-5	291	7	5 - 6	0.0205	0.26	0.02	0.01
R84A165	259	234	5 - 6	0.021	8.67	0.02	0.18
R84A168	315	19	5 - 6	0.021	0.70	0.02	0.01
R84B100	319	165	5 - 6	0.021	6.10	0.02	0.13
R84B100	319A	17	5 - 6	0.25	0.64	0.25	0.16
R84B144	316	455	5 - 6	0.021	16.84	0.02	0.35
R84C116	272	395	5 - 6	0.021	14.61	0.02	0.31
R84C116	272A	441	5 - 6	13	16.35	13.00	212.50
Totals:	--	3,472	--	--	128.59	--	217.61
Volume-Weighted Average:							1.69

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	238	354	6 - 7	0.22	13.10	0.22	2.88
I9-9-1-SB-3	236, 236A	567	6 - 7	0.021	21.00	0.02	0.44
I9-9-1-SB-4	239, 239A	518	6 - 7	0.021	19.17	0.02	0.40
I9-9-1-SB-5	237	301	6 - 7	0.021	11.15	0.02	0.23
I9-9-9-SB-5	278	7	6 - 7	0.0205	0.26	0.02	0.01
R84A165	249	234	6 - 7	0.021	8.67	0.02	0.18
R84A168	300	19	6 - 7	0.021	0.70	0.02	0.01
R84B100	304	164	6 - 7	0.021	6.06	0.02	0.13
R84B100	304A	18	6 - 7	0.25	0.67	0.25	0.17
R84B144	301	455	6 - 7	0.021	16.84	0.02	0.35
R84C116	262	395	6 - 7	0.021	14.61	0.02	0.31
R84C116	262A	441	6 - 7	7.9	16.35	7.90	129.14
Totals:	--	3,472	--	--	128.59	--	134.26
Volume-Weighted Average:							1.04

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	218	354	7 - 8	0.0315	13.10	0.03	0.41
I9-9-1-SB-2	220	83	7 - 8	0.043	3.06	0.04	0.13
I9-9-1-SB-2	284	548	7 - 8	0.021	20.30	0.02	0.43
I9-9-9-SB-5	259	7	7 - 8	0.0305	0.26	0.03	0.01
R83E264	282	3	7 - 8	12.5	0.12	12.50	1.50
R84A165	231	611	7 - 8	0.021	22.64	0.02	0.48
R84A165	231A	39	7 - 8	6	1.43	6.00	8.57
R84A168	283	167	7 - 8	9	6.18	9.00	55.61
R84A168	283A	31	7 - 8	0.021	1.16	0.02	0.02
R84B100	287	16	7 - 8	0.25	0.58	0.25	0.15
R84B100	288	229	7 - 8	0.021	8.47	0.02	0.18
R84B144	230	1028	7 - 8	0.021	38.07	0.02	0.80
R84C116	244	357	7 - 8	7.9	13.23	7.90	104.50
Totals:	--	3,472	--	--	128.59	--	172.78
Volume-Weighted Average:							1.34

SUMMARY: 1- TO X-FOOT DEPTH [X=8] INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,472	--	--	900.14	--	535.45
Volume-Weighted Average:							0.59

Notes:

1. Polygon ID and area based on information shown on Figures D-42 through D-48.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

ARCADIS

Parcel I9-9-9 (bank)

**TABLE D-5
EXISTING CONDITIONS
PARCEL I9-9-9: 0- TO 1 -FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	626	1	0 - 0.5	0.022	0.02	0.02	0.0004
I9-9-9-SB-1	702	88	0 - 0.5	16.7	1.63	16.70	27.15
I9-9-9-SB-2	537	417	0 - 0.5	12	7.73	12.00	92.75
I9-9-9-SB-3	528	477	0 - 0.5	57	8.84	57.00	503.78
I9-9-9-SB-4	701	2	0 - 0.5	0.36	0.03	0.36	0.01
I9-9-9-SS-1	531, 531A	340	0 - 0.5	0.39	6.29	0.39	2.45
I9-9-9-SS-2	534, 534A	428	0 - 0.5	0.47	7.93	0.47	3.73
I9-9-9-SS-3	529	200	0 - 0.5	117	3.70	117.00	433.24
I9-9-11-SB-6	651	75	0 - 0.5	1.24	1.39	1.24	1.72
Totals:	--	2,028	--	--	37.56	--	1,064.84
Volume-Weighted Average:							28.35

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	613	1	0.5 - 1	0.022	0.02	0.02	0.0004
I9-9-9-SB-1	663	88	0.5 - 1	16.7	1.63	16.70	27.15
I9-9-9-SB-2	530	417	0.5 - 1	12	7.73	12.00	92.75
I9-9-9-SB-3	519	477	0.5 - 1	57	8.84	57.00	503.78
I9-9-9-SB-4	690	2	0.5 - 1	0.36	0.03	0.36	0.01
I9-9-9-SS-1	522, 522A	340	0.5 - 1	0.39	6.29	0.39	2.45
I9-9-9-SS-2	525, 525A	428	0.5 - 1	0.47	7.93	0.47	3.73
I9-9-9-SS-3	520	200	0.5 - 1	117	3.70	117.00	433.24
I9-9-11-SB-6	662	75	0.5 - 1	1.24	1.39	1.24	1.72
Totals:	--	2,028	--	--	37.56	--	1,064.84
Volume-Weighted Average:							28.35

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	2,028	--	--	75.12	--	2,129.68
Volume-Weighted Average:							28.35

Notes:

1. Polygon ID and area based on information shown on Figures D-40 and D-41.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-6
EXISTING CONDITIONS
PARCEL I9-9-9: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	387	147	1 - 2	0.0175	5.44	0.02	0.10
I9-9-9-SB-1	446	130	1 - 2	60	4.83	60.00	289.56
I9-9-9-SB-2	352	646	1 - 2	1.8	23.94	1.80	43.09
I9-9-9-SB-3	447	773	1 - 2	36	28.64	36.00	1,031
I9-9-9-SB-4	443	2	1 - 2	0.12	0.06	0.12	0.01
I9-9-9-SB-5	388	125	1 - 2	0.241	4.64	0.24	1.12
I9-9-11-SB-6 (BH001034)	428, 428A	143	1 - 2	6.9	5.30	6.90	36.59
R84C116	386	61	1 - 2	30	2.26	30.00	67.90
Totals:	--	2,028	--	--	75.11	--	1,469.38
Volume-Weighted Average:							19.56

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	426	147	2 - 3	0.0175	5.44	0.02	0.10
I9-9-9-SB-1	468	130	2 - 3	60	4.83	60.00	289.56
I9-9-9-SB-2	391	646	2 - 3	1.8	23.94	1.80	43.09
I9-9-9-SB-3	376	773	2 - 3	36	28.64	36.00	1,031.02
I9-9-9-SB-4	485	2	2 - 3	0.12	0.06	0.12	0.01
I9-9-9-SB-5	427	125	2 - 3	0.241	4.64	0.24	1.12
I9-9-11-SB-6 (BH001034)	467, 467A	143	2 - 3	6.9	5.30	6.90	36.59
R84C116	425	61	2 - 3	16	2.26	16.00	36.21
Totals:	--	2,028	--	--	75.11	--	1,437.69
Volume-Weighted Average:							19.14

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	370	147	3 - 4	0.53	5.44	0.53	2.88
I9-9-9-SB-1	361	257	3 - 4	2.03	9.51	2.03	19.30
I9-9-9-SB-2	320	663	3 - 4	5.9	24.56	5.90	144.91
I9-9-9-SB-3	305	773	3 - 4	6.5	28.64	6.50	186.16
I9-9-9-SB-4	364	2	3 - 4	0.021	0.06	0.02	0.001
I9-9-9-SB-5	366	125	3 - 4	0.02	4.64	0.02	0.09
R84C116	368	61	3 - 4	16	2.26	16.00	36.21
Totals:	--	2,028	--	--	75.11	--	389.56
Volume-Weighted Average:							5.19

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	370	147	4 - 5	0.53	5.44	0.53	2.88
I9-9-9-SB-1	361	257	4 - 5	2.03	9.51	2.03	19.30
I9-9-9-SB-2	320	663	4 - 5	5.9	24.56	5.90	144.91
I9-9-9-SB-3	305	773	4 - 5	6.5	28.64	6.50	186.16
I9-9-9-SB-4	363, 364	2	4 - 5	0.021	0.06	0.02	0.001
I9-9-9-SB-5	366	125	4 - 5	0.02	4.64	0.02	0.09
R84C116	367, 368	61	4 - 5	13	2.26	13.00	29.42
Totals:	--	2,028	--	--	75.11	--	382.76
Volume-Weighted Average:							5.10

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	290	147	5 - 6	0.22	5.44	0.22	1.20
I9-9-9-SB-1	283	257	5 - 6	3.8	9.51	3.80	36.12
I9-9-9-SB-2	257	663	5 - 6	31.4	24.56	31.40	771.23
I9-9-9-SB-3	245, 317	773	5 - 6	0.099	28.64	0.10	2.84
I9-9-9-SB-4	285, 286	2	5 - 6	0.022	0.06	0.02	0.001
I9-9-9-SB-5	288	125	5 - 6	0.0205	4.64	0.02	0.10
R84C116	289	61	5 - 6	13	2.26	13.00	29.42
Totals:	--	2,028	--	--	75.11	--	840.91
Volume-Weighted Average:							11.19

**TABLE D-6
EXISTING CONDITIONS
PARCEL I9-9-9: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	277	147	6 - 7	0.22	5.44	0.22	1.20
I9-9-9-SB-1	270	257	6 - 7	3.8	9.51	3.80	36.12
I9-9-9-SB-2	247	663	6 - 7	31.4	24.56	31.40	771.23
I9-9-9-SB-3	235, 302	773	6 - 7	0.099	28.64	0.10	2.84
I9-9-9-SB-4	272, 273	2	6 - 7	0.022	0.06	0.02	0.001
I9-9-9-SB-5	275	125	6 - 7	0.0205	4.64	0.02	0.10
R84C116	276	61	6 - 7	7.9	2.26	7.90	17.88
Totals:	--	2,028	--	--	75.11	--	829.36
Volume-Weighted Average:							11.04

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	258	147	7 - 8	0.0315	5.44	0.03	0.17
I9-9-9-SB-1	251	257	7 - 8	9.7	9.51	9.70	92.21
I9-9-9-SB-2	227	663	7 - 8	36.5	24.56	36.50	896.49
I9-9-9-SB-3	217, 285	773	7 - 8	0.565	28.64	0.57	16.18
I9-9-9-SB-4	253, 254	2	7 - 8	0.0345	0.06	0.03	0.002
I9-9-9-SB-5	256	125	7 - 8	0.0305	4.64	0.03	0.14
R84C116	257	61	7 - 8	7.9	2.26	7.90	17.88
Totals:	--	2,028	--	--	75.11	--	1,023.08
Volume-Weighted Average:							13.62

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	67	191	8 - 9	0.0315	7.08	0.03	0.22
I9-9-1-SB-2	20	14	8 - 9	0.043	0.53	0.04	0.02
I9-9-9-SB-1	55	257	8 - 9	9.7	9.51	9.70	92.21
I9-9-9-SB-2	106	663	8 - 9	36.5	24.56	36.50	896.49
I9-9-9-SB-3	27, 27A	776	8 - 9	0.565	28.73	0.57	16.23
I9-9-9-SB-4	108, 108A	2	8 - 9	0.0345	0.06	0.03	0.002
I9-9-9-SB-5	56	125	8 - 9	0.0305	4.64	0.03	0.14
Totals:	--	2,028	--	--	75.11	--	1,005.33
Volume-Weighted Average:							13.38

SUMMARY: 1- TO X-FOOT DEPTH [X=9] INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	2,028	--	--	600.92	--	7,378.06
Volume-Weighted Average:							12.28

Notes:

1. Polygon ID and area based on information shown on Figures D-42 through D-49.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-7
POST-REMEDATION CONDITIONS
PARCEL I9-9-9: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	626	1	0 - 0.5	0.021	0.02	0.02	0.0004
I9-9-9-SB-1	702	88	0 - 0.5	0.021	1.63	0.02	0.03
I9-9-9-SB-2	537	417	0 - 0.5	0.021	7.73	0.02	0.16
I9-9-9-SB-3	528	477	0 - 0.5	0.021	8.84	0.02	0.19
I9-9-9-SB-4	701	2	0 - 0.5	0.021	0.03	0.02	0.00
I9-9-9-SS-1	531, 531A	340	0 - 0.5	0.021	6.29	0.02	0.13
I9-9-9-SS-2	534, 534A	428	0 - 0.5	0.021	7.93	0.02	0.17
I9-9-9-SS-3	529	200	0 - 0.5	0.021	3.70	0.02	0.08
I9-9-11-SB-6	651	75	0 - 0.5	0.021	1.39	0.02	0.03
Totals:	--	2,028	--	--	37.56	--	0.79
Volume-Weighted Average:							0.02

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	613	1	0.5 - 1	0.021	0.02	0.02	0.0004
I9-9-9-SB-1	663	88	0.5 - 1	0.021	1.63	0.02	0.03
I9-9-9-SB-2	530	417	0.5 - 1	0.021	7.73	0.02	0.16
I9-9-9-SB-3	519	477	0.5 - 1	0.021	8.84	0.02	0.19
I9-9-9-SB-4	690	2	0.5 - 1	0.021	0.03	0.02	0.00
I9-9-9-SS-1	522, 522A	340	0.5 - 1	0.021	6.29	0.02	0.13
I9-9-9-SS-2	525, 525A	428	0.5 - 1	0.021	7.93	0.02	0.17
I9-9-9-SS-3	520	200	0.5 - 1	0.021	3.70	0.02	0.08
I9-9-11-SB-6	662	75	0.5 - 1	0.021	1.39	0.02	0.03
Totals:	--	2,028	--	--	37.56	--	0.79
Volume-Weighted Average:							0.02

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	2,028	--	--	75.12	--	1.58
Volume-Weighted Average:							0.02

Notes:

1. Polygon ID and area based on information shown on Figures D-40 and D-41.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-8
POST-REMEDATION CONDITIONS
PARCEL I9-9-9: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	387	147	1 - 2	0.021	5.44	0.02	0.11
I9-9-9-SB-1	446	130	1 - 2	0.021	4.83	0.02	0.10
I9-9-9-SB-2	352	646	1 - 2	0.021	23.94	0.02	0.50
I9-9-9-SB-3	447	773	1 - 2	0.021	28.64	0.02	0.60
I9-9-9-SB-4	443	2	1 - 2	0.021	0.06	0.02	0.00
I9-9-9-SB-5	388	125	1 - 2	0.021	4.64	0.02	0.10
I9-9-11-SB-6 (BH001034)	428, 428A	143	1 - 2	0.021	5.30	0.02	0.11
R84C116	386	61	1 - 2	0.021	2.26	0.02	0.05
Totals:	--	2,028	--	--	75.11	--	1.58
Volume-Weighted Average:						0.02	

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	426	147	2 - 3	0.021	5.44	0.02	0.11
I9-9-9-SB-1	468	130	2 - 3	0.021	4.83	0.02	0.10
I9-9-9-SB-2	391	646	2 - 3	0.021	23.94	0.02	0.50
I9-9-9-SB-3	376	773	2 - 3	0.021	28.64	0.02	0.60
I9-9-9-SB-4	485	2	2 - 3	0.021	0.06	0.02	0.00
I9-9-9-SB-5	427	125	2 - 3	0.021	4.64	0.02	0.10
I9-9-11-SB-6 (BH001034)	467, 467A	143	2 - 3	0.021	5.30	0.02	0.11
R84C116	425	61	2 - 3	0.021	2.26	0.02	0.05
Totals:	--	2,028	--	--	75.11	--	1.58
Volume-Weighted Average:						0.02	

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	370	147	3 - 4	0.021	5.44	0.02	0.11
I9-9-9-SB-1	361	257	3 - 4	0.021	9.51	0.02	0.20
I9-9-9-SB-2	320	663	3 - 4	0.021	24.56	0.02	0.52
I9-9-9-SB-3	305	773	3 - 4	0.021	28.64	0.02	0.60
I9-9-9-SB-4	364	2	3 - 4	0.021	0.06	0.02	0.001
I9-9-9-SB-5	366	125	3 - 4	0.021	4.64	0.02	0.10
R84C116	368	61	3 - 4	0.021	2.26	0.02	0.05
Totals:	--	2,028	--	--	75.11	--	1.58
Volume-Weighted Average:						0.02	

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	370	147	4 - 5	0.021	5.44	0.02	0.11
I9-9-9-SB-1	361	257	4 - 5	0.021	9.51	0.02	0.20
I9-9-9-SB-2	320	663	4 - 5	0.021	24.56	0.02	0.52
I9-9-9-SB-3	305	773	4 - 5	0.021	28.64	0.02	0.60
I9-9-9-SB-4	363, 364	2	4 - 5	0.021	0.06	0.02	0.001
I9-9-9-SB-5	366	125	4 - 5	0.021	4.64	0.02	0.10
R84C116	367, 368	61	4 - 5	0.021	2.26	0.02	0.05
Totals:	--	2,028	--	--	75.11	--	1.58
Volume-Weighted Average:						0.02	

**TABLE D-8
POST-REMEDATION CONDITIONS
PARCEL I9-9-9: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	290	147	5 - 6	0.22	5.44	0.22	1.20
I9-9-9-SB-1	283	257	5 - 6	0.021	9.51	0.02	0.20
I9-9-9-SB-2	257	663	5 - 6	0.021	24.56	0.02	0.52
I9-9-9-SB-3	245	758	5 - 6	0.099	28.07	0.10	2.78
I9-9-9-SB-3	317	15	5 - 6	0.021	0.57	0.02	0.01
I9-9-9-SB-4	285	1	5 - 6	0.022	0.03	0.02	0.001
I9-9-9-SB-4	286	1	5 - 6	0.021	0.03	0.02	0.001
I9-9-9-SB-5	288	125	5 - 6	0.0205	4.64	0.02	0.10
R84C116	289	61	5 - 6	13	2.26	13.00	29.42
Totals:	--	2,028	--	--	75.11	--	34.22
Volume-Weighted Average:							0.46

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	277	147	6 - 7	0.22	5.44	0.22	1.20
I9-9-9-SB-1	270	257	6 - 7	0.021	9.51	0.02	0.20
I9-9-9-SB-2	247	663	6 - 7	0.021	24.56	0.02	0.52
I9-9-9-SB-3	235	758	6 - 7	0.099	28.07	0.10	2.78
I9-9-9-SB-3	302	15	6 - 7	0.021	0.57	0.02	0.01
I9-9-9-SB-4	272	1	6 - 7	0.022	0.03	0.02	0.001
I9-9-9-SB-4	273	1	6 - 7	0.021	0.03	0.02	0.001
I9-9-9-SB-5	275	125	6 - 7	0.0205	4.64	0.02	0.10
R84C116	276	61	6 - 7	7.9	2.26	7.90	17.88
Totals:	--	2,028	--	--	75.11	--	22.68
Volume-Weighted Average:							0.30

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	258	147	7 - 8	0.0315	5.44	0.03	0.17
I9-9-9-SB-1	251	257	7 - 8	0.021	9.51	0.02	0.20
I9-9-9-SB-2	227	663	7 - 8	0.021	24.56	0.02	0.52
I9-9-9-SB-3	217	758	7 - 8	0.565	28.07	0.57	15.86
I9-9-9-SB-3	285	15	7 - 8	0.021	0.57	0.02	0.01
I9-9-9-SB-4	253	1	7 - 8	0.0345	0.03	0.03	0.001
I9-9-9-SB-4	254	1	7 - 8	0.021	0.03	0.02	0.001
I9-9-9-SB-5	256	125	7 - 8	0.0305	4.64	0.03	0.14
R84C116	257	61	7 - 8	7.9	2.26	7.90	17.88
Totals:	--	2,028	--	--	75.11	--	34.78
Volume-Weighted Average:							0.46

**TABLE D-8
POST-REMEDATION CONDITIONS
PARCEL I9-9-9: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-1	67	191	8 - 9	0.0315	7.08	0.03	0.22
I9-9-1-SB-2	20	14	8 - 9	0.043	0.53	0.04	0.02
I9-9-9-SB-1	55	257	8 - 9	0.021	9.51	0.02	0.20
I9-9-9-SB-2	106	663	8 - 9	0.021	24.56	0.02	0.52
I9-9-9-SB-3	27	760	8 - 9	0.565	28.16	0.57	15.91
I9-9-9-SB-3	27A	15	8 - 9	0.021	0.57	0.02	0.01
I9-9-9-SB-4	108	1	8 - 9	0.0345	0.03	0.03	0.001
I9-9-9-SB-4	108A	1	8 - 9	0.021	0.03	0.02	0.001
I9-9-9-SB-5	56	125	8 - 9	0.0305	4.64	0.03	0.14
Totals:	--	2,028	--	--	75.11	--	17.03
						Volume-Weighted Average:	0.23

SUMMARY: 1- TO X-FOOT DEPTH [X=9] INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	2,028	--	--	600.92	--	115.02
						Volume-Weighted Average:	0.19

Notes:

1. Polygon ID and area based on information shown on Figures D-42 through D-49.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

ARCADIS

Parcel I9-9-9 (non-bank)

**TABLE D-9
EXISTING CONDITIONS
PARCEL I9-9-9: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	539, 539A	608	0 - 0.5	16.7	11.26	16.70	187.98
I9-9-9-SB-2	699	187	0 - 0.5	12	3.47	12.00	41.59
I9-9-9-SB-3	703	37	0 - 0.5	57	0.68	57.00	38.65
I9-9-9-SB-4	536, 536A	620	0 - 0.5	0.36	11.49	0.36	4.13
I9-9-9-SB-5	653A	142	0 - 0.5	0.62	2.63	0.62	1.63
I9-9-9-SB-8	652, 652A	203	0 - 0.5	0.35	3.76	0.35	1.32
I9-9-9-SS-1	700	15	0 - 0.5	0.39	0.28	0.39	0.11
I9-9-9-SS-2	653, 653B	238	0 - 0.5	0.47	4.40	0.47	2.07
Totals:	--	2,050	--	--	37.96	--	277.49
Volume-Weighted Average:							7.31

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	532, 532A	608	0.5 - 1	16.7	11.26	16.70	187.98
I9-9-9-SB-2	691	187	0.5 - 1	12	3.47	12.00	41.59
I9-9-9-SB-3	689	37	0.5 - 1	57	0.68	57.00	38.65
I9-9-9-SB-4	528, 528A	620	0.5 - 1	0.36	11.49	0.36	4.13
I9-9-9-SB-5	666	142	0.5 - 1	0.62	2.63	0.62	1.63
I9-9-9-SB-8	664, 664A	203	0.5 - 1	0.35	3.76	0.35	1.32
I9-9-9-SS-1	692	15	0.5 - 1	0.39	0.28	0.39	0.11
I9-9-9-SS-2	665, 665A	238	0.5 - 1	0.47	4.40	0.47	2.07
Totals:	--	2,050	--	--	37.96	--	277.49
Volume-Weighted Average:							7.31

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	2,050	--	--	75.93	--	554.97
Volume-Weighted Average:							7.31

Notes:

1. Polygon ID and area based on information shown on Figures D-40 and D-41.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-10
EXISTING CONDITIONS
PARCEL I9-9-9: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	355, 355A	613	1 - 2	60	22.71	60.00	1,362.51
I9-9-9-SB-2	445	197	1 - 2	1.8	7.30	1.80	13.14
I9-9-9-SB-3	444	87	1 - 2	36	3.21	36.00	115.39
I9-9-9-SB-4	349, 349A	638	1 - 2	0.12	23.65	0.12	2.84
I9-9-9-SB-5	351, 351A	312	1 - 2	0.241	11.54	0.24	2.78
I9-9-9-SB-8	429, 429A	203	1 - 2	0.021	7.53	0.02	0.16
Totals:	--	2,050	--	--	75.93	--	1,496.81
Volume-Weighted Average:							19.71

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	394, 394A	613	2 - 3	60	22.71	60.00	1,362.51
I9-9-9-SB-2	483	197	2 - 3	1.8	7.30	1.80	13.14
I9-9-9-SB-3	484	87	2 - 3	36	3.21	36.00	115.39
I9-9-9-SB-4	388, 388A	638	2 - 3	0.12	23.65	0.12	2.84
I9-9-9-SB-5	390, 390A	312	2 - 3	0.241	11.54	0.24	2.78
I9-9-9-SB-8	469, 469A	203	2 - 3	0.021	7.53	0.02	0.16
Totals:	--	2,050	--	--	75.93	--	1,496.81
Volume-Weighted Average:							19.71

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	323, 323A	613	3 - 4	2.03	22.71	2.03	46.10
I9-9-9-SB-2	362	197	3 - 4	5.9	7.30	5.90	43.06
I9-9-9-SB-3	365	86	3 - 4	6.5	3.20	6.50	20.81
I9-9-9-SB-4	317, 317A	638	3 - 4	0.021	23.64	0.02	0.50
I9-9-9-SB-5	319	312	3 - 4	0.020	11.54	0.02	0.23
I9-9-9-SB-8	399, 399A	203	3 - 4	0.02175	7.53	0.02	0.16
Totals:	--	2,050	--	--	75.92	--	110.86
Volume-Weighted Average:							1.46

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	323, 323A	613	4 - 5	2.03	22.71	2.03	46.10
I9-9-9-SB-2	362	197	4 - 5	5.9	7.30	5.90	43.06
I9-9-9-SB-3	365	87	4 - 5	6.5	3.21	6.50	20.83
I9-9-9-SB-4	317, 317A	638	4 - 5	0.021	23.65	0.02	0.50
I9-9-9-SB-5	319	312	4 - 5	0.020	11.54	0.02	0.23
I9-9-9-SB-8	398, 398A	203	4 - 5	0.02175	7.53	0.02	0.16
Totals:	--	2,050	--	--	75.93	--	110.88
Volume-Weighted Average:							1.46

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	258, 258A	613	5 - 6	3.8	22.71	3.80	86.29
I9-9-9-SB-2	284	197	5 - 6	31.4	7.30	31.40	229.15
I9-9-9-SB-3	287	87	5 - 6	0.099	3.21	0.10	0.32
I9-9-9-SB-4	254, 254A	638	5 - 6	0.022	23.65	0.02	0.52
I9-9-9-SB-5	256	312	5 - 6	0.0205	11.54	0.02	0.24
I9-9-9-SB-8	318, 318A	203	5 - 6	0.022	7.53	0.02	0.17
Totals:	--	2,050	--	--	75.93	--	316.68
Volume-Weighted Average:							4.17

**TABLE D-10
EXISTING CONDITIONS
PARCEL I9-9-9: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	248, 248A	613	6 - 7	3.8	22.71	3.80	86.29
I9-9-9-SB-2	271	197	6 - 7	31.4	7.30	31.40	229.15
I9-9-9-SB-3	274	87	6 - 7	0.022	3.21	0.02	0.07
I9-9-9-SB-4	244, 244A	638	6 - 7	0.099	23.65	0.10	2.34
I9-9-9-SB-5	246	312	6 - 7	0.0205	11.54	0.02	0.24
I9-9-9-SB-8	303	203	6 - 7	0.022	7.53	0.02	0.17
Totals:	--	2,050	--	--	75.93	--	318.25
Volume-Weighted Average:						4.19	

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	228, 228A	613	7 - 8	9.7	22.71	9.70	220.27
I9-9-9-SB-2	252	197	7 - 8	36.5	7.30	36.50	266.37
I9-9-9-SB-3	255	87	7 - 8	0.57	3.21	0.57	1.83
I9-9-9-SB-4	224, 224A	638	7 - 8	0.0345	23.65	0.03	0.82
I9-9-9-SB-5	226	312	7 - 8	0.0305	11.54	0.03	0.35
I9-9-9-SB-8	286	203	7 - 8	0.022	7.53	0.02	0.17
Totals:	--	2,050	--	--	75.93	--	489.80
Volume-Weighted Average:						6.45	

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	54, 54A	613	8 - 9	9.7	22.71	9.70	220.27
I9-9-9-SB-2	105	197	8 - 9	36.5	7.29	36.50	266.02
I9-9-9-SB-3	107C	87	8 - 9	0.57	3.21	0.57	1.83
I9-9-9-SB-4	107, 107A	638	8 - 9	0.0345	23.65	0.03	0.82
I9-9-9-SB-5	107B	312	8 - 9	0.0305	11.54	0.03	0.35
I9-9-9-SB-8	110	203	8 - 9	0.022	7.53	0.02	0.17
Totals:	--	2,050	--	--	75.92	--	489.45
Volume-Weighted Average:						6.45	

9- TO 10-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	94	613	9 - 10	1.23	22.71	1.23	27.93
I9-9-9-SB-2	48	197	9 - 10	0.073	7.30	0.07	0.53
I9-9-9-SB-4	4	699	9 - 10	0.0255	25.89	0.03	0.66
I9-9-9-SB-5	4A	338	9 - 10	0.021	12.51	0.02	0.26
I9-9-9-SB-8	32	203	9 - 10	0.0205	7.53	0.02	0.15
Totals:	--	2,050	--	--	75.93	--	29.54
Volume-Weighted Average:						0.39	

10- TO 11-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	47	613	10 - 11	1.23	22.71	1.23	27.93
I9-9-9-SB-2	88	197	10 - 11	0.073	7.30	0.07	0.53
I9-9-9-SB-3	90A	87	10 - 11	0.073	3.21	0.07	0.23
I9-9-9-SB-4	90	639	10 - 11	0.0255	23.65	0.03	0.60
I9-9-9-SB-5	90B	312	10 - 11	0.021	11.54	0.02	0.24
I9-9-9-SB-8	93	203	10 - 11	0.0205	7.53	0.02	0.15
Totals:	--	2,050	--	--	75.93	--	29.70
Volume-Weighted Average:						0.39	

**TABLE D-10
EXISTING CONDITIONS
PARCEL I9-9-9: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 1- TO X-FOOT DEPTH [X=11] INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	2,050	--	--	759.28	--	4,888.78
Volume-Weighted Average:							6.44

Notes:

1. Polygon ID and area based on information shown on Figures D-42 through D-51.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-11
POST-REMEDATION CONDITIONS
PARCEL I9-9-9: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	539, 539A	608	0 - 0.5	0.021	11.26	0.02	0.24
I9-9-9-SB-2	699	187	0 - 0.5	0.021	3.47	0.02	0.07
I9-9-9-SB-3	703	37	0 - 0.5	0.021	0.68	0.02	0.01
I9-9-9-SB-4	536	329	0 - 0.5	0.021	6.09	0.02	0.13
I9-9-9-SB-4	536A	292	0 - 0.5	0.36	5.40	0.36	1.94
I9-9-9-SB-5	653A	142	0 - 0.5	0.62	2.63	0.62	1.63
I9-9-9-SB-8	652	126	0 - 0.5	0.35	2.33	0.35	0.82
I9-9-9-SB-8	652A	78	0 - 0.5	0.021	1.44	0.02	0.03
I9-9-9-SS-1	700	15	0 - 0.5	0.021	0.28	0.02	0.01
I9-9-9-SS-2	653	83	0 - 0.5	0.021	1.55	0.02	0.03
I9-9-9-SS-2	653B	154	0 - 0.5	0.47	2.86	0.47	1.34
Totals:	--	2,050	--	--	37.96	--	6.25
Volume-Weighted Average:							0.16

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	532,532A	608	0.5 - 1	0.021	11.26	0.02	0.24
I9-9-9-SB-2	691	187	0.5 - 1	0.021	3.47	0.02	0.07
I9-9-9-SB-3	689	37	0.5 - 1	0.021	0.68	0.02	0.01
I9-9-9-SB-4	528	329	0.5 - 1	0.021	6.09	0.02	0.13
I9-9-9-SB-4	528A	292	0.5 - 1	0.36	5.40	0.36	1.94
I9-9-9-SB-5	666	142	0.5 - 1	0.62	2.63	0.62	1.63
I9-9-9-SB-8	664	126	0.5 - 1	0.35	2.33	0.35	0.82
I9-9-9-SB-8	664A	78	0.5 - 1	0.021	1.44	0.02	0.03
I9-9-9-SS-1	692	15	0.5 - 1	0.021	0.28	0.02	0.01
I9-9-9-SS-2	665	83	0.5 - 1	0.021	1.55	0.02	0.03
I9-9-9-SS-2	665A	154	0.5 - 1	0.47	2.86	0.47	1.34
Totals:	--	2,050	--	--	37.96	--	6.25
Volume-Weighted Average:							0.16

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	2,050	--	--	75.93	--	12.50
Volume-Weighted Average:							0.16

Notes:

- Polygon ID and area based on information shown on Figures D-40 and D-41.
- For instances where a duplicate sample was available, the average of the samples was included in table.
- All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

**TABLE D-12
POST-REMEDATION CONDITIONS
PARCEL I9-9-9: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	355, 355A	613	1 - 2	0.021	22.71	0.02	0.48
I9-9-9-SB-2	445	197	1 - 2	0.021	7.30	0.02	0.15
I9-9-9-SB-3	444	87	1 - 2	0.021	3.21	0.02	0.07
I9-9-9-SB-4	349	338	1 - 2	0.021	12.52	0.02	0.26
I9-9-9-SB-4	349A	300	1 - 2	0.12	11.12	0.12	1.33
I9-9-9-SB-5	351	288	1 - 2	0.241	10.65	0.24	2.57
I9-9-9-SB-5	351A	24	1 - 2	0.021	0.89	0.02	0.02
I9-9-9-SB-8	429	126	1 - 2	0.021	4.66	0.02	0.10
I9-9-9-SB-8	429A	78	1 - 2	0.021	2.87	0.02	0.06
Totals:	--	2,050	--	--	75.93	--	5.04
Volume-Weighted Average:							0.07

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	394, 394A	613	2 - 3	0.021	22.71	0.02	0.48
I9-9-9-SB-2	483	197	2 - 3	0.021	7.30	0.02	0.15
I9-9-9-SB-3	484	87	2 - 3	0.021	3.21	0.02	0.07
I9-9-9-SB-4	388	338	2 - 3	0.021	12.52	0.02	0.26
I9-9-9-SB-4	388A	300	2 - 3	0.12	11.12	0.12	1.33
I9-9-9-SB-5	390	288	2 - 3	0.241	10.65	0.24	2.57
I9-9-9-SB-5	390A	24	2 - 3	0.021	0.89	0.02	0.02
I9-9-9-SB-8	469	126	2 - 3	0.021	4.66	0.02	0.10
I9-9-9-SB-8	469A	78	2 - 3	0.021	2.87	0.02	0.06
Totals:	--	2,050	--	--	75.93	--	5.04
Volume-Weighted Average:							0.07

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	323	414	3 - 4	2.03	15.35	2.03	31.15
I9-9-9-SB-1	323A	199	3 - 4	0.021	7.36	0.02	0.15
I9-9-9-SB-2	362	197	3 - 4	0.021	7.30	0.02	0.15
I9-9-9-SB-3	365	86	3 - 4	6.5	3.20	6.50	20.81
I9-9-9-SB-4	317	84	3 - 4	0.021	3.10	0.02	0.07
I9-9-9-SB-4	317A	555	3 - 4	0.021	20.54	0.02	0.43
I9-9-9-SB-5	319	312	3 - 4	0.020	11.54	0.02	0.23
I9-9-9-SB-8	399	126	3 - 4	0.02175	4.66	0.02	0.10
I9-9-9-SB-8	399A	78	3 - 4	0.021	2.87	0.02	0.06
Totals:	--	2,050	--	--	75.92	--	53.16
Volume-Weighted Average:							0.70

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	323	414	4 - 5	2.03	15.35	2.03	31.15
I9-9-9-SB-1	323A	199	4 - 5	0.021	7.36	0.02	0.15
I9-9-9-SB-2	362	197	4 - 5	0.021	7.30	0.02	0.15
I9-9-9-SB-3	365	87	4 - 5	6.5	3.21	6.50	20.83
I9-9-9-SB-4	317	84	4 - 5	0.021	3.10	0.02	0.07
I9-9-9-SB-4	317A	555	4 - 5	0.021	20.54	0.02	0.43
I9-9-9-SB-5	319	312	4 - 5	0.020	11.54	0.02	0.23
I9-9-9-SB-8	398	126	4 - 5	0.02175	4.66	0.02	0.10
I9-9-9-SB-8	398A	78	4 - 5	0.021	2.87	0.02	0.06
Totals:	--	2,050	--	--	75.93	--	53.18
Volume-Weighted Average:							0.70

**TABLE D-12
POST-REMEDATION CONDITIONS
PARCEL I9-9-9: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	258	414	5 - 6	3.8	15.35	3.80	58.31
I9-9-9-SB-1	258A	199	5 - 6	0.021	7.36	0.02	0.15
I9-9-9-SB-2	284	197	5 - 6	0.021	7.30	0.02	0.15
I9-9-9-SB-3	287	87	5 - 6	0.099	3.21	0.10	0.32
I9-9-9-SB-4	254	84	5 - 6	0.021	3.10	0.02	0.07
I9-9-9-SB-4	254A	555	5 - 6	0.022	20.54	0.02	0.45
I9-9-9-SB-5	256	312	5 - 6	0.0205	11.54	0.02	0.24
I9-9-9-SB-8	318	126	5 - 6	0.022	4.66	0.02	0.10
I9-9-9-SB-8	318A	78	5 - 6	0.021	2.87	0.02	0.06
Totals:	--	2,050	--	--	75.93	--	59.85
Volume-Weighted Average:							0.79

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	248	96	6 - 7	0.021	3.56	0.02	0.07
I9-9-9-SB-1	248A	517	6 - 7	3.8	19.15	3.80	72.76
I9-9-9-SB-2	271	197	6 - 7	0.021	7.30	0.02	0.15
I9-9-9-SB-3	274	87	6 - 7	0.022	3.21	0.02	0.07
I9-9-9-SB-4	244	84	6 - 7	0.021	3.10	0.02	0.07
I9-9-9-SB-4	244A	555	6 - 7	0.099	20.54	0.10	2.03
I9-9-9-SB-5	246	312	6 - 7	0.0205	11.54	0.02	0.24
I9-9-9-SB-8	303	203	6 - 7	0.022	7.53	0.02	0.17
Totals:	--	2,050	--	--	75.93	--	75.56
Volume-Weighted Average:							1.00

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	228	96	7 - 8	0.021	3.56	0.02	0.07
I9-9-9-SB-1	228A	517	7 - 8	9.7	19.15	9.70	185.74
I9-9-9-SB-2	252	197	7 - 8	0.021	7.30	0.02	0.15
I9-9-9-SB-3	255	87	7 - 8	0.57	3.21	0.57	1.83
I9-9-9-SB-4	224	84	7 - 8	0.021	3.10	0.02	0.07
I9-9-9-SB-4	224A	555	7 - 8	0.0345	20.54	0.03	0.71
I9-9-9-SB-5	226	312	7 - 8	0.0305	11.54	0.03	0.35
I9-9-9-SB-8	286	203	7 - 8	0.022	7.53	0.02	0.17
Totals:	--	2,050	--	--	75.93	--	189.08
Volume-Weighted Average:							2.49

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	54	96	8 - 9	0.021	3.56	0.02	0.07
I9-9-9-SB-1	54A	517	8 - 9	9.7	19.15	9.70	185.74
I9-9-9-SB-2	105	197	8 - 9	0.021	7.29	0.02	0.15
I9-9-9-SB-3	107C	87	8 - 9	0.57	3.21	0.57	1.83
I9-9-9-SB-4	107	84	8 - 9	0.021	3.10	0.02	0.07
I9-9-9-SB-4	107A	555	8 - 9	0.0345	20.54	0.03	0.71
I9-9-9-SB-5	107B	312	8 - 9	0.0305	11.54	0.03	0.35
I9-9-9-SB-8	110	203	8 - 9	0.022	7.53	0.02	0.17
Totals:	--	2,050	--	--	75.92	--	189.08
Volume-Weighted Average:							2.49

**TABLE D-12
POST-REMEDIATION CONDITIONS
PARCEL I9-9-9: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

9- TO 10-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	94	613	9 - 10	1.23	22.71	1.23	27.93
I9-9-9-SB-2	48	197	9 - 10	0.073	7.30	0.07	0.53
I9-9-9-SB-4	4	699	9 - 10	0.0255	25.89	0.03	0.66
I9-9-9-SB-5	4A	338	9 - 10	0.021	12.51	0.02	0.26
I9-9-9-SB-8	32	203	9 - 10	0.0205	7.53	0.02	0.15
Totals:	--	2,050	--	--	75.93	--	29.54
Volume-Weighted Average:							0.39

10- TO 11-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	47	613	10 - 11	1.23	22.71	1.23	27.93
I9-9-9-SB-2	88	197	10 - 11	0.073	7.30	0.07	0.53
I9-9-9-SB-3	90A	87	10 - 11	0.073	3.21	0.07	0.23
I9-9-9-SB-4	90	639	10 - 11	0.0255	23.65	0.03	0.60
I9-9-9-SB-5	90B	312	10 - 11	0.021	11.54	0.02	0.24
I9-9-9-SB-8	93	203	10 - 11	0.0205	7.53	0.02	0.15
Totals:	--	2,050	--	--	75.93	--	29.70
Volume-Weighted Average:							0.39

SUMMARY: 1- TO X-FOOT DEPTH [X=11] INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	2,050	--	--	759.28	--	689.24
Volume-Weighted Average:							0.91

Notes:

1. Polygon ID and area based on information shown on Figures D-42 through D-51.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.

The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

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Parcel I9-9-17 (bank)

**TABLE D-13
EXISTING CONDITIONS
PARCEL I9-9-17: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-17-SB-1	164, 164A	293	0 - 0.5	0.36	5.42	0.36	1.95
I9-9-17-SB-2	276	192	0 - 0.5	0.41	3.56	0.41	1.46
I9-9-17-SB-3	69	271	0 - 0.5	0.029	5.03	0.03	0.15
I9-9-17-SS-1	277	161	0 - 0.5	0.24	2.97	0.24	0.71
I9-9-17-SS-2	165	326	0 - 0.5	0.78	6.03	0.78	4.71
I9-9-17-SS-3	278	250	0 - 0.5	0.24	4.63	0.24	1.11
I9-9-18-SB-2	281, 281A	131	0 - 0.5	1.81	2.43	1.81	4.39
I9-9-18-SS-2	283, 283A	75	0 - 0.5	5.1	1.39	5.10	7.08
Totals:	--	1,698	--	--	31.45	--	21.56
Volume-Weighted Average:							0.69

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-17-SB-1	168, 168A	293	0.5 - 1	0.36	5.42	0.36	1.95
I9-9-17-SB-2	279	192	0.5 - 1	0.41	3.56	0.41	1.46
I9-9-17-SB-3	68	271	0.5 - 1	0.029	5.03	0.03	0.15
I9-9-17-SS-1	280	161	0.5 - 1	0.24	2.97	0.24	0.71
I9-9-17-SS-2	169	326	0.5 - 1	0.78	6.03	0.78	4.71
I9-9-17-SS-3	281	250	0.5 - 1	0.24	4.63	0.24	1.11
I9-9-18-SB-2	284, 284A	131	0.5 - 1	1.81	2.43	1.81	4.39
I9-9-18-SS-2	286, 286A	75	0.5 - 1	5.1	1.39	5.10	7.08
Totals:	--	1,698	--	--	31.45	--	21.56
Volume-Weighted Average:							0.69

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,698	--	--	62.90	--	43.11
Volume-Weighted Average:							0.69

Notes:

1. Polygon ID and area based on information shown on Figures D-24 and D-25.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-14
EXISTING CONDITIONS
PARCEL I9-9-17: 0- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE D-13)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,698	--	--	62.90	--	43.11
Volume-Weighted Average:							0.69

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-17-SB-1	88, 88A	386	1 - 2	8.3	14.30	8.30	118.68
I9-9-17-SB-2	184	321	1 - 2	1.54	11.89	1.54	18.32
I9-9-17-SB-3	48	678	1 - 2	0.124	25.11	0.12	3.11
I9-9-18-SB-1	187	19	1 - 2	33	0.72	33.00	23.66
I9-9-18-SB-2	91, 91A	238	1 - 2	0.02	8.82	0.02	0.18
I9-9-101-SB-1	44	56	1 - 2	0.17	2.06	0.17	0.35
Totals:	--	1,698	--	--	62.90	--	164.30
Volume-Weighted Average:							2.61

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-17-SB-1	84, 84A	386	2 - 3	8.3	14.30	8.30	118.68
I9-9-17-SB-2	184	321	2 - 3	1.54	11.89	1.54	18.32
I9-9-17-SB-3	46	678	2 - 3	0.124	25.11	0.12	3.11
I9-9-18-SB-1	187	19	2 - 3	33	0.72	33.00	23.67
I9-9-18-SB-2	87, 87A	238	2 - 3	0.02	8.82	0.02	0.18
I9-9-101-SB-1	42	56	2 - 3	0.17	2.06	0.17	0.35
Totals:	--	1,698	--	--	62.90	--	164.31
Volume-Weighted Average:							2.61

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,698	--	--	188.70	--	371.73
Volume-Weighted Average:							1.97

Notes:

1. Polygon ID and area based on information shown on Figures D-26 through D-29.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-15
POST-REMEDATION CONDITIONS
PARCEL I9-9-17: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-17-SB-1	164	182	0 - 0.5	0.36	3.37	0.36	1.21
I9-9-17-SB-1	164A	110	0 - 0.5	0.021	2.04	0.02	0.04
I9-9-17-SB-2	276	192	0 - 0.5	0.41	3.56	0.41	1.46
I9-9-17-SB-3	69	271	0 - 0.5	0.029	5.03	0.03	0.15
I9-9-17-SS-1	277	161	0 - 0.5	0.24	2.97	0.24	0.71
I9-9-17-SS-2	165	326	0 - 0.5	0.78	6.03	0.78	4.71
I9-9-17-SS-3	278	250	0 - 0.5	0.24	4.63	0.24	1.11
I9-9-18-SB-2	281	123	0 - 0.5	1.81	2.28	1.81	4.12
I9-9-18-SB-2	281A	8	0 - 0.5	0.021	0.15	0.02	0.003
I9-9-18-SS-2	283	73	0 - 0.5	0.021	1.35	0.02	0.03
I9-9-18-SS-2	283A	2	0 - 0.5	5.1	0.04	5.10	0.21
Totals:	--	1,698	--	--	31.45	--	13.76
						Volume-Weighted Average:	0.44

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-17-SB-1	168	182	0.5 - 1	0.36	3.37	0.36	1.21
I9-9-17-SB-1	168A	110	0.5 - 1	0.021	2.04	0.02	0.04
I9-9-17-SB-2	279	192	0.5 - 1	0.41	3.56	0.41	1.46
I9-9-17-SB-3	68	271	0.5 - 1	0.029	5.03	0.03	0.15
I9-9-17-SS-1	280	161	0.5 - 1	0.24	2.97	0.24	0.71
I9-9-17-SS-2	169	326	0.5 - 1	0.78	6.03	0.78	4.71
I9-9-17-SS-3	281	250	0.5 - 1	0.24	4.63	0.24	1.11
I9-9-18-SB-2	284	123	0.5 - 1	1.81	2.28	1.81	4.12
I9-9-18-SB-2	284A	8	0.5 - 1	0.021	0.15	0.02	0.003
I9-9-18-SS-2	286	73	0.5 - 1	0.021	1.35	0.02	0.03
I9-9-18-SS-2	286A	2	0.5 - 1	5.1	0.04	5.10	0.21
Totals:	--	1,698	--	--	31.45	--	13.76
						Volume-Weighted Average:	0.44

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,698	--	--	62.90	--	27.51
						Volume-Weighted Average:	0.44

Notes:

1. Polygon ID and area based on information shown on Figures D-24 and D-25.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-16
POST-REMEDATION CONDITIONS
PARCEL I9-9-17: 0- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE D-14A)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,698	--	--	31.45	--	13.76
Volume-Weighted Average:							0.44

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-17-SB-1	88	242	1 - 2	8.3	8.97	8.30	74.48
I9-9-17-SB-1	88A	144	1 - 2	0.021	5.33	0.02	0.11
I9-9-17-SB-2	184	321	1 - 2	1.54	11.89	1.54	18.32
I9-9-17-SB-3	48	678	1 - 2	0.124	25.11	0.12	3.11
I9-9-18-SB-1	187	19	1 - 2	0.021	0.72	0.02	0.02
I9-9-18-SB-2	91	210	1 - 2	0.02	7.78	0.02	0.16
I9-9-18-SB-2	91A	28	1 - 2	0.021	1.03	0.02	0.02
I9-9-101-SB-1	44	56	1 - 2	0.17	2.06	0.17	0.35
Totals:	--	1,698	--	--	62.90	--	96.56
Volume-Weighted Average:							1.54

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-17-SB-1	84	242	2 - 3	8.3	8.97	8.30	74.48
I9-9-17-SB-1	84A	144	2 - 3	0.021	5.33	0.02	0.11
I9-9-17-SB-2	184	321	2 - 3	1.54	11.89	1.54	18.32
I9-9-17-SB-3	46	678	2 - 3	0.124	25.11	0.12	3.11
I9-9-18-SB-1	187	19	2 - 3	0.021	0.72	0.02	0.02
I9-9-18-SB-2	87	210	2 - 3	0.02	7.78	0.02	0.16
I9-9-18-SB-2	87A	28	2 - 3	0.021	1.03	0.02	0.02
I9-9-101-SB-1	42	56	2 - 3	0.17	2.06	0.17	0.35
Totals:	--	1,698	--	--	62.90	--	96.56
Volume-Weighted Average:							1.54

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,698	--	--	157.25	--	206.88
Volume-Weighted Average:							1.32

Notes:

1. Polygon ID and area based on information shown on Figures D-26 through D-29.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

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Parcel I9-9-18 (bank)

**TABLE D-17
EXISTING CONDITIONS
PARCEL I9-9-18: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-18-SB-1	119	124	0 - 0.5	19.1	2.31	19.10	44.04
I9-9-18-SB-2	280, 280A	183	0 - 0.5	1.81	3.40	1.81	6.15
I9-9-18-SS-1	17, 167, 167A, 167B	203	0 - 0.5	1.68	3.76	1.68	6.32
I9-9-18-SS-2	282, 282A	140	0 - 0.5	5.1	2.60	5.10	13.23
Totals:	--	651	--	--	12.06	--	69.73
Volume-Weighted Average:							5.78

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-18-SB-1	116	124	0.5 - 1	19.1	2.31	19.10	44.04
I9-9-18-SB-2	283, 283A	183	0.5 - 1	1.81	3.40	1.81	6.15
I9-9-18-SS-1	19, 171, 171A, 171B	203	0.5 - 1	1.68	3.76	1.68	6.32
I9-9-18-SS-2	285, 285A	140	0.5 - 1	5.1	2.60	5.10	13.23
Totals:	--	651	--	--	12.06	--	69.73
Volume-Weighted Average:							5.78

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	651	--	--	24.11	--	139.47
Volume-Weighted Average:							5.78

Notes:

1. Polygon ID and area based on information shown on Figures D-24 and D-25.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-18
EXISTING CONDITIONS
PARCEL I9-9-18: 1- TO X-FOOT [X=3] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-18-SB-1	186, 187A	266	1 - 2	33	9.87	33.00	325.61
I9-9-18-SB-2	90, 90A	385	1 - 2	0.02	14.25	0.02	0.28
Totals:	--	651	--	--	24.11	--	325.90
Volume-Weighted Average:							13.52

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-18-SB-1	186, 187A	266	2 - 3	33	9.87	33.00	325.61
I9-9-18-SB-2	86, 86A	385	2 - 3	0.02	14.25	0.02	0.28
Totals:	--	651	--	--	24.11	--	325.90
Volume-Weighted Average:							13.52

SUMMARY: 1- TO X-FOOT DEPTH [X=3] INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	651	--	--	48.23	--	651.79
Volume-Weighted Average:							13.52

Notes:

1. Polygon ID and area based on information shown on Figures D-26 through D-27.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-19
POST-REMEDATION CONDITIONS
PARCEL I9-9-18: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-18-SB-1	119	124	0 - 0.5	0.021	2.31	0.02	0.05
I9-9-18-SB-2	280	81	0 - 0.5	0.021	1.51	0.02	0.03
I9-9-18-SB-2	280A	102	0 - 0.5	1.81	1.89	1.81	3.41
I9-9-18-SS-1	17, 167A	121	0 - 0.5	1.68	2.24	1.68	3.76
I9-9-18-SS-1	167, 167B	82	0 - 0.5	0.021	1.52	0.02	0.03
I9-9-18-SS-2	282	131	0 - 0.5	0.021	2.42	0.02	0.05
I9-9-18-SS-2	282A	9	0 - 0.5	5.1	0.17	5.10	0.88
Totals:	--	651	--	--	12.06	--	8.22
Volume-Weighted Average:							0.68

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-18-SB-1	116	124	0.5 - 1	0.021	2.31	0.02	0.05
I9-9-18-SB-2	283	81	0.5 - 1	0.021	1.51	0.02	0.03
I9-9-18-SB-2	283A	102	0.5 - 1	1.81	1.89	1.81	3.41
I9-9-18-SS-1	19, 171B	121	0.5 - 1	1.68	2.24	1.68	3.76
I9-9-18-SS-1	171, 171A	82	0.5 - 1	0.021	1.52	0.02	0.03
I9-9-18-SS-2	285	131	0.5 - 1	0.021	2.42	0.02	0.05
I9-9-18-SS-2	285A	9	0.5 - 1	5.1	0.17	5.10	0.88
Totals:	--	651	--	--	12.06	--	8.22
Volume-Weighted Average:							0.68

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	651	--	--	24.11	--	16.45
Volume-Weighted Average:							0.68

Notes:

1. Polygon ID and area based on information shown on Figures D-24 and D-25.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
4. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

**TABLE D-20
POST-REMEDATION CONDITIONS
PARCEL I9-9-18: 1- TO X-FOOT [X=3] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-18-SB-1	186	266	1 - 2	0.021	9.86	0.02	0.21
I9-9-18-SB-1	187A	0.32	1 - 2	0.021	0.01	0.02	0.00
I9-9-18-SB-2	90	104	1 - 2	0.021	3.85	0.02	0.08
I9-9-18-SB-2	90A	281	1 - 2	0.02	10.40	0.02	0.21
Totals:	--	651	--	--	24.11	--	0.50
Volume-Weighted Average:							0.02

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-18-SB-1	186	266	2 - 3	0.021	9.86	0.02	0.21
I9-9-18-SB-1	187A	0.32	2 - 3	0.021	0.01	0.02	0.00
I9-9-18-SB-2	86	281	2 - 3	0.02	10.40	0.02	0.21
I9-9-18-SB-2	86A	104	2 - 3	0.021	3.85	0.02	0.08
Totals:	--	651	--	--	24.11	--	0.50
Volume-Weighted Average:							0.02

SUMMARY: 1- TO X-FOOT DEPTH [X=3] INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	651	--	--	48.23	--	0.99
Volume-Weighted Average:							0.02

Notes:

1. Polygon ID and area based on information shown on Figures D-26 through D-27.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

ARCADIS

Parcel I9-9-19 (bank)

**TABLE D-21
EXISTING CONDITIONS
PARCEL I9-9-19: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-18-SB-1	118	64	0 - 0.5	19.1	1.18	19.10	22.50
I9-9-18-SS-1	166, 166A, 166B	366	0 - 0.5	1.68	6.78	1.68	11.39
I9-9-19-SB-1	92	95	0 - 0.5	0.92	1.77	0.92	1.63
I9-9-19-SB-2	284, 284A	384	0 - 0.5	1.12	7.11	1.12	7.96
I9-9-19-SS-1	286, 286A, 286B	398	0 - 0.5	1.22	7.37	1.22	8.99
Totals:	--	1,307	--	--	24.20	--	52.47
						Volume-Weighted Average:	2.17

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-18-SB-1	115	64	0.5 - 1	19.1	1.18	19.10	22.50
I9-9-18-SS-1	170, 170A, 170B	366	0.5 - 1	1.68	6.78	1.68	11.39
I9-9-19-SB-1	88	95	0.5 - 1	0.92	1.77	0.92	1.63
I9-9-19-SB-2	287, 287A	384	0.5 - 1	1.12	7.11	1.12	7.96
I9-9-19-SS-1	289, 289A, 289B	398	0.5 - 1	1.22	7.37	1.22	8.99
Totals:	--	1,307	--	--	24.20	--	52.47
						Volume-Weighted Average:	2.17

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,307	--	--	48.40	--	104.94
						Volume-Weighted Average:	2.17

Notes:

1. Polygon ID and area based on information shown on Figures D-24 and D-25.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-22
EXISTING CONDITIONS
PARCEL I9-9-19: 1- TO X-FOOT [X=3] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-18-SB-1	185, 185A, 185B	161	1 - 2	33	5.97	33.00	196.91
I9-9-18-SB-2	89	57	1 - 2	0.02	2.12	0.02	0.04
I9-9-19-SB-1	188	166	1 - 2	0.152	6.14	0.15	0.93
I9-9-19-SB-2	26, 26A	923	1 - 2	0.44	34.17	0.44	15.03
Totals:	--	1,307	--	--	48.40	--	212.92
Volume-Weighted Average:							4.40

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-18-SB-1	185, 185A, 185B	161	2 - 3	33	5.97	33.00	196.91
I9-9-18-SB-2	85	57	2 - 3	0.02	2.12	0.02	0.04
I9-9-19-SB-1	188	166	2 - 3	0.152	6.14	0.15	0.93
I9-9-19-SB-2	25, 25A	923	2 - 3	0.44	34.17	0.44	15.03
Totals:	--	1,307	--	--	48.40	--	212.92
Volume-Weighted Average:							4.40

SUMMARY: 1- TO X-FOOT DEPTH [X=3] INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,307	--	--	96.80	--	425.85
Volume-Weighted Average:							4.40

Notes:

1. Polygon ID and area based on information shown on Figures D-26 and D-27.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-23
POST-REMEDATION CONDITIONS
PARCEL I9-9-19: 0- TO 1-FOOT DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-18-SB-1	118	64	0 - 0.5	0.021	1.18	0.02	0.02
I9-9-18-SS-1	166, 166A	317	0 - 0.5	0.021	5.87	0.02	0.12
I9-9-18-SS-1	166B	49	0 - 0.5	1.68	0.92	1.68	1.54
I9-9-19-SB-1	92	95	0 - 0.5	0.92	1.77	0.92	1.63
I9-9-19-SB-2	284	364	0 - 0.5	0.021	6.74	0.02	0.14
I9-9-19-SB-2	284A	20	0 - 0.5	1.12	0.37	1.12	0.41
I9-9-19-SS-1	286, 286B	247	0 - 0.5	1.22	4.57	1.22	5.57
I9-9-19-SS-1	286A	151	0 - 0.5	0.021	2.80	0.02	0.06
Totals:	--	1,307	--	--	24.20	--	9.50
Volume-Weighted Average:							0.39

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-18-SB-1	115	64	0.5 - 1	0.021	1.18	0.02	0.02
I9-9-18-SS-1	170, 170A	317	0.5 - 1	0.021	5.87	0.02	0.12
I9-9-18-SS-1	170B	49	0.5 - 1	1.68	0.92	1.68	1.54
I9-9-19-SB-1	88	95	0.5 - 1	0.92	1.77	0.92	1.63
I9-9-19-SB-2	287	20	0.5 - 1	1.12	0.37	1.12	0.41
I9-9-19-SB-2	287A	364	0.5 - 1	0.021	6.74	0.02	0.14
I9-9-19-SS-1	289, 289B	247	0.5 - 1	1.22	4.57	1.22	5.57
I9-9-19-SS-1	289A	151	0.5 - 1	0.021	2.80	0.02	0.06
Totals:	--	1,307	--	--	24.20	--	9.50
Volume-Weighted Average:							0.39

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,307	--	--	48.40	--	18.99
Volume-Weighted Average:							0.39

Notes:

1. Polygon ID and area based on information shown on Figures D-24 and D-25.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
4. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

**TABLE D-24
POST-REMEDICATION CONDITIONS
PARCEL I9-9-19: 1- TO X-FOOT [X=3] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-18-SB-1	185, 185A, 185B	161	1 - 2	0.021	5.97	0.02	0.13
I9-9-18-SB-2	89	57	1 - 2	0.02	2.12	0.02	0.04
I9-9-19-SB-1	188	166	1 - 2	0.152	6.14	0.15	0.93
I9-9-19-SB-2	26	288	1 - 2	0.021	10.68	0.02	0.22
I9-9-19-SB-2	26A	634	1 - 2	0.44	23.49	0.44	10.34
Totals:	--	1,307	--	--	48.40	--	11.66
Volume-Weighted Average:							0.24

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-18-SB-1	185, 185A, 185B	161	2 - 3	0.021	5.97	0.02	0.13
I9-9-18-SB-2	85	57	2 - 3	0.02	2.12	0.02	0.04
I9-9-19-SB-1	188	166	2 - 3	0.152	6.14	0.15	0.93
I9-9-19-SB-2	25	288	2 - 3	0.021	10.68	0.02	0.22
I9-9-19-SB-2	25A	634	2 - 3	0.44	23.49	0.44	10.34
Totals:	--	1,307	--	--	48.40	--	11.66
Volume-Weighted Average:							0.24

SUMMARY: 1- TO X-FOOT DEPTH [X=3] INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,307	--	--	96.80	--	23.33
Volume-Weighted Average:							0.24

Notes:

1. Polygon ID and area based on information shown on Figures D-26 and D-27.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

ARCADIS

Parcel I9-9-21 and I9-9-22 (bank)

**TABLE D-25
EXISTING CONDITIONS
PARCEL I9-9-21 AND -22: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-21-SB-1	5, 6, 78, 79	369	0 - 0.5	22	6.83	22.00	150.18
I9-9-21-SB-2	34	271	0 - 0.5	33	5.02	33.00	165.58
I9-9-21-SB-3	13, 122	199	0 - 0.5	4.3	3.68	4.30	15.82
I9-9-21-SB-4	36, 291	453	0 - 0.5	1.9	8.39	1.90	15.95
I9-9-21-SB-5	20, 174	217	0 - 0.5	0.3	4.01	0.30	1.20
I9-9-21-SB-6	39, 40, 292	132	0 - 0.5	1.72	2.45	1.72	4.22
I9-9-21-SB-8	294	2	0 - 0.5	1.75	0.04	1.75	0.06
I9-9-22-SB-1	14, 123	382	0 - 0.5	0.39	7.07	0.39	2.76
I9-9-22-SB-2	43, 296	288	0 - 0.5	1.74	5.34	1.74	9.29
I9-9-22-SB-3	24, 175	177	0 - 0.5	1.34	3.27	1.34	4.38
I9-9-22-SB-4	45	91	0 - 0.5	0.33	1.68	0.33	0.56
I9-9-23-SB-3	176	36	0 - 0.5	0.088	0.68	0.09	0.06
SLB-7 Middle Bank	156	133	0 - 0.5	1.3	2.47	1.30	3.21
SLB-7 Top Bank	66, 431	179	0 - 0.5	2.4	3.31	2.40	7.93
SLB-7 Top Bank-10	30	135	0 - 0.5	3.15	2.50	3.15	7.88
Totals:	--	3,064	--	--	56.74	--	389.09
Volume-Weighted Average:							6.86

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-21-SB-1	6, 7, 75, 76	369	0.5 - 1	22	6.84	22.00	150.38
I9-9-21-SB-2	40	388	0.5 - 1	33	7.19	33.00	237.28
I9-9-21-SB-3	13, 119	199	0.5 - 1	4.3	3.68	4.30	15.82
I9-9-21-SB-4	42, 294	455	0.5 - 1	1.9	8.42	1.90	15.99
I9-9-21-SB-5	22, 178	217	0.5 - 1	0.3	4.01	0.30	1.20
I9-9-21-SB-6	45, 46, 295	132	0.5 - 1	1.72	2.45	1.72	4.22
I9-9-21-SB-8	297	2	0.5 - 1	1.75	0.04	1.75	0.06
I9-9-22-SB-1	14, 120	382	0.5 - 1	0.39	7.07	0.39	2.76
I9-9-22-SB-2	49, 299	288	0.5 - 1	1.74	5.34	1.74	9.29
I9-9-22-SB-3	26, 179	177	0.5 - 1	1.34	3.27	1.34	4.38
I9-9-22-SB-4	51	91	0.5 - 1	0.33	1.68	0.33	0.56
I9-9-23-SB-3	180	36	0.5 - 1	0.088	0.68	0.09	0.06
SLB-7 Middle Bank	426	133	0.5 - 1	11	2.47	11.00	27.19
SLB-7 Top Bank	36, 255	195	0.5 - 1	3.9	3.60	3.90	14.05
Totals:	--	3,064	--	--	56.74	--	483.24
Volume-Weighted Average:							8.52

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,064	--	--	113.47	--	872.32
Volume-Weighted Average:							7.69

Notes:

1. Polygon ID and area based on information shown on Figures D-8 and D-9.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-26
EXISTING CONDITIONS
PARCEL I9-9-21 AND -22: 0- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE D-25)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,064	--	--	113.47	--	872.32
Volume-Weighted Average:							7.69

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-21-SB-1	94, 95	417	1 - 2	12	15.43	12.00	185.13
I9-9-21-SB-2	197	500	1 - 2	3.1	18.51	3.10	57.39
I9-9-21-SB-3	96	366	1 - 2	19	13.54	19.00	257.33
I9-9-21-SB-4	199	457	1 - 2	2.2	16.91	2.20	37.20
I9-9-21-SB-5	54	217	1 - 2	0.695	8.03	0.70	5.58
I9-9-21-SB-6	202, 203	132	1 - 2	0.33	4.91	0.33	1.62
I9-9-21-SB-8	205	2	1 - 2	0.91	0.07	0.91	0.06
I9-9-22-SB-1	206	382	1 - 2	0.52	14.14	0.52	7.35
I9-9-22-SB-2	98	288	1 - 2	0.46	10.67	0.46	4.91
I9-9-22-SB-3	208	177	1 - 2	0.29	6.54	0.29	1.90
I9-9-22-SB-4	56	91	1 - 2	0.083	3.37	0.08	0.28
I9-9-23-SB-3	4	36	1 - 2	0.35	1.35	0.35	0.47
Totals:	--	3,064	--	--	113.47	--	559.23
Volume-Weighted Average:							4.93

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-21-SB-1	90, 91	417	2 - 3	12	15.43	12.00	185.13
I9-9-21-SB-2	197	500	2 - 3	3.1	18.51	3.10	57.39
I9-9-21-SB-3	92	366	2 - 3	19	13.54	19.00	257.33
I9-9-21-SB-4	199	457	2 - 3	2.2	16.91	2.20	37.20
I9-9-21-SB-5	52	217	2 - 3	0.695	8.03	0.70	5.58
I9-9-21-SB-6	202, 203	132	2 - 3	0.33	4.91	0.33	1.62
I9-9-21-SB-8	205	2	2 - 3	0.91	0.07	0.91	0.06
I9-9-22-SB-1	206	382	2 - 3	0.52	14.14	0.52	7.35
I9-9-22-SB-2	94	288	2 - 3	0.46	10.67	0.46	4.91
I9-9-22-SB-3	208	177	2 - 3	0.29	6.54	0.29	1.90
I9-9-22-SB-4	54	91	2 - 3	0.083	3.37	0.08	0.28
I9-9-23-SB-3	4	36	2 - 3	0.35	1.35	0.35	0.47
Totals:	--	3,064	--	--	113.47	--	559.23
Volume-Weighted Average:							4.93

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,064	--	--	340.42	--	1,990.79
Volume-Weighted Average:							5.85

Notes:

1. Polygon ID and area based on information shown on Figures D-10 and D-11.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

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Parcel I9-9-21 and I9-9-22
(non-bank)

**TABLE D-27
EXISTING CONDITIONS
PARCEL I9-9-21 AND -22: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-19-SB-1	10, 93	311	0 - 0.5	0.92	5.75	0.92	5.29
I9-9-21-SB-2	33	115	0 - 0.5	33	2.13	33.00	70.44
I9-9-21-SB-4	35	11	0 - 0.5	1.9	0.20	1.90	0.38
I9-9-21-SB-5	19	346	0 - 0.5	0.3	6.42	0.30	1.92
I9-9-21-SB-6	37, 38	450	0 - 0.5	1.72	8.33	1.72	14.32
I9-9-21-SB-7	11	1,155	0 - 0.5	11.1	21.39	11.10	237.46
I9-9-21-SB-8	41, 293	582	0 - 0.5	1.75	10.77	1.75	18.85
I9-9-21-SB-9	21, 22	584	0 - 0.5	0.53	10.82	0.53	5.73
I9-9-21-SB-10	32, 290	354	0 - 0.5	1.23	6.55	1.23	8.06
I9-9-21-SB-11	18, 171	1,077	0 - 0.5	3.1	19.95	3.10	61.85
I9-9-21-SS-1	42, 295	657	0 - 0.5	1.2	12.17	1.20	14.60
I9-9-22-SB-3	23	49	0 - 0.5	1.34	0.90	1.34	1.21
I9-9-22-SB-4	44	125	0 - 0.5	0.33	2.32	0.33	0.77
I9-9-22-SB-5	3, 4	407	0 - 0.5	0.187	7.54	0.19	1.41
Totals:	--	6,223	--	--	115.25	--	442.30
						Volume-Weighted Average:	3.84

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-19-SB-1	10, 89	311	0.5 - 1	0.92	5.75	0.92	5.29
I9-9-21-SB-2	39	115	0.5 - 1	33	2.13	33.00	70.44
I9-9-21-SB-4	41	11	0.5 - 1	1.9	0.20	1.90	0.38
I9-9-21-SB-5	21	346	0.5 - 1	0.3	6.42	0.30	1.92
I9-9-21-SB-6	43, 44	450	0.5 - 1	1.72	8.33	1.72	14.32
I9-9-21-SB-7	11	1,155	0.5 - 1	11.1	21.39	11.10	237.46
I9-9-21-SB-8	47, 296	582	0.5 - 1	1.75	10.77	1.75	18.85
I9-9-21-SB-9	23, 24	584	0.5 - 1	0.53	10.82	0.53	5.73
I9-9-21-SB-10	38, 293	354	0.5 - 1	1.23	6.55	1.23	8.06
I9-9-21-SB-11	20, 175	1,077	0.5 - 1	3.1	19.95	3.10	61.85
I9-9-21-SS-1	48, 298	657	0.5 - 1	1.2	12.17	1.20	14.60
I9-9-22-SB-3	25	49	0.5 - 1	1.34	0.90	1.34	1.21
I9-9-22-SB-4	50	125	0.5 - 1	0.33	2.32	0.33	0.77
I9-9-22-SB-5	3, 4	407	0.5 - 1	0.187	7.54	0.19	1.41
Totals:	--	6,223	--	--	115.25	--	442.30
						Volume-Weighted Average:	3.84

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	6,223	--	--	230.49	--	884.60
						Volume-Weighted Average:	3.84

Notes:

1. Polygon ID and area based on information shown on Figures D-8 and D-9.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-28
EXISTING CONDITIONS
PARCEL I9-9-21 AND -22: 0- TO 3-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE D-27)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	6,223	--	--	230.49	--	884.60
Volume-Weighted Average:							3.84

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-19-SB-1	189	311	1 - 2	0.152	11.51	0.15	1.75
I9-9-21-SB-2	196	115	1 - 2	3.1	4.27	3.10	13.23
I9-9-21-SB-4	198	11	1 - 2	2.2	0.40	2.20	0.87
I9-9-21-SB-5	52	347	1 - 2	0.695	12.84	0.70	8.92
I9-9-21-SB-6	200, 201	450	1 - 2	0.33	16.65	0.33	5.50
I9-9-21-SB-7	97	1,155	1 - 2	57	42.79	57.00	2,438.82
I9-9-21-SB-8	204	582	1 - 2	0.91	21.54	0.91	19.60
I9-9-21-SB-9	28, 29	584	1 - 2	0.275	21.64	0.28	5.95
I9-9-21-SB-10	195	354	1 - 2	12.7	13.10	12.70	166.41
I9-9-21-SB-11	13	1,734	1 - 2	0.58	64.23	0.58	37.26
I9-9-22-SB-3	207	49	1 - 2	0.29	1.81	0.29	0.52
I9-9-22-SB-4	55	125	1 - 2	0.083	4.65	0.08	0.39
I9-9-22-SB-5	209, 210	407	1 - 2	0.059	15.07	0.06	0.89
Totals:	--	6,223	--	--	230.50	--	2,700.11
Volume-Weighted Average:							11.71

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-19-SB-1	189	311	2 - 3	0.152	11.51	0.15	1.75
I9-9-21-SB-2	196	115	2 - 3	3.1	4.27	3.10	13.23
I9-9-21-SB-4	198	11	2 - 3	2.2	0.40	2.20	0.87
I9-9-21-SB-5	50	347	2 - 3	0.695	12.84	0.70	8.92
I9-9-21-SB-6	200, 201	450	2 - 3	0.33	16.65	0.33	5.50
I9-9-21-SB-7	93	1,155	2 - 3	57	42.79	57.00	2,438.82
I9-9-21-SB-8	204	582	2 - 3	0.91	21.54	0.91	19.60
I9-9-21-SB-9	27, 28	584	2 - 3	0.275	21.64	0.28	5.95
I9-9-21-SB-10	195	354	2 - 3	12.7	13.10	12.70	166.41
I9-9-21-SB-11	14	1,734	2 - 3	0.58	64.23	0.58	37.26
I9-9-22-SB-3	207	49	2 - 3	0.29	1.81	0.29	0.52
I9-9-22-SB-4	53	125	2 - 3	0.083	4.65	0.08	0.39
I9-9-22-SB-5	209, 210	407	2 - 3	0.059	15.07	0.06	0.89
Totals:	--	6,223	--	--	230.50	--	2,700.11
Volume-Weighted Average:							11.71

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	6,223	--	--	691.48	--	6,284.83
Volume-Weighted Average:							9.09

Notes:

1. Polygon ID and area based on information shown on Figures D-10 and D-11.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-29
EXISTING CONDITIONS
PARCEL I9-9-21 AND -22: 1- TO 6-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-19-SB-1	189	311	1 - 2	0.152	11.51	0.15	1.75
I9-9-21-SB-2	196	115	1 - 2	3.1	4.27	3.10	13.23
I9-9-21-SB-4	198	11	1 - 2	2.2	0.40	2.20	0.87
I9-9-21-SB-5	52	347	1 - 2	0.695	12.84	0.70	8.92
I9-9-21-SB-6	200, 201	450	1 - 2	0.33	16.65	0.33	5.50
I9-9-21-SB-7	97	1,155	1 - 2	57	42.79	57.00	2,438.82
I9-9-21-SB-8	204	582	1 - 2	0.91	21.54	0.91	19.60
I9-9-21-SB-9	28, 29	584	1 - 2	0.275	21.64	0.28	5.95
I9-9-21-SB-10	195	354	1 - 2	12.7	13.10	12.70	166.41
I9-9-21-SB-11	13	1,734	1 - 2	0.58	64.23	0.58	37.26
I9-9-22-SB-3	207	49	1 - 2	0.29	1.81	0.29	0.52
I9-9-22-SB-4	55	125	1 - 2	0.083	4.65	0.08	0.39
I9-9-22-SB-5	209, 210	407	1 - 2	0.059	15.07	0.06	0.89
Totals:	--	6,223	--	--	230.50	--	2,700.11
Volume-Weighted Average:							11.71

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-19-SB-1	189	311	2 - 3	0.152	11.51	0.15	1.75
I9-9-21-SB-2	196	115	2 - 3	3.1	4.27	3.10	13.23
I9-9-21-SB-4	198	11	2 - 3	2.2	0.40	2.20	0.87
I9-9-21-SB-5	50	347	2 - 3	0.695	12.84	0.70	8.92
I9-9-21-SB-6	200, 201	450	2 - 3	0.33	16.65	0.33	5.50
I9-9-21-SB-7	93	1,155	2 - 3	57	42.79	57.00	2,438.82
I9-9-21-SB-8	204	582	2 - 3	0.91	21.54	0.91	19.60
I9-9-21-SB-9	27, 28	584	2 - 3	0.275	21.64	0.28	5.95
I9-9-21-SB-10	195	354	2 - 3	12.7	13.10	12.70	166.41
I9-9-21-SB-11	14	1,734	2 - 3	0.58	64.23	0.58	37.26
I9-9-22-SB-3	207	49	2 - 3	0.29	1.81	0.29	0.52
I9-9-22-SB-4	53	125	2 - 3	0.083	4.65	0.08	0.39
I9-9-22-SB-5	209, 210	407	2 - 3	0.059	15.07	0.06	0.89
Totals:	--	6,223	--	--	230.50	--	2,700.11
Volume-Weighted Average:							11.71

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-19-SB-1	113	311	3 - 4	0.0215	11.51	0.02	0.25
I9-9-21-SB-6	3, 4	510	3 - 4	27	18.88	27.00	509.86
I9-9-21-SB-7	120	1,445	3 - 4	70	53.51	70.00	3,745.82
I9-9-21-SB-8	60	726	3 - 4	8.85	26.88	8.85	237.90
I9-9-21-SB-9	122, 123	584	3 - 4	0.273	21.64	0.27	5.91
I9-9-21-SB-10	59	354	3 - 4	2.2	13.10	2.20	28.83
I9-9-21-SB-11	119	1,734	3 - 4	0.019	64.23	0.02	1.22
I9-9-22-SB-4	31	153	3 - 4	0.312	5.66	0.31	1.77
I9-9-22-SB-5	124, 125	407	3 - 4	0.027	15.07	0.03	0.41
Totals:	--	6,223	--	--	230.50	--	4,531.96
Volume-Weighted Average:							19.66

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-19-SB-1	116	311	4 - 5	0.0215	11.51	0.02	0.25
I9-9-21-SB-6	4, 5	510	4 - 5	27	18.88	27.00	509.86
I9-9-21-SB-7	123	1,445	4 - 5	70	53.51	70.00	3,745.82
I9-9-21-SB-8	69	726	4 - 5	8.85	26.88	8.85	237.90
I9-9-21-SB-9	125, 126	584	4 - 5	0.273	21.64	0.27	5.91
I9-9-21-SB-10	68	354	4 - 5	2.2	13.10	2.20	28.83
I9-9-21-SB-11	122	1,734	4 - 5	0.019	64.23	0.02	1.22
I9-9-22-SB-4	35	153	4 - 5	0.312	5.66	0.31	1.77
I9-9-22-SB-5	127, 128	407	4 - 5	0.027	15.07	0.03	0.41
Totals:	--	6,223	--	--	230.50	--	4,531.96
Volume-Weighted Average:							19.66

**TABLE D-29
EXISTING CONDITIONS
PARCEL I9-9-21 AND -22: 1- TO 6-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-19-SB-3	90	10	5 - 6	0.022	0.38	0.02	0.01
I9-9-21-SB-6	25, 26	510	5 - 6	27	18.88	27.00	509.86
I9-9-21-SB-7	96	1,445	5 - 6	70	53.51	70.00	3,745.82
I9-9-21-SB-8	54	726	5 - 6	8.85	26.88	8.85	237.90
I9-9-21-SB-9	98, 99	584	5 - 6	0.273	21.64	0.27	5.91
I9-9-21-SB-10	51	634	5 - 6	2.2	23.47	2.20	51.64
I9-9-21-SB-11	94	1,755	5 - 6	0.019	64.99	0.02	1.23
I9-9-22-SB-4	10	153	5 - 6	0.312	5.66	0.31	1.77
I9-9-22-SB-5	100, 101	407	5 - 6	0.027	15.07	0.03	0.41
Totals:	--	6,224	--	--	230.50	--	4,554.55
Volume-Weighted Average:							19.76

SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	6,223	--	--	1,152.49	--	19,018.69
Volume-Weighted Average:							16.50

Notes:

1. Polygon ID and area based on information shown on Figures D-10 through D-14.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-30
EXISTING CONDITIONS
PARCEL I9-9-21 AND -22: 0- TO 15-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE D-27)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	6,223	--	--	230.49	--	884.60
Volume-Weighted Average:							3.84

SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT (TABLE D-29)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	6,223	--	--	1,152.49	--	19,018.69
Volume-Weighted Average:							16.50

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-19-SB-3	84	414	6 - 7	0.022	15.34	0.02	0.34
I9-9-21-SB-6	88, 89	510	6 - 7	28	18.88	28.00	528.75
I9-9-21-SB-7	19	1,445	6 - 7	600	53.51	600.00	32,106.99
I9-9-21-SB-8	93	726	6 - 7	3.6	26.88	3.60	96.77
I9-9-21-SB-9	48, 49	584	6 - 7	0.0275	21.64	0.03	0.60
I9-9-21-SB-10	46	1,985	6 - 7	0.02	73.50	0.02	1.47
I9-9-22-SB-4	96	153	6 - 7	0.027	5.66	0.03	0.15
I9-9-22-SB-5	8, 9	407	6 - 7	0.0245	15.07	0.02	0.37
Totals:	--	6,224	--	--	230.50	--	32,735.44
Volume-Weighted Average:							142.02

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-19-SB-3	87	414	7 - 8	0.0295	15.34	0.03	0.45
I9-9-21-SB-6	91, 92	510	7 - 8	28	18.88	28.00	528.75
I9-9-21-SB-7	9	1,445	7 - 8	600	53.51	600.00	32,106.99
I9-9-21-SB-8	96	726	7 - 8	3.6	26.88	3.60	96.77
I9-9-21-SB-9	60, 61	584	7 - 8	0.0275	21.64	0.03	0.60
I9-9-21-SB-10	58	1,985	7 - 8	0.02	73.50	0.02	1.47
I9-9-22-SB-4	99	153	7 - 8	0.027	5.66	0.03	0.15
I9-9-22-SB-5	26, 27	407	7 - 8	0.0245	15.07	0.02	0.37
Totals:	--	6,224	--	--	230.50	--	32,735.55
Volume-Weighted Average:							142.02

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-21-SB-6	72, 73	510	8 - 9	28	18.88	28.00	528.75
I9-9-21-SB-7	4	1,445	8 - 9	600	53.51	600.00	32,106.99
I9-9-21-SB-8	78	726	8 - 9	3.6	26.88	3.60	96.77
I9-9-21-SB-9	42, 43	584	8 - 9	0.0275	21.64	0.03	0.60
I9-9-21-SB-10	39	2,399	8 - 9	0.02	88.85	0.02	1.78
I9-9-22-SB-4	82	153	8 - 9	0.027	5.66	0.03	0.15
I9-9-22-SB-5	22, 23	407	8 - 9	0.0245	15.07	0.02	0.37
Totals:	--	6,224	--	--	230.50	--	32,735.41
Volume-Weighted Average:							142.02

**TABLE D-30
EXISTING CONDITIONS
PARCEL I9-9-21 AND -22: 0- TO 15-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

9- TO 10-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-21-SB-6	37, 38	510	9 - 10	28	18.88	28.00	528.75
I9-9-21-SB-7	66	1,445	9 - 10	600	53.51	600.00	32,106.99
I9-9-21-SB-8	14	726	9 - 10	3.6	26.88	3.60	96.77
I9-9-21-SB-9	70, 71	584	9 - 10	0.0275	21.64	0.03	0.60
I9-9-21-SB-10	61	2,399	9 - 10	0.02	88.85	0.02	1.78
I9-9-22-SB-4	41	153	9 - 10	0.027	5.66	0.03	0.15
I9-9-22-SB-5	72, 73	407	9 - 10	0.0245	15.07	0.02	0.37
Totals:	--	6,224	--	--	230.50	--	32,735.41
Volume-Weighted Average:							142.02

10- TO 11-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-21-SB-6	62, 63	510	10 - 11	20.5	18.88	20.50	387.12
I9-9-21-SB-7	37	1,445	10 - 11	4.8	53.51	4.80	256.86
I9-9-21-SB-8	68	3,125	10 - 11	0.41	115.73	0.41	47.45
I9-9-21-SB-9	12, 13	584	10 - 11	0.056	21.64	0.06	1.21
I9-9-22-SB-4	72	153	10 - 11	0.025	5.66	0.03	0.14
I9-9-22-SB-5	41, 42	407	10 - 11	0.026	15.07	0.03	0.39
Totals:	--	6,224	--	--	230.50	--	693.17
Volume-Weighted Average:							3.01

11- TO 12-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-21-SB-6	51, 52	510	11 - 12	20.5	18.88	20.50	387.12
I9-9-21-SB-7	30	1,445	11 - 12	4.8	53.51	4.80	256.86
I9-9-21-SB-8	57	3,125	11 - 12	0.41	115.73	0.41	47.45
I9-9-21-SB-9	6, 7	584	11 - 12	0.056	21.64	0.06	1.21
I9-9-22-SB-4	61	153	11 - 12	0.025	5.66	0.03	0.14
I9-9-22-SB-5	34, 35	407	11 - 12	0.026	15.07	0.03	0.39
Totals:	--	6,224	--	--	230.50	--	693.17
Volume-Weighted Average:							3.01

12- TO 13-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-21-SB-6	45, 46	510	12 - 13	20.5	18.88	20.50	387.12
I9-9-21-SB-7	28	1,445	12 - 13	4.8	53.51	4.80	256.86
I9-9-21-SB-8	51	3,125	12 - 13	0.41	115.73	0.41	47.45
I9-9-21-SB-9	3, 4	584	12 - 13	0.056	21.64	0.06	1.21
I9-9-22-SB-4	55	153	12 - 13	0.025	5.66	0.03	0.14
I9-9-22-SB-5	32, 33	407	12 - 13	0.026	15.07	0.03	0.39
Totals:	--	6,224	--	--	230.50	--	693.17
Volume-Weighted Average:							3.01

13- TO 14-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-21-SB-6	45, 46	510	13 - 14	20.5	18.88	20.50	387.12
I9-9-21-SB-7	17	1,445	13 - 14	4.8	53.51	4.80	256.86
I9-9-21-SB-8	51	3,125	13 - 14	0.41	115.73	0.41	47.45
I9-9-21-SB-9	3, 4	584	13 - 14	0.056	21.64	0.06	1.21
I9-9-22-SB-4	55	153	13 - 14	0.025	5.66	0.03	0.14
I9-9-22-SB-5	21, 22	407	13 - 14	0.026	15.07	0.03	0.39
Totals:	--	6,224	--	--	230.50	--	693.17
Volume-Weighted Average:							3.01

**TABLE D-30
EXISTING CONDITIONS
PARCEL I9-9-21 AND -22: 0- TO 15-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

14- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-21-SB-6	35, 36	510	14 - 15	20.5	18.88	20.50	387.12
I9-9-21-SB-7	21	1,445	14 - 15	4.8	53.51	4.80	256.86
I9-9-21-SB-8	41	3,125	14 - 15	0.41	115.73	0.41	47.45
I9-9-21-SB-9	3, 4	584	14 - 15	0.056	21.64	0.06	1.21
I9-9-22-SB-4	45	153	14 - 15	0.025	5.66	0.03	0.14
I9-9-22-SB-5	25, 26	407	14 - 15	0.026	15.07	0.03	0.39
Totals:	--	6,224	--	--	230.50	--	693.17
Volume-Weighted Average:							3.01

SUMMARY: 0- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	6,224	--	--	3,457.50	--	154,310.94
Volume-Weighted Average:							44.63

Notes:

1. Polygon ID and area based on information shown on Figures D-15 through D-23.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

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Parcel I9-9-23 (bank)

**TABLE D-31
EXISTING CONDITIONS
PARCEL I9-9-23: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-23-SB-2	297	278	0 - 0.5	0.22	5.15	0.22	1.13
I9-9-23-SB-3	177	266	0 - 0.5	0.088	4.92	0.09	0.43
I9-9-24-SS-5	306	26	0 - 0.5	1.02	0.49	1.02	0.50
SLB-5 Bottom Bank	250	94	0 - 0.5	0.07	1.74	0.07	0.12
SLB-5 Middle Bank	428	97	0 - 0.5	0.13	1.80	0.13	0.23
SLB-5 Top Bank	76	58	0 - 0.5	0.052	1.07	0.05	0.06
Totals:	--	818	--	--	15.15	--	2.47
Volume-Weighted Average:							0.16

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-23-SB-2	300	278	0.5 - 1	0.22	5.15	0.22	1.13
I9-9-23-SB-3	181	266	0.5 - 1	0.088	4.92	0.09	0.43
I9-9-24-SS-5	309	26	0.5 - 1	1.02	0.49	1.02	0.50
SLB-5 Bottom Bank	422	94	0.5 - 1	0.112	1.74	0.11	0.19
SLB-5 Middle Bank	160	97	0.5 - 1	0.13	1.80	0.13	0.23
SLB-5 Top Bank	424	58	0.5 - 1	0.068	1.07	0.07	0.07
Totals:	--	818	--	--	15.15	--	2.56
Volume-Weighted Average:							0.17

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	818	--	--	30.31	--	5.04
Volume-Weighted Average:							0.17

Notes:

1. Polygon ID and area based on information shown on Figures D-8 and D-9.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-32
EXISTING CONDITIONS
PARCEL I9-9-23: 1- TO X-FOOT [X=3] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-23-SB-1	100	267	1 - 2	0.26	9.89	0.26	2.57
I9-9-23-SB-2	211	286	1 - 2	0.25	10.58	0.25	2.65
I9-9-23-SB-3	5	266	1 - 2	0.35	9.83	0.35	3.44
Totals:	--	818	--	--	30.31	--	8.66
Volume-Weighted Average:							0.29

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-23-SB-1	96	267	2 - 3	0.26	9.89	0.26	2.57
I9-9-23-SB-2	211	286	2 - 3	0.25	10.58	0.25	2.65
I9-9-23-SB-3	5	266	2 - 3	0.35	9.83	0.35	3.44
Totals:	--	818	--	--	30.31	--	8.66
Volume-Weighted Average:							0.29

SUMMARY: 1- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	818	--	--	60.62	--	17.32
Volume-Weighted Average:							0.29

Notes:

1. Polygon ID and area based on information shown on Figures D-10 and D-11.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

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Parcel I9-9-24 (bank)

**TABLE D-33
EXISTING CONDITIONS
PARCEL I9-9-24: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	299	158	0 - 0.5	6.3	2.93	6.30	18.45
I9-9-24-SB-2	300, 300A, 301, 301A	316	0 - 0.5	0.27	5.84	0.27	1.58
I9-9-24-SB-3	178, 178A, 179	174	0 - 0.5	0.55	3.22	0.55	1.77
I9-9-24-SB-6	46, 46A, 302, 302A, 302B, 302C	367	0 - 0.5	0.39	6.79	0.39	2.65
I9-9-24-SB-9	180, 180A, 181	188	0 - 0.5	6	3.48	6.00	20.87
I9-9-24-SB-10	124, 124A, 125	102	0 - 0.5	0.0495	1.89	0.05	0.09
I9-9-24-SS-1	303, 303A	181	0 - 0.5	0.06	3.36	0.06	0.20
I9-9-24-SS-4	25, 25A, 26, 182, 183, 183A, 186, 187, 187A	406	0 - 0.5	0.55	7.52	0.55	4.14
I9-9-24-SS-5	304, 305, 305A	246	0 - 0.5	1.02	4.55	1.02	4.64
I9-9-25-SB-6	189	6	0 - 0.5	0.0175	0.10	0.02	0.002
I9-9-25-SB-7	310, 310A	62	0 - 0.5	0.156	1.14	0.16	0.18
I9-9-25-SB-8	96	1	0 - 0.5	0.93	0.01	0.93	0.01
SLB-5 Bottom Bank	249	14	0 - 0.5	0.07	0.26	0.07	0.02
SLB-5 Middle Bank	427	32	0 - 0.5	0.13	0.60	0.13	0.08
SLB-5 Top Bank	75	2	0 - 0.5	0.052	0.03	0.05	0.002
Totals:	--	2,253	--	--	41.73	--	54.68
Volume-Weighted Average:							1.31

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	302	158	0.5 - 1	6.3	2.93	6.30	18.45
I9-9-24-SB-2	303, 303A, 304, 304A	316	0.5 - 1	0.27	5.84	0.27	1.58
I9-9-24-SB-3	182, 182A, 183	174	0.5 - 1	0.55	3.22	0.55	1.77
I9-9-24-SB-6	52, 52A, 305, 305A, 305B, 305C	367	0.5 - 1	0.39	6.79	0.39	2.65
I9-9-24-SB-9	184, 184A, 185	188	0.5 - 1	6	3.48	6.00	20.87
I9-9-24-SB-10	121, 121A, 122	102	0.5 - 1	0.0495	1.89	0.05	0.09
I9-9-24-SS-1	306, 306A	181	0.5 - 1	0.06	3.36	0.06	0.20
I9-9-24-SS-4	27, 27A, 28, 186, 187, 187A, 190, 191, 191A	406	0.5 - 1	0.55	7.52	0.55	4.14
I9-9-24-SS-5	307, 308, 308A	246	0.5 - 1	1.02	4.55	1.02	4.64
I9-9-25-SB-6	193	6	0.5 - 1	0.0175	0.10	0.02	0.002
I9-9-25-SB-7	313, 313A	62	0.5 - 1	0.156	1.14	0.16	0.18
I9-9-25-SB-8	92	1	0.5 - 1	0.93	0.01	0.93	0.01
SLB-5 Bottom Bank	421	14	0.5 - 1	0.112	0.26	0.11	0.03
SLB-5 Middle Bank	159	32	0.5 - 1	0.13	0.60	0.13	0.08
SLB-5 Top Bank	423	2	0.5 - 1	0.068	0.03	0.07	0.002
Totals:	--	2,253	--	--	41.73	--	54.69
Volume-Weighted Average:							1.31

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	2,253	--	--	83.45	--	109.37
Volume-Weighted Average:							1.31

Notes:

1. Polygon ID and area based on information shown on Figures D-8 and D-9.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-34
EXISTING CONDITIONS
PARCEL I9-9-24: 1- TO X-FOOT [X=15] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-23-SB-1	99	181	1 - 2	0.26	6.72	0.26	1.75
I9-9-24-SB-1	213	190	1 - 2	0.87	7.05	0.87	6.14
I9-9-24-SB-2	101, 101A, 102, 102A	590	1 - 2	27.2	21.84	27.20	594.04
I9-9-24-SB-3	214, 214A, 214B, 215	272	1 - 2	1.97	10.06	1.97	19.81
I9-9-24-SB-5	216	14	1 - 2	0.5	0.51	0.50	0.26
I9-9-24-SB-6	104, 104A, 105, 105A, 105B	585	1 - 2	1.22	21.65	1.22	26.42
I9-9-24-SB-9	218, 218A, 219	277	1 - 2	0.019	10.27	0.02	0.20
I9-9-25-SB-6	14, 17	77	1 - 2	0.3545	2.85	0.35	1.01
I9-9-25-SB-7	223, 223A	67	1 - 2	0.102	2.48	0.10	0.25
I9-9-25-SB-8	110	1	1 - 2	28	0.02	28.00	0.56
Totals:	--	2,253	--	--	83.45	--	650.42
						Volume-Weighted Average:	7.79

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-23-SB-1	95	181	2 - 3	0.26	6.72	0.26	1.75
I9-9-24-SB-1	213	190	2 - 3	0.87	7.05	0.87	6.14
I9-9-24-SB-2	97, 97A, 98, 98A	590	2 - 3	27.2	21.84	27.20	594.04
I9-9-24-SB-3	214, 214A, 214B, 215	272	2 - 3	1.97	10.06	1.97	19.81
I9-9-24-SB-5	216	14	2 - 3	0.5	0.51	0.50	0.26
I9-9-24-SB-6	100, 100A, 101, 101A, 101B	585	2 - 3	1.22	21.65	1.22	26.42
I9-9-24-SB-9	218, 218A, 219	277	2 - 3	0.019	10.27	0.02	0.20
I9-9-25-SB-6	15, 18	77	2 - 3	0.3545	2.85	0.35	1.01
I9-9-25-SB-7	223, 223A	67	2 - 3	0.102	2.48	0.10	0.25
I9-9-25-SB-8	106	1	2 - 3	28	0.02	28.00	0.56
Totals:	--	2,253	--	--	83.45	--	650.42
						Volume-Weighted Average:	7.79

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	63, 63A	528	3 - 4	0.88	19.54	0.88	17.19
I9-9-24-SB-2	126, 126A, 127, 127A	830	3 - 4	0.36	30.75	0.36	11.07
I9-9-24-SB-3	19, 19A, 19B, 20, 20A	499	3 - 4	0.56	18.47	0.56	10.34
I9-9-24-SB-5	64	38	3 - 4	0.2575	1.41	0.26	0.36
I9-9-24-SB-9	129, 129A, 130	277	3 - 4	0.79	10.27	0.79	8.12
I9-9-25-SB-8	9, 12	81	3 - 4	1.64	3.01	1.64	4.94
Totals:	--	2,253	--	--	83.45	--	52.02
						Volume-Weighted Average:	0.62

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	72, 72A	528	4 - 5	0.88	19.54	0.88	17.19
I9-9-24-SB-2	129, 129A, 130, 130A	830	4 - 5	0.36	30.75	0.36	11.07
I9-9-24-SB-3	22, 22A, 22B, 23, 23B	499	4 - 5	0.56	18.47	0.56	10.34
I9-9-24-SB-5	73	38	4 - 5	0.2575	1.41	0.26	0.36
I9-9-24-SB-9	132, 132A, 133	277	4 - 5	0.79	10.27	0.79	8.12
I9-9-25-SB-8	11, 14	81	4 - 5	1.64	3.01	1.64	4.94
Totals:	--	2,253	--	--	83.45	--	52.02
						Volume-Weighted Average:	0.62

**TABLE D-34
EXISTING CONDITIONS
PARCEL I9-9-24: 1- TO X-FOOT [X=15] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	58, 58A	528	5 - 6	0.49	19.54	0.49	9.57
I9-9-24-SB-2	102, 102A, 103, 103A	830	5 - 6	0.45	30.75	0.45	13.84
I9-9-24-SB-3	29, 29A, 29B, 30, 30A	499	5 - 6	0.0265	18.47	0.03	0.49
I9-9-24-SB-5	105	38	5 - 6	0.033	1.41	0.03	0.05
I9-9-24-SB-9	59, 59A, 60	277	5 - 6	2.2	10.27	2.20	22.60
I9-9-25-SB-8	110, 113	81	5 - 6	1.64	3.01	1.64	4.94
Totals:	--	2,253	--	--	83.45	--	51.48
Volume-Weighted Average:							0.62

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	100, 100A	528	6 - 7	0.49	19.54	0.49	9.57
I9-9-24-SB-2	50, 50A, 51, 51A	830	6 - 7	0.45	30.75	0.45	13.84
I9-9-24-SB-3	101, 101A, 101B, 102, 102A	499	6 - 7	0.0265	18.47	0.03	0.49
I9-9-24-SB-5	21	38	6 - 7	0.033	1.41	0.03	0.05
I9-9-24-SB-9	103, 103A, 104	277	6 - 7	2.2	10.27	2.20	22.60
I9-9-25-SB-8	106, 109	81	6 - 7	0.23	3.01	0.23	0.69
Totals:	--	2,253	--	--	83.45	--	47.24
Volume-Weighted Average:							0.57

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	103, 103A	528	7 - 8	1.14	19.54	1.14	22.27
I9-9-24-SB-2	62, 62A, 63, 63A	830	7 - 8	0.63	30.75	0.63	19.38
I9-9-24-SB-3	104, 104A, 104B, 105, 105A	510	7 - 8	0.42	18.90	0.42	7.94
I9-9-24-SB-9	17, 17A, 18	277	7 - 8	0.78	10.27	0.78	8.01
I9-9-25-SB-8	28, 31	108	7 - 8	0.23	3.98	0.23	0.92
Totals:	--	2,253	--	--	83.45	--	58.52
Volume-Weighted Average:							0.70

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	86, 86A	528	8 - 9	1.14	19.54	1.14	22.27
I9-9-24-SB-2	44, 44A, 45, 45A	830	8 - 9	0.63	30.75	0.63	19.38
I9-9-24-SB-3	87, 87A, 87B, 88, 88A	510	8 - 9	0.42	18.90	0.42	7.94
I9-9-24-SB-9	13, 13A, 14	277	8 - 9	0.78	10.27	0.78	8.01
I9-9-25-SB-8	47, 50	108	8 - 9	0.23	3.98	0.23	0.92
Totals:	--	2,253	--	--	83.45	--	58.52
Volume-Weighted Average:							0.70

9- TO 10-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	3, 3A	528	9 - 10	7.39	19.54	7.39	144.39
I9-9-24-SB-2	74, 74A, 75, 75A	830	9 - 10	0.34	30.75	0.34	10.46
I9-9-24-SB-3	44, 44A, 44B, 45, 45A	510	9 - 10	0.36	18.90	0.36	6.80
I9-9-24-SB-9	77, 77A, 78	277	9 - 10	0.65	10.27	0.65	6.68
I9-9-25-SB-8	79, 82	108	9 - 10	0.23	3.98	0.23	0.92
Totals:	--	2,253	--	--	83.45	--	169.24
Volume-Weighted Average:							2.03

**TABLE D-34
EXISTING CONDITIONS
PARCEL I9-9-24: 1- TO X-FOOT [X=15] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

10- TO 11-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	76, 76A	528	10 - 11	7.39	19.54	7.39	144.39
I9-9-24-SB-2	5, 5A, 6, 6A	830	10 - 11	0.34	30.75	0.34	10.46
I9-9-24-SB-3	77, 77A, 77B, 78, 78A	510	10 - 11	0.36	18.90	0.36	6.80
I9-9-24-SB-9	43, 43A, 44	277	10 - 11	0.65	10.27	0.65	6.68
I9-9-25-SB-8	14, 17	108	10 - 11	0.028	3.98	0.03	0.11
Totals:	--	2,253	--	--	83.45	--	168.44
						Volume-Weighted Average:	2.02

11- TO 12-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	65, 65A	528	11 - 12	6.4	19.54	6.40	125.04
I9-9-24-SB-2	19, 19A, 20, 20A, 20B	830	11 - 12	1.73	30.76	1.73	53.21
I9-9-24-SB-3	66, 67, 67A	510	11 - 12	0.037	18.90	0.04	0.70
I9-9-24-SB-9	36, 36A, 37, 37A	277	11 - 12	0.046	10.27	0.05	0.47
I9-9-25-SB-8	2, 5	108	11 - 12	0.028	3.98	0.03	0.11
Totals:	--	2,253	--	--	83.45	--	179.53
						Volume-Weighted Average:	2.15

12- TO 13-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	59, 59A	528	12 - 13	6.4	19.54	6.40	125.04
I9-9-24-SB-2	11, 11A, 12, 12A, 12B	830	12 - 13	1.73	30.76	1.73	53.21
I9-9-24-SB-3	60, 61, 61A,	510	12 - 13	0.037	18.90	0.04	0.70
I9-9-24-SB-9	34, 34A, 35, 35A	277	12 - 13	0.046	10.27	0.05	0.47
I9-9-25-SB-8	62, 65	108	12 - 13	0.028	3.98	0.03	0.11
Totals:	--	2,253	--	--	83.45	--	179.53
						Volume-Weighted Average:	2.15

13- TO 14-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	59, 59A	442	13 - 14	2.1	16.36	2.10	34.36
I9-9-24-SB-2	10, 10A, 11	316	13 - 14	610	11.71	610.00	7,142.13
I9-9-24-SB-3	60, 61	316	13 - 14	0.034	11.70	0.03	0.40
I9-9-24-SB-7	23, 23A, 24, 24A	459	13 - 14	13.7	17.00	13.70	232.91
I9-9-24-SB-8	62, 62A, 63, 63A	426	13 - 14	1.42	15.78	1.42	22.41
I9-9-24-SB-9	2, 2A	188	13 - 14	0.0405	6.95	0.04	0.28
I9-9-25-SB-8	65, 68	107	13 - 14	0.028	3.95	0.03	0.11
Totals:	--	2,253	--	--	83.45	--	7,432.60
						Volume-Weighted Average:	89.07

**TABLE D-34
EXISTING CONDITIONS
PARCEL I9-9-24: 1- TO X-FOOT [X=15] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

14- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	49, 49A	442	14 - 15	2.1	16.36	2.10	34.36
I9-9-24-SB-2	14, 14A, 15	316	14 - 15	610	11.71	610.00	7,142.13
I9-9-24-SB-3	50, 51	316	14 - 15	0.034	11.70	0.03	0.40
I9-9-24-SB-7	27, 27A, 28, 28A	459	14 - 15	13.7	17.00	13.70	232.88
I9-9-24-SB-8	52, 52A, 53, 53A	426	14 - 15	1.42	15.78	1.42	22.41
I9-9-24-SB-9	2, 2A	188	14 - 15	0.0405	6.95	0.04	0.28
I9-9-25-SB-8	55, 58	107	14 - 15	0.028	3.95	0.03	0.11
Totals:	--	2,253	--	--	83.45	--	7,432.57
Volume-Weighted Average:							89.07

SUMMARY: 1- TO X-FOOT DEPTH [X=15] INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	2,253	--	--	1,168.30	--	17,182.56
Volume-Weighted Average:							14.71

Notes:

1. Polygon ID and area based on information shown on Figures D-10 through D-23.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-35
POST-REMEDATION CONDITIONS
PARCEL I9-9-24: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	299	158	0 - 0.5	0.021	2.93	0.02	0.06
I9-9-24-SB-2	300, 300A, 301, 301A	316	0 - 0.5	0.021	5.84	0.02	0.12
I9-9-24-SB-3	178	32	0 - 0.5	0.55	0.59	0.55	0.32
I9-9-24-SB-3	178A, 179	142	0 - 0.5	0.021	2.63	0.02	0.06
I9-9-24-SB-6	46, 46A, 302, 302B, 302C	357	0 - 0.5	0.021	6.60	0.02	0.14
I9-9-24-SB-6	302A	10	0 - 0.5	0.39	0.18	0.39	0.07
I9-9-24-SB-9	180, 181	82	0 - 0.5	0.021	1.51	0.02	0.03
I9-9-24-SB-9	180A	106	0 - 0.5	6	1.97	6.00	11.81
I9-9-24-SB-10	124	89	0 - 0.5	0.0495	1.65	0.05	0.08
I9-9-24-SB-10	124A, 125	13	0 - 0.5	0.021	0.24	0.02	0.01
I9-9-24-SS-1	303, 303A	181	0 - 0.5	0.021	3.36	0.02	0.07
I9-9-24-SS-4	25, 26, 182, 183A, 186, 187	198	0 - 0.5	0.021	3.67	0.02	0.08
I9-9-24-SS-4	25A, 183, 187A	208	0 - 0.5	0.55	3.86	0.55	2.12
I9-9-24-SS-5	304, 305, 305A	246	0 - 0.5	0.021	4.55	0.02	0.10
I9-9-25-SB-6	189	6	0 - 0.5	0.0175	0.10	0.02	0.002
I9-9-25-SB-7	310	45	0 - 0.5	0.021	0.84	0.02	0.02
I9-9-25-SB-7	310A	16	0 - 0.5	0.156	0.30	0.16	0.05
I9-9-25-SB-8	96	1	0 - 0.5	0.93	0.01	0.93	0.01
SLB-5 Bottom Bank	249	14	0 - 0.5	0.021	0.26	0.02	0.01
SLB-5 Middle Bank	427	32	0 - 0.5	0.021	0.60	0.02	0.01
SLB-5 Top Bank	75	2	0 - 0.5	0.021	0.03	0.02	0.001
Totals:	--	2,253	--	--	41.73	--	15.16
Volume-Weighted Average:							0.36

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	302	158	0.5 - 1	0.021	2.93	0.02	0.06
I9-9-24-SB-2	303, 303A, 304, 304A	316	0.5 - 1	0.021	5.84	0.02	0.12
I9-9-24-SB-3	182, 183	142	0.5 - 1	0.021	2.63	0.02	0.06
I9-9-24-SB-3	182A	32	0.5 - 1	0.55	0.59	0.55	0.32
I9-9-24-SB-6	52, 52A, 305, 305A, 305C	357	0.5 - 1	0.021	6.60	0.02	0.14
I9-9-24-SB-6	305B	10	0.5 - 1	0.39	0.18	0.39	0.07
I9-9-24-SB-9	184, 185	82	0.5 - 1	0.021	1.51	0.02	0.03
I9-9-24-SB-9	184A	106	0.5 - 1	6	1.97	6.00	11.81
I9-9-24-SB-10	121	89	0.5 - 1	0.0495	1.65	0.05	0.08
I9-9-24-SB-10	121A, 122	13	0.5 - 1	0.021	0.24	0.02	0.01
I9-9-24-SS-1	306, 306A	181	0.5 - 1	0.021	3.36	0.02	0.07
I9-9-24-SS-4	27, 28, 186, 187, 190, 191	198	0.5 - 1	0.021	3.67	0.02	0.08
I9-9-24-SS-4	27A, 187A, 191A	208	0.5 - 1	0.55	3.86	0.55	2.12
I9-9-24-SS-5	307, 308, 308A	246	0.5 - 1	0.021	4.55	0.02	0.10
I9-9-25-SB-6	193	6	0.5 - 1	0.0175	0.10	0.02	0.002
I9-9-25-SB-7	313	45	0.5 - 1	0.021	0.84	0.02	0.02
I9-9-25-SB-7	313A	16	0.5 - 1	0.156	0.30	0.16	0.05
I9-9-25-SB-8	92	1	0.5 - 1	0.93	0.01	0.93	0.01
SLB-5 Bottom Bank	421	14	0.5 - 1	0.021	0.26	0.02	0.01
SLB-5 Middle Bank	159	32	0.5 - 1	0.021	0.60	0.02	0.01
SLB-5 Top Bank	423	2	0.5 - 1	0.021	0.03	0.02	0.001
Totals:	--	2,253	--	--	41.73	--	15.16
Volume-Weighted Average:							0.36

**TABLE D-35
POST-REMEDICATION CONDITIONS
PARCEL I9-9-24: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	2,253	--	--	83.45	--	30.31
Volume-Weighted Average:							0.36

Notes:

1. Polygon ID and area based on information shown on Figures D-8 and D-9.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
4. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

**TABLE D-36
POST-REMEDATION CONDITIONS
PARCEL I9-9-24: 1- TO X-FOOT [X=15] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-23-SB-1	99	181	1 - 2	0.021	6.72	0.02	0.14
I9-9-24-SB-1	213	190	1 - 2	0.021	7.05	0.02	0.15
I9-9-24-SB-2	101, 101A, 102, 102A	590	1 - 2	0.021	21.84	0.02	0.46
I9-9-24-SB-3	214, 214A	43	1 - 2	1.97	1.60	1.97	3.16
I9-9-24-SB-3	214B, 215	228	1 - 2	0.021	8.45	0.02	0.18
I9-9-24-SB-5	216	14	1 - 2	0.5	0.51	0.50	0.26
I9-9-24-SB-6	104, 105	116	1 - 2	1.22	4.31	1.22	5.26
I9-9-24-SB-6	104A, 105A, 105B	468	1 - 2	0.021	17.34	0.02	0.36
I9-9-24-SB-9	218, 219	82	1 - 2	0.021	3.02	0.02	0.06
I9-9-24-SB-9	218A	196	1 - 2	0.019	7.25	0.02	0.14
I9-9-25-SB-6	14, 17	77	1 - 2	0.3545	2.85	0.35	1.01
I9-9-25-SB-7	223	45	1 - 2	0.021	1.68	0.02	0.04
I9-9-25-SB-7	223A	22	1 - 2	0.102	0.80	0.10	0.08
I9-9-25-SB-8	110	1	1 - 2	28	0.02	28.00	0.56
Totals:	--	2,253	--	--	83.45	--	11.85
Volume-Weighted Average:							0.14

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-23-SB-1	95	181	2 - 3	0.021	6.72	0.02	0.14
I9-9-24-SB-1	213	190	2 - 3	0.021	7.05	0.02	0.15
I9-9-24-SB-2	97, 97A, 98, 98A	590	2 - 3	0.021	21.84	0.02	0.46
I9-9-24-SB-3	214, 214A	43	2 - 3	1.97	1.60	1.97	3.16
I9-9-24-SB-3	214B, 215	228	2 - 3	0.021	8.45	0.02	0.18
I9-9-24-SB-5	216	14	2 - 3	0.5	0.51	0.50	0.26
I9-9-24-SB-6	100, 101	116	2 - 3	1.22	4.31	1.22	5.26
I9-9-24-SB-6	100A, 101A, 101B	468	2 - 3	0.021	17.34	0.02	0.36
I9-9-24-SB-9	218, 219	82	2 - 3	0.021	3.02	0.02	0.06
I9-9-24-SB-9	218A	196	2 - 3	0.019	7.25	0.02	0.14
I9-9-25-SB-6	15, 18	77	2 - 3	0.3545	2.85	0.35	1.01
I9-9-25-SB-7	223	45	2 - 3	0.021	1.68	0.02	0.04
I9-9-25-SB-7	223A	22	2 - 3	0.102	0.80	0.10	0.08
I9-9-25-SB-8	106	1	2 - 3	28	0.02	28.00	0.56
Totals:	--	2,253	--	--	83.45	--	11.85
Volume-Weighted Average:							0.14

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	63	44	3 - 4	0.88	1.64	0.88	1.44
I9-9-24-SB-1	63A	483	3 - 4	0.021	17.90	0.02	0.38
I9-9-24-SB-2	126, 126A, 127, 127A	830	3 - 4	0.021	30.75	0.02	0.65
I9-9-24-SB-3	19, 19A, 20	109	3 - 4	0.56	4.04	0.56	2.26
I9-9-24-SB-3	19B, 20A	390	3 - 4	0.021	14.43	0.02	0.30
I9-9-24-SB-5	64	38	3 - 4	0.2575	1.41	0.26	0.36
I9-9-24-SB-9	129, 130	82	3 - 4	0.021	3.02	0.02	0.06
I9-9-24-SB-9	129A	196	3 - 4	0.79	7.25	0.79	5.73
I9-9-25-SB-8	9, 12	81	3 - 4	1.64	3.01	1.64	4.94
Totals:	--	2,253	--	--	83.45	--	16.12
Volume-Weighted Average:							0.19

**TABLE D-36
POST-REMEDATION CONDITIONS
PARCEL I9-9-24: 1- TO X-FOOT [X=15] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	72	44	4 - 5	0.88	1.64	0.88	1.44
I9-9-24-SB-1	72A	483	4 - 5	0.021	17.90	0.02	0.38
I9-9-24-SB-2	129, 129A, 130, 130A	830	4 - 5	0.021	30.75	0.02	0.65
I9-9-24-SB-3	22, 22A, 23	109	4 - 5	0.56	4.04	0.56	2.26
I9-9-24-SB-3	22B, 23A	390	4 - 5	0.021	14.43	0.02	0.30
I9-9-24-SB-5	73	38	4 - 5	0.2575	1.41	0.26	0.36
I9-9-24-SB-9	132, 133	82	4 - 5	0.021	3.02	0.02	0.06
I9-9-24-SB-9	132A	196	4 - 5	0.79	7.25	0.79	5.73
I9-9-25-SB-8	11, 14	81	4 - 5	1.64	3.01	1.64	4.94
Totals:	--	2,253	--	--	83.45	--	16.12
Volume-Weighted Average:							0.19

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	58	44	5 - 6	0.49	1.64	0.49	0.80
I9-9-24-SB-1	58A	483	5 - 6	0.021	17.90	0.02	0.38
I9-9-24-SB-2	102, 102A, 103, 103A	830	5 - 6	0.021	30.75	0.02	0.65
I9-9-24-SB-3	29, 29A, 30	109	5 - 6	0.0265	4.04	0.03	0.11
I9-9-24-SB-3	29B, 30A	390	5 - 6	0.021	14.43	0.02	0.30
I9-9-24-SB-5	105	38	5 - 6	0.033	1.41	0.03	0.05
I9-9-24-SB-9	59, 60	82	5 - 6	0.021	3.02	0.02	0.06
I9-9-24-SB-9	59A	196	5 - 6	2.2	7.25	2.20	15.95
I9-9-25-SB-8	110, 113	81	5 - 6	1.64	3.01	1.64	4.94
Totals:	--	2,253	--	--	83.45	--	22.43
Volume-Weighted Average:							0.27

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	100	483	6 - 7	0.021	17.90	0.02	0.38
I9-9-24-SB-1	100A	44	6 - 7	0.49	1.64	0.49	0.80
I9-9-24-SB-2	50, 50A, 51, 51A	830	6 - 7	0.021	30.75	0.02	0.65
I9-9-24-SB-3	101, 101A, 102	109	6 - 7	0.0265	4.04	0.03	0.11
I9-9-24-SB-3	101B, 102A	390	6 - 7	0.021	14.43	0.02	0.30
I9-9-24-SB-5	21	38	6 - 7	0.033	1.41	0.03	0.05
I9-9-24-SB-9	103, 104	82	6 - 7	0.021	3.02	0.02	0.06
I9-9-24-SB-9	103A	196	6 - 7	2.2	7.25	2.20	15.95
I9-9-25-SB-8	106, 109	81	6 - 7	0.23	3.01	0.23	0.69
Totals:	--	2,253	--	--	83.45	--	18.99
Volume-Weighted Average:							0.23

**TABLE D-36
POST-REMEDATION CONDITIONS
PARCEL I9-9-24: 1- TO X-FOOT [X=15] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	103	483	7 - 8	0.021	17.90	0.02	0.38
I9-9-24-SB-1	103A	44	7 - 8	1.14	1.64	1.14	1.87
I9-9-24-SB-2	62, 62A, 63, 63A	830	7 - 8	0.021	30.75	0.02	0.65
I9-9-24-SB-3	104, 104A, 105	121	7 - 8	0.42	4.47	0.42	1.88
I9-9-24-SB-3	104B, 105A	390	7 - 8	0.021	14.43	0.02	0.30
I9-9-24-SB-9	17, 18	82	7 - 8	0.021	3.02	0.02	0.06
I9-9-24-SB-9	17A	196	7 - 8	0.78	7.25	0.78	5.65
I9-9-25-SB-8	28, 31	108	7 - 8	0.23	3.98	0.23	0.92
Totals:	--	2,253	--	--	83.45	--	11.70
Volume-Weighted Average:							0.14

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	86	44	8 - 9	1.14	1.64	1.14	1.87
I9-9-24-SB-1	86A	483	8 - 9	0.021	17.90	0.02	0.38
I9-9-24-SB-2	44, 44A, 45, 45A	830	8 - 9	0.021	30.75	0.02	0.65
I9-9-24-SB-3	87, 87A, 88	121	8 - 9	0.42	4.47	0.42	1.88
I9-9-24-SB-3	87B, 88A	390	8 - 9	0.021	14.43	0.02	0.30
I9-9-24-SB-9	13, 14	82	8 - 9	0.021	3.02	0.02	0.06
I9-9-24-SB-9	13A	196	8 - 9	0.78	7.25	0.78	5.65
I9-9-25-SB-8	47, 50	108	8 - 9	0.23	3.98	0.23	0.92
Totals:	--	2,253	--	--	83.45	--	11.70
Volume-Weighted Average:							0.14

9- TO 10-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	3	44	9 - 10	7.39	1.64	7.39	12.10
I9-9-24-SB-1	3A	483	9 - 10	0.021	17.90	0.02	0.38
I9-9-24-SB-2	74, 74A, 75, 75A	830	9 - 10	0.021	30.75	0.02	0.65
I9-9-24-SB-3	44, 44A, 45	121	9 - 10	0.36	4.47	0.36	1.61
I9-9-24-SB-3	44B, 45A	390	9 - 10	0.021	14.43	0.02	0.30
I9-9-24-SB-9	77, 78	82	9 - 10	0.021	3.02	0.02	0.06
I9-9-24-SB-9	77A	196	9 - 10	0.65	7.25	0.65	4.71
I9-9-25-SB-8	79, 82	108	9 - 10	0.23	3.98	0.23	0.92
Totals:	--	2,253	--	--	83.45	--	20.73
Volume-Weighted Average:							0.25

10- TO 11-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	76	44	10 - 11	7.39	1.64	7.39	12.10
I9-9-24-SB-1	76A	483	10 - 11	0.021	17.90	0.02	0.38
I9-9-24-SB-2	5, 5A, 6, 6A	830	10 - 11	0.021	30.75	0.02	0.65
I9-9-24-SB-3	77, 77B, 78	121	10 - 11	0.36	4.47	0.36	1.61
I9-9-24-SB-3	77A, 78A	390	10 - 11	0.021	14.43	0.02	0.30
I9-9-24-SB-9	43, 44	82	10 - 11	0.021	3.02	0.02	0.06
I9-9-24-SB-9	43A	196	10 - 11	0.65	7.25	0.65	4.71
I9-9-25-SB-8	14, 17	108	10 - 11	0.028	3.98	0.03	0.11
Totals:	--	2,253	--	--	83.45	--	19.92
Volume-Weighted Average:							0.24

**TABLE D-36
POST-REMEDATION CONDITIONS
PARCEL I9-9-24: 1- TO X-FOOT [X=15] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

11- TO 12-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	65	419	11 - 12	6.4	15.52	6.40	99.33
I9-9-24-SB-1	65A	108	11 - 12	0.021	4.02	0.02	0.08
I9-9-24-SB-2	19, 19A, 20, 20A, 20B	830	11 - 12	0.021	30.76	0.02	0.65
I9-9-24-SB-3	66, 67	496	11 - 12	0.037	18.38	0.04	0.68
I9-9-24-SB-3	67A	14	11 - 12	0.021	0.52	0.02	0.01
I9-9-24-SB-9	36, 37	251	11 - 12	0.046	9.28	0.05	0.43
I9-9-24-SB-9	36A, 37A	27	11 - 12	0.021	0.99	0.02	0.02
I9-9-25-SB-8	2, 5	108	11 - 12	0.028	3.98	0.03	0.11
Totals:	--	2,253	--	--	83.45	--	101.31
Volume-Weighted Average:							1.21

12- TO 13-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	59	419	12 - 13	6.4	15.52	6.40	99.33
I9-9-24-SB-1	59A	108	12 - 13	0.021	4.02	0.02	0.08
I9-9-24-SB-2	11, 11A, 12, 12A, 12B	830	12 - 13	0.021	30.76	0.02	0.65
I9-9-24-SB-3	60, 61	496	12 - 13	0.037	18.38	0.04	0.68
I9-9-24-SB-3	61A	14	12 - 13	0.021	0.52	0.02	0.01
I9-9-24-SB-9	34, 35A	251	12 - 13	0.046	9.28	0.05	0.43
I9-9-24-SB-9	34A, 35	27	12 - 13	0.021	0.99	0.02	0.02
I9-9-25-SB-8	62, 65	108	12 - 13	0.028	3.98	0.03	0.11
Totals:	--	2,253	--	--	83.45	--	101.31
Volume-Weighted Average:							1.21

13- TO 14-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	59	335	13 - 14	2.1	12.41	2.10	26.06
I9-9-24-SB-1	59A	107	13 - 14	0.021	3.95	0.02	0.08
I9-9-24-SB-2	10, 10A, 11	316	13 - 14	0.021	11.71	0.02	0.25
I9-9-24-SB-3	60, 61	316	13 - 14	0.034	11.70	0.03	0.40
I9-9-24-SB-7	23, 24A	132	13 - 14	0.021	4.90	0.02	0.10
I9-9-24-SB-7	23A, 24	327	13 - 14	13.7	12.10	13.70	165.78
I9-9-24-SB-8	62, 63A	111	13 - 14	0.021	4.12	0.02	0.09
I9-9-24-SB-8	62A, 63	315	13 - 14	1.42	11.66	1.42	16.55
I9-9-24-SB-9	2	1	13 - 14	0.021	0.02	0.02	0.001
I9-9-24-SB-9	2A	187	13 - 14	0.0405	6.92	0.04	0.28
I9-9-25-SB-8	65, 68	107	13 - 14	0.028	3.95	0.03	0.11
Totals:	--	2,253	--	--	83.45	--	209.70
Volume-Weighted Average:							2.51

**TABLE D-36
POST-REMEDATION CONDITIONS
PARCEL I9-9-24: 1- TO X-FOOT [X=15] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

14- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	49	107	14 - 15	0.021	3.95	0.02	0.08
I9-9-24-SB-1	49A	335	14 - 15	2.1	12.41	2.10	26.06
I9-9-24-SB-2	14, 14A, 15	316	14 - 15	0.021	11.71	0.02	0.25
I9-9-24-SB-3	50, 51	316	14 - 15	0.034	11.70	0.03	0.40
I9-9-24-SB-7	27, 28A	132	14 - 15	0.021	4.90	0.02	0.10
I9-9-24-SB-7	27A, 28	327	14 - 15	13.7	12.10	13.70	165.75
I9-9-24-SB-8	52, 53A	111	14 - 15	0.021	4.12	0.02	0.09
I9-9-24-SB-8	52A, 53	315	14 - 15	1.42	11.66	1.42	16.55
I9-9-24-SB-9	2	1	14 - 15	0.021	0.02	0.02	0.001
I9-9-24-SB-9	2A	187	14 - 15	0.0405	6.92	0.04	0.28
I9-9-25-SB-8	55, 58	107	14 - 15	0.028	3.95	0.03	0.11
Totals:	--	2,253	--	--	83.45	--	209.67
Volume-Weighted Average:							2.51

SUMMARY: 1- TO X-FOOT DEPTH [X=15] INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	2,253	--	--	1,168.29	--	783.40
Volume-Weighted Average:							0.67

Notes:

1. Polygon ID and area based on information shown on Figures D-10 through D-23.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

ARCADIS

Parcel I9-9-25 (bank)

**TABLE D-37
EXISTING CONDITIONS
PARCEL I9-9-25: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	298	1	0 - 0.5	6.3	0.01	6.30	0.06
I9-9-24-SS-4	185	6	0 - 0.5	0.55	0.11	0.55	0.06
I9-9-25-SB-1	81	134	0 - 0.5	0.29	2.48	0.29	0.72
I9-9-25-SB-4	127	43	0 - 0.5	0.63	0.80	0.63	0.50
I9-9-25-SB-5	308	205	0 - 0.5	0.48	3.81	0.48	1.83
I9-9-25-SB-6	191	337	0 - 0.5	0.0175	6.24	0.02	0.11
I9-9-25-SB-7	309	241	0 - 0.5	0.156	4.45	0.16	0.69
I9-9-26-SB-3	129	72	0 - 0.5	16	1.33	16.00	21.25
Totals:	--	1,038	--	--	19.23	--	25.23
Volume-Weighted Average:							1.31

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	301	1	0.5 - 1	6.3	0.01	6.30	0.06
I9-9-24-SS-4	189	6	0.5 - 1	0.55	0.11	0.55	0.06
I9-9-25-SB-1	78	134	0.5 - 1	0.3	2.48	0.30	0.74
I9-9-25-SB-4	124	43	0.5 - 1	0.63	0.80	0.63	0.50
I9-9-25-SB-5	311	205	0.5 - 1	0.48	3.81	0.48	1.83
I9-9-25-SB-6	195	337	0.5 - 1	0.0175	6.24	0.02	0.11
I9-9-25-SB-7	312	241	0.5 - 1	0.156	4.45	0.16	0.69
I9-9-26-SB-3	126	72	0.5 - 1	0.33	1.33	0.33	0.44
Totals:	--	1,038	--	--	19.23	--	4.44
Volume-Weighted Average:							0.23

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,038	--	--	38.46	--	29.67
Volume-Weighted Average:							0.77

Notes:

1. Polygon ID and area based on information shown on Figures D-8 and D-9.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-38
EXISTING CONDITIONS
PARCEL I9-9-25: 0- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE D-37)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,038	--	--	38.46	--	29.67
Volume-Weighted Average:							0.77

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	212	1	1 - 2	0.87	0.02	0.87	0.02
I9-9-25-SB-1	107	134	1 - 2	0.2	4.95	0.20	0.99
I9-9-25-SB-4	109	43	1 - 2	1.23	1.59	1.23	1.96
I9-9-25-SB-5	221	205	1 - 2	0.08	7.61	0.08	0.61
I9-9-25-SB-6	16	342	1 - 2	0.3545	12.67	0.35	4.49
I9-9-25-SB-7	222	242	1 - 2	0.102	8.96	0.10	0.91
I9-9-26-SB-3	113	72	1 - 2	73	2.66	73.00	193.93
Totals:	--	1,038	--	--	38.46	--	202.91
Volume-Weighted Average:							5.28

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-1	212	1	2 - 3	0.87	0.02	0.87	0.02
I9-9-25-SB-1	103	134	2 - 3	0.85	4.95	0.85	4.21
I9-9-25-SB-4	105	43	2 - 3	1.23	1.59	1.23	1.96
I9-9-25-SB-5	221	205	2 - 3	0.08	7.61	0.08	0.61
I9-9-25-SB-6	17	342	2 - 3	0.3545	12.67	0.35	4.49
I9-9-25-SB-7	222	242	2 - 3	0.102	8.96	0.10	0.91
I9-9-26-SB-3	109	72	2 - 3	3.3	2.66	3.30	8.77
Totals:	--	1,038	--	--	38.46	--	20.97
Volume-Weighted Average:							0.55

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,038	--	--	115.37	--	253.54
Volume-Weighted Average:							2.20

Notes:

1. Polygon ID and area based on information shown on Figures D-10 and D-11.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-39

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

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Parcel I9-9-25 (non-bank)

**TABLE D-40
EXISTING CONDITIONS
PARCEL I9-9-25: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-5	95	60	0 - 0.5	0.225	1.11	0.23	0.25
I9-9-25-SB-1	80	73	0 - 0.5	0.29	1.36	0.29	0.39
I9-9-25-SB-2	188	268	0 - 0.5	0.44	4.96	0.44	2.18
I9-9-25-SB-4	126	158	0 - 0.5	0.63	2.92	0.63	1.84
I9-9-25-SB-6	190	128	0 - 0.5	0.0175	2.38	0.02	0.04
I9-9-25-SB-8	97	447	0 - 0.5	0.93	8.29	0.93	7.71
I9-9-25-SB-9	311	494	0 - 0.5	0.136	9.15	0.14	1.24
I9-9-25-SB-10	47, 307	190	0 - 0.5	1.06	3.52	1.06	3.73
I9-9-26-SB-4	312	18	0 - 0.5	0.31	0.33	0.31	0.10
Totals:	--	1,836	--	--	34.00	--	17.49
Volume-Weighted Average:							0.51

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-5	91	60	0.5 - 1	0.225	1.11	0.23	0.25
I9-9-25-SB-1	77	73	0.5 - 1	0.3	1.36	0.30	0.41
I9-9-25-SB-2	192	268	0.5 - 1	0.23	4.96	0.23	1.14
I9-9-25-SB-4	123	158	0.5 - 1	0.63	2.92	0.63	1.84
I9-9-25-SB-6	194	128	0.5 - 1	0.0175	2.38	0.02	0.04
I9-9-25-SB-8	93	447	0.5 - 1	0.93	8.29	0.93	7.71
I9-9-25-SB-9	314	494	0.5 - 1	0.136	9.15	0.14	1.24
I9-9-25-SB-10	53, 310	190	0.5 - 1	1.06	3.52	1.06	3.73
I9-9-26-SB-4	315	18	0.5 - 1	6.6	0.33	6.60	2.16
Totals:	--	1,836	--	--	34.00	--	18.52
Volume-Weighted Average:							0.54

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,836	--	--	68.01	--	36.01
Volume-Weighted Average:							0.53

Notes:

1. Polygon ID and area based on information shown on Figures D-8 and D-9.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-41
EXISTING CONDITIONS
PARCEL I9-9-25: 0- TO 3-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE D-40)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,836	--	--	68.01	--	36.01
						Volume-Weighted Average:	0.53

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-5	217	60	1 - 2	0.5	2.22	0.50	1.11
I9-9-25-SB-1	106	73	1 - 2	0.2	2.71	0.20	0.54
I9-9-25-SB-2	57	268	1 - 2	0.62	9.92	0.62	6.15
I9-9-25-SB-4	108	158	1 - 2	1.23	5.84	1.23	7.19
I9-9-25-SB-6	15	128	1 - 2	0.3545	4.76	0.35	1.69
I9-9-25-SB-8	111	447	1 - 2	28	16.57	28.00	464.05
I9-9-25-SB-9	224	494	1 - 2	0.68	18.29	0.68	12.44
I9-9-25-SB-10	220	190	1 - 2	1.53	7.04	1.53	10.76
I9-9-26-SB-4	225	18	1 - 2	0.064	0.65	0.06	0.04
Totals:	--	1,836	--	--	68.01	--	503.97
						Volume-Weighted Average:	7.41

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-5	217	60	2 - 3	0.5	2.22	0.50	1.11
I9-9-25-SB-1	102	73	2 - 3	0.85	2.71	0.85	2.30
I9-9-25-SB-2	55	268	2 - 3	1.5	9.92	1.50	14.88
I9-9-25-SB-4	104	158	2 - 3	1.23	5.84	1.23	7.19
I9-9-25-SB-6	16	128	2 - 3	0.3545	4.76	0.35	1.69
I9-9-25-SB-8	107	447	2 - 3	28	16.57	28.00	464.05
I9-9-25-SB-9	224	494	2 - 3	0.68	18.29	0.68	12.44
I9-9-25-SB-10	220	190	2 - 3	1.53	7.04	1.53	10.76
I9-9-26-SB-4	225	18	2 - 3	0.02275	0.65	0.02	0.01
Totals:	--	1,836	--	--	68.01	--	514.44
						Volume-Weighted Average:	7.56

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,836	--	--	204.02	--	1,054.42
						Volume-Weighted Average:	5.17

Notes:

1. Polygon ID and area based on information shown on Figures D-10 and D-11.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-42
EXISTING CONDITIONS
PARCEL I9-9-25: 1- TO 6-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-5	217	60	1 - 2	0.5	2.22	0.50	1.11
I9-9-25-SB-1	106	73	1 - 2	0.2	2.71	0.20	0.54
I9-9-25-SB-2	57	268	1 - 2	0.62	9.92	0.62	6.15
I9-9-25-SB-4	108	158	1 - 2	1.23	5.84	1.23	7.19
I9-9-25-SB-6	15	128	1 - 2	0.3545	4.76	0.35	1.69
I9-9-25-SB-8	111	447	1 - 2	28	16.57	28.00	464.05
I9-9-25-SB-9	224	494	1 - 2	0.68	18.29	0.68	12.44
I9-9-25-SB-10	220	190	1 - 2	1.53	7.04	1.53	10.76
I9-9-26-SB-4	225	18	1 - 2	0.064	0.65	0.06	0.04
Totals:	--	1,836	--	--	68.01	--	503.97
Volume-Weighted Average:							7.41

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-5	217	60	2 - 3	0.5	2.22	0.50	1.11
I9-9-25-SB-1	102	73	2 - 3	0.85	2.71	0.85	2.30
I9-9-25-SB-2	55	268	2 - 3	1.5	9.92	1.50	14.88
I9-9-25-SB-4	104	158	2 - 3	1.23	5.84	1.23	7.19
I9-9-25-SB-6	16	128	2 - 3	0.3545	4.76	0.35	1.69
I9-9-25-SB-8	107	447	2 - 3	28	16.57	28.00	464.05
I9-9-25-SB-9	224	494	2 - 3	0.68	18.29	0.68	12.44
I9-9-25-SB-10	220	190	2 - 3	1.53	7.04	1.53	10.76
I9-9-26-SB-4	225	18	2 - 3	0.02275	0.65	0.02	0.01
Totals:	--	1,836	--	--	68.01	--	514.44
Volume-Weighted Average:							7.56

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-5	65	60	3 - 4	0.2575	2.22	0.26	0.57
I9-9-25-SB-1	34	156	3 - 4	0.85	5.77	0.85	4.90
I9-9-25-SB-2	66	317	3 - 4	1.5	11.73	1.50	17.60
I9-9-25-SB-8	10	576	3 - 4	1.64	21.32	1.64	34.96
I9-9-25-SB-9	132	494	3 - 4	2.75	18.29	2.75	50.31
I9-9-25-SB-10	131	190	3 - 4	0.02075	7.04	0.02	0.15
I9-9-26-SB-3	36	23	3 - 4	3.3	0.86	3.30	2.82
I9-9-26-SB-4	133	21	3 - 4	0.02275	0.79	0.02	0.02
Totals:	--	1,836	--	--	68.01	--	111.34
Volume-Weighted Average:							1.64

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-5	74	60	4 - 5	0.2575	2.22	0.26	0.57
I9-9-25-SB-1	38	156	4 - 5	1.7	5.77	1.70	9.80
I9-9-25-SB-2	75	317	4 - 5	0.62	11.73	0.62	7.27
I9-9-25-SB-8	12	576	4 - 5	1.64	21.32	1.64	34.96
I9-9-25-SB-9	135	494	4 - 5	2.75	18.29	2.75	50.31
I9-9-25-SB-10	134	190	4 - 5	0.02075	7.04	0.02	0.15
I9-9-26-SB-3	40	23	4 - 5	0.097	0.86	0.10	0.08
I9-9-26-SB-4	136	21	4 - 5	0.0205	0.79	0.02	0.02
Totals:	--	1,836	--	--	68.01	--	103.17
Volume-Weighted Average:							1.52

**TABLE D-42
EXISTING CONDITIONS
PARCEL I9-9-25: 1- TO 6-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-5	106	60	5 - 6	0.033	2.22	0.03	0.07
I9-9-25-SB-1	107	156	5 - 6	1.7	5.77	1.70	9.80
I9-9-25-SB-2	109	317	5 - 6	0.62	11.73	0.62	7.27
I9-9-25-SB-8	111	576	5 - 6	1.64	21.32	1.64	34.96
I9-9-25-SB-9	31	494	5 - 6	2.75	18.29	2.75	50.31
I9-9-25-SB-10	4	190	5 - 6	0.02075	7.04	0.02	0.15
I9-9-26-SB-3	114	23	5 - 6	0.097	0.86	0.10	0.08
I9-9-26-SB-4	13	21	5 - 6	0.0205	0.79	0.02	0.02
Totals:	--	1,836	--	--	68.01	--	102.67
Volume-Weighted Average:							1.51

SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,836	--	--	340.05	--	1,335.59
Volume-Weighted Average:							3.93

Notes:

1. Polygon ID and area based on information shown on Figures D-10 through D-14.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-43
EXISTING CONDITIONS
PARCEL I9-9-25: 0- TO 15-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE D-40)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,836	--	--	68.01	--	36.01
Volume-Weighted Average:							0.53

SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT (TABLE D-42)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,836	--	--	340.05	--	1,335.59
Volume-Weighted Average:							3.93

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-24-SB-5	22	60	6 - 7	0.033	2.22	0.03	0.07
I9-9-25-SB-1	53	156	6 - 7	4.6	5.77	4.60	26.53
I9-9-25-SB-2	105	317	6 - 7	0.024	11.73	0.02	0.28
I9-9-25-SB-8	107	576	6 - 7	0.23	21.32	0.23	4.90
I9-9-25-SB-9	55	684	6 - 7	0.0215	25.33	0.02	0.54
I9-9-26-SB-3	23	23	6 - 7	0.12	0.86	0.12	0.10
I9-9-26-SB-4	110	21	6 - 7	0.0205	0.79	0.02	0.02
Totals:	--	1,836	--	--	68.01	--	32.45
Volume-Weighted Average:							0.48

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-25-SB-1	106	156	7 - 8	4.6	5.77	4.60	26.53
I9-9-25-SB-2	65	317	7 - 8	0.024	11.73	0.02	0.28
I9-9-25-SB-8	29	595	7 - 8	0.23	22.02	0.23	5.06
I9-9-25-SB-9	108	725	7 - 8	0.0215	26.85	0.02	0.58
I9-9-26-SB-3	109	23	7 - 8	0.12	0.86	0.12	0.10
I9-9-26-SB-4	4	21	7 - 8	0.0205	0.79	0.02	0.02
Totals:	--	1,836	--	--	68.01	--	32.57
Volume-Weighted Average:							0.48

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-25-SB-2	89	444	8 - 9	0.04	16.45	0.04	0.66
I9-9-25-SB-8	48	667	8 - 9	0.23	24.71	0.23	5.68
I9-9-25-SB-9	91	725	8 - 9	0.0215	26.85	0.02	0.58
Totals:	--	1,836	--	--	68.01	--	6.92
Volume-Weighted Average:							0.10

**TABLE D-43
EXISTING CONDITIONS
PARCEL I9-9-25: 0- TO 15-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

9- TO 10-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-25-SB-2	18	444	9 - 10	0.04	16.45	0.04	0.66
I9-9-25-SB-8	80	667	9 - 10	0.23	24.71	0.23	5.68
I9-9-25-SB-9	46	725	9 - 10	0.0215	26.85	0.02	0.58
Totals:	--	1,836	--	--	68.01	--	6.92
Volume-Weighted Average:							0.10

10- TO 11-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-25-SB-2	79	568	10 - 11	0.03	21.03	0.03	0.63
I9-9-25-SB-8	15	1,268	10 - 11	0.028	46.98	0.03	1.32
Totals:	--	1,836	--	--	68.01	--	1.95
Volume-Weighted Average:							0.03

11- TO 12-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-25-SB-2	68	568	11 - 12	0.03	21.03	0.03	0.63
I9-9-25-SB-8	3	1,268	11 - 12	0.028	46.98	0.03	1.32
Totals:	--	1,836	--	--	68.01	--	1.95
Volume-Weighted Average:							0.03

12- TO 13-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-25-SB-8	63	1,828	12 - 13	0.028	67.69	0.03	1.90
I9-9-26-SS-1	2	9	12 - 13	0.025	0.33	0.03	0.01
Totals:	--	1,836	--	--	68.01	--	1.90
Volume-Weighted Average:							0.03

13- TO 14-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-25-SB-8	66	1,828	13 - 14	0.028	67.69	0.03	1.90
I9-9-26-SS-1	25	9	13 - 14	0.025	0.33	0.03	0.01
Totals:	--	1,836	--	--	68.01	--	1.90
Volume-Weighted Average:							0.03

14- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-25-SB-8	56	1,836	14 - 15	0.028	68.01	0.03	1.90
Totals:	--	1,836	--	--	68.01	--	1.90
Volume-Weighted Average:							0.03

**TABLE D-43
EXISTING CONDITIONS
PARCEL I9-9-25: 0- TO 15-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,836	--	--	1,020.15	--	1,460.05
Volume-Weighted Average:							1.43

Notes:

1. Polygon ID and area based on information shown on Figures D-15 through D-23.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

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Parcel I9-9-30 (bank)

**TABLE D-44
EXISTING CONDITIONS
PARCEL I9-9-30: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-30-SB-4	131	542	0 - 0.5	0.54	10.04	0.54	5.42
I9-9-30-SB-5	316	383	0 - 0.5	0.036	7.09	0.04	0.26
I9-9-30-SB-6	194	497	0 - 0.5	0.6	9.20	0.60	5.52
I9-9-30-SB-7	318	439	0 - 0.5	0.171	8.13	0.17	1.39
I9-9-30-SS-1	196	150	0 - 0.5	0.125	2.77	0.13	0.35
I9-9-31-SB-3	321	1	0 - 0.5	0.48	0.03	0.48	0.01
Totals:	--	2,012	--	--	37.26	--	12.95
						Volume-Weighted Average:	0.35

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-30-SB-4	128	542	0.5 - 1	0.54	10.04	0.54	5.42
I9-9-30-SB-5	319	383	0.5 - 1	0.036	7.09	0.04	0.26
I9-9-30-SB-6	198	497	0.5 - 1	0.6	9.20	0.60	5.52
I9-9-30-SB-7	321	439	0.5 - 1	0.171	8.13	0.17	1.39
I9-9-30-SS-1	200	150	0.5 - 1	0.2	2.77	0.20	0.55
I9-9-31-SB-3	324	1	0.5 - 1	0.48	0.03	0.48	0.01
Totals:	--	2,012	--	--	37.26	--	13.16
						Volume-Weighted Average:	0.35

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	2,012	--	--	74.52	--	26.10
						Volume-Weighted Average:	0.35

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-45
EXISTING CONDITIONS
PARCEL I9-9-30: 1- TO X-FOOT [X=3] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-29-SB-1	115	69	1 - 2	0.18	2.55	0.18	0.46
I9-9-30-SB-4	229	542	1 - 2	1.28	20.09	1.28	25.71
I9-9-30-SB-5	117	383	1 - 2	0.61	14.18	0.61	8.65
I9-9-30-SB-6	232	497	1 - 2	1.22	18.40	1.22	22.45
I9-9-30-SB-7	60	520	1 - 2	0.76	19.26	0.76	14.64
I9-9-31-SB-3	235	1	1 - 2	0.46	0.05	0.46	0.02
Totals:	--	2,012	--	--	74.52	--	71.93
						Volume-Weighted Average:	0.97

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-29-SB-1	227	69	2 - 3	0.11	2.55	0.11	0.28
I9-9-30-SB-4	112	542	2 - 3	1.28	20.09	1.28	25.71
I9-9-30-SB-5	231	383	2 - 3	0.61	14.18	0.61	8.65
I9-9-30-SB-6	30	497	2 - 3	1.22	18.40	1.22	22.45
I9-9-30-SB-7	233	520	2 - 3	0.76	19.26	0.76	14.64
I9-9-31-SB-3	115	1	2 - 3	0.46	0.05	0.46	0.02
Totals:	--	2,012	--	--	74.52	--	71.75
						Volume-Weighted Average:	0.96

SUMMARY: 1- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	2,012	--	--	149.05	--	143.67
						Volume-Weighted Average:	0.96

Notes:

1. Polygon ID and area based on information shown on Figures D-3 and D-4.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

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Parcel I9-9-30 (non-bank)

**TABLE D-46
EXISTING CONDITIONS
PARCEL I9-9-30: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-30-SB-1	48, 313	457	0 - 0.5	1.9	8.46	1.90	16.08
I9-9-30-SB-2	27, 192	511	0 - 0.5	0.15	9.46	0.15	1.42
I9-9-30-SB-3	49, 314	265	0 - 0.5	0.024	4.91	0.02	0.12
I9-9-30-SB-4	130	218	0 - 0.5	0.54	4.04	0.54	2.18
I9-9-30-SB-5	50, 315	689	0 - 0.5	0.036	12.76	0.04	0.46
I9-9-30-SB-6	193	60	0 - 0.5	0.6	1.12	0.60	0.67
I9-9-30-SB-7	51, 317	454	0 - 0.5	0.171	8.42	0.17	1.44
I9-9-30-SB-8	12, 98	1,705	0 - 0.5	0.53	31.58	0.53	16.73
I9-9-30-SB-9	52, 319	829	0 - 0.5	0.41	15.35	0.41	6.29
I9-9-30-SB-10	7	760	0 - 0.5	0.47	14.07	0.47	6.61
I9-9-30-SS-1	195	122	0 - 0.5	0.125	2.27	0.13	0.28
Totals:	--	6,070	--	--	112.42	--	52.29
Volume-Weighted Average:							0.47

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-30-SB-1	54, 316	457	0.5 - 1	1.1	8.46	1.10	9.31
I9-9-30-SB-2	29, 196	511	0.5 - 1	0.42	9.46	0.42	3.97
I9-9-30-SB-3	55, 317	265	0.5 - 1	0.027	4.91	0.03	0.13
I9-9-30-SB-4	127	218	0.5 - 1	0.54	4.04	0.54	2.18
I9-9-30-SB-5	56, 318	689	0.5 - 1	0.036	12.76	0.04	0.46
I9-9-30-SB-6	197	60	0.5 - 1	0.6	1.12	0.60	0.67
I9-9-30-SB-7	57, 320	454	0.5 - 1	0.171	8.42	0.17	1.44
I9-9-30-SB-8	12, 94	1,705	0.5 - 1	0.53	31.58	0.53	16.73
I9-9-30-SB-9	58, 322	829	0.5 - 1	0.41	15.35	0.41	6.29
I9-9-30-SB-10	8	760	0.5 - 1	0.47	14.07	0.47	6.61
I9-9-30-SS-1	199	122	0.5 - 1	0.2	2.27	0.20	0.45
Totals:	--	6,070	--	--	112.42	--	48.26
Volume-Weighted Average:							0.43

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	6,070	--	--	224.83	--	100.55
Volume-Weighted Average:							0.45

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-47
EXISTING CONDITIONS
PARCEL I9-9-30: 1- TO X-FOOT [X=6] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-29-SB-1	114	27	1 - 2	0.18	0.99	0.18	0.18
I9-9-30-SB-1	58	510	1 - 2	1.3	18.89	1.30	24.56
I9-9-30-SB-2	227	511	1 - 2	1.1	18.91	1.10	20.80
I9-9-30-SB-3	18	265	1 - 2	0.079	9.82	0.08	0.78
I9-9-30-SB-4	228	218	1 - 2	1.28	8.09	1.28	10.35
I9-9-30-SB-5	116	689	1 - 2	0.61	25.51	0.61	15.56
I9-9-30-SB-6	231	60	1 - 2	1.22	2.24	1.22	2.73
I9-9-30-SB-7	59	497	1 - 2	0.76	18.40	0.76	13.99
I9-9-30-SB-8	233	1,705	1 - 2	2.37	63.15	2.37	149.67
I9-9-30-SB-9	118	829	1 - 2	0.97	30.69	0.97	29.77
I9-9-30-SB-10	226	760	1 - 2	0.301	28.13	0.30	8.47
Totals:	--	6,070	--	--	224.83	--	276.86
Volume-Weighted Average:							1.23

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-29-SB-1	226	27	2 - 3	0.11	0.99	0.11	0.11
I9-9-30-SB-1	228	510	2 - 3	0.0225	18.89	0.02	0.43
I9-9-30-SB-2	56	511	2 - 3	4.1	18.91	4.10	77.54
I9-9-30-SB-3	229	265	2 - 3	0.96	9.82	0.96	9.42
I9-9-30-SB-4	111	218	2 - 3	1.28	8.09	1.28	10.35
I9-9-30-SB-5	230	689	2 - 3	0.61	25.51	0.61	15.56
I9-9-30-SB-6	29	60	2 - 3	1.22	2.24	1.22	2.73
I9-9-30-SB-7	232	497	2 - 3	0.76	18.40	0.76	13.99
I9-9-30-SB-8	114	1,705	2 - 3	2.37	63.15	2.37	149.67
I9-9-30-SB-9	234	829	2 - 3	0.97	30.69	0.97	29.77
I9-9-30-SB-10	110	760	2 - 3	0.301	28.13	0.30	8.47
Totals:	--	6,070	--	--	224.83	--	318.03
Volume-Weighted Average:							1.41

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-29-SB-1	134	38	3 - 4	0.11	1.40	0.11	0.15
I9-9-30-SB-1	137	788	3 - 4	0.0225	29.17	0.02	0.66
I9-9-30-SB-2	67	511	3 - 4	4.1	18.91	4.10	77.54
I9-9-30-SB-3	139	265	3 - 4	0.96	9.82	0.96	9.42
I9-9-30-SB-8	38	2,390	3 - 4	0.78	88.52	0.78	69.05
I9-9-30-SB-9	140	1,320	3 - 4	0.75	48.88	0.75	36.66
I9-9-30-SB-10	13	760	3 - 4	0.143	28.13	0.14	4.02
Totals:	--	6,070	--	--	224.83	--	197.50
Volume-Weighted Average:							0.88

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-29-SB-1	76	38	4 - 5	0.41	1.40	0.41	0.57
I9-9-30-SB-1	137	788	4 - 5	4.911	29.17	4.91	143.25
I9-9-30-SB-2	15	511	4 - 5	0.29	18.91	0.29	5.48
I9-9-30-SB-3	139	265	4 - 5	0.066	9.82	0.07	0.65
I9-9-30-SB-8	80	2,390	4 - 5	0.78	88.52	0.78	69.05
I9-9-30-SB-9	140	1,320	4 - 5	0.75	48.88	0.75	36.66
I9-9-30-SB-10	79	760	4 - 5	0.143	28.13	0.14	4.02
Totals:	--	6,070	--	--	224.83	--	259.69
Volume-Weighted Average:							1.16

**TABLE D-47
EXISTING CONDITIONS
PARCEL I9-9-30: 1- TO X-FOOT [X=6] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-29-SB-1	116	38	5 - 6	0.41	1.40	0.41	0.57
I9-9-30-SB-1	2	788	5 - 6	4.911	29.17	4.91	143.25
I9-9-30-SB-2	120	511	5 - 6	0.29	18.91	0.29	5.48
I9-9-30-SB-3	32	265	5 - 6	0.066	9.82	0.07	0.65
I9-9-30-SB-8	121	2,390	5 - 6	0.78	88.52	0.78	69.05
I9-9-30-SB-9	61	1,320	5 - 6	0.75	48.88	0.75	36.66
I9-9-30-SB-10	119	760	5 - 6	0.143	28.13	0.14	4.02
Totals:	--	6,070	--	--	224.83	--	259.69
Volume-Weighted Average:							1.16

SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	6,070	--	--	1,124.15	--	1,311.76
Volume-Weighted Average:							1.17

Notes:

1. Polygon ID and area based on information shown on Figures D-3 through D-7.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

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Parcel I9-9-31 (bank)

**TABLE D-48
EXISTING CONDITIONS
PARCEL I9-9-31: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-30-SB-4	132	36	0 - 0.5	0.54	0.67	0.54	0.36
I9-9-31-SB-1	320	557	0 - 0.5	0.55	10.31	0.55	5.67
I9-9-31-SB-2	133	311	0 - 0.5	0.251	5.76	0.25	1.45
I9-9-31-SB-3	322	401	0 - 0.5	0.48	7.43	0.48	3.57
I9-9-32-SB-3	71, 71A	184	0 - 0.5	0.135	3.41	0.14	0.46
Totals:	--	1,489	--	--	27.57	--	11.50
Volume-Weighted Average:							0.42

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-30-SB-4	129	36	0.5 - 1	0.54	0.67	0.54	0.36
I9-9-31-SB-1	323	557	0.5 - 1	0.55	10.31	0.55	5.67
I9-9-31-SB-2	130	311	0.5 - 1	0.251	5.76	0.25	1.45
I9-9-31-SB-3	325	401	0.5 - 1	0.48	7.43	0.48	3.57
I9-9-32-SB-3	70, 70A	184	0.5 - 1	0.135	3.41	0.14	0.46
Totals:	--	1,489	--	--	27.57	--	11.50
Volume-Weighted Average:							0.42

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,489	--	--	55.15	--	23.01
Volume-Weighted Average:							0.42

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-49
EXISTING CONDITIONS
PARCEL I9-9-31: 1- TO X-FOOT [X=3] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-30-SB-4	230	36	1 - 2	1.28	1.33	1.28	1.71
I9-9-31-SB-1	234	557	1 - 2	0.166	20.63	0.17	3.42
I9-9-31-SB-2	30	311	1 - 2	0.35	11.52	0.35	4.03
I9-9-31-SB-3	236	401	1 - 2	0.46	14.85	0.46	6.83
I9-9-32-SB-3	61, 61A	184	1 - 2	0.96	6.80	0.96	6.53
Totals:	--	1,489	--	--	55.14	--	22.53
Volume-Weighted Average:							0.41

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-30-SB-4	113	36	2 - 3	1.28	1.33	1.28	1.71
I9-9-31-SB-1	57	557	2 - 3	0.166	20.63	0.17	3.42
I9-9-31-SB-2	235	311	2 - 3	0.35	11.52	0.35	4.03
I9-9-31-SB-3	116	401	2 - 3	0.46	14.85	0.46	6.83
I9-9-32-SB-3	238, 238A	184	2 - 3	0.96	6.80	0.96	6.53
Totals:	--	1,489	--	--	55.14	--	22.53
Volume-Weighted Average:							0.41

SUMMARY: 1- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,489	--	--	110.27	--	45.05
Volume-Weighted Average:							0.41

Notes:

1. Polygon ID and area based on information shown on Figures D-3 and D-4.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-50
POST-REMEDATION CONDITIONS
PARCEL I9-9-31: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-30-SB-4	132	36	0 - 0.5	0.54	0.67	0.54	0.36
I9-9-31-SB-1	320	229	0 - 0.5	0.021	4.24	0.02	0.09
I9-9-31-SB-1	320A	328	0 - 0.5	0.55	6.07	0.55	3.34
I9-9-31-SB-2	133	277	0 - 0.5	0.251	5.12	0.25	1.29
I9-9-31-SB-2	133A	34	0 - 0.5	0.021	0.64	0.02	0.01
I9-9-31-SB-3	322	401	0 - 0.5	0.48	7.43	0.48	3.57
I9-9-32-SB-3	71	183	0 - 0.5	0.021	3.38	0.02	0.07
I9-9-32-SB-3	71A	1	0 - 0.5	0.135	0.02	0.14	0.0031
Totals:	--	1,489	--	--	27.57	--	8.73
						Volume-Weighted Average:	0.32

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-30-SB-4	129	36	0.5 - 1	0.54	0.67	0.54	0.36
I9-9-31-SB-1	323	229	0.5 - 1	0.021	4.24	0.02	0.09
I9-9-31-SB-1	323A	328	0.5 - 1	0.55	6.07	0.55	3.34
I9-9-31-SB-2	130	277	0.5 - 1	0.251	5.12	0.25	1.29
I9-9-31-SB-2	130A	34	0.5 - 1	0.021	0.64	0.02	0.01
I9-9-31-SB-3	325	401	0.5 - 1	0.48	7.43	0.48	3.57
I9-9-32-SB-3	70	183	0.5 - 1	0.021	3.38	0.02	0.07
I9-9-32-SB-3	70A	1	0.5 - 1	0.135	0.02	0.14	0.0031
Totals:	--	1,489	--	--	27.57	--	8.73
						Volume-Weighted Average:	0.32

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,489	--	--	55.15	--	17.45
						Volume-Weighted Average:	0.32

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
4. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

**TABLE D-51
POST-REMEDATION CONDITIONS
PARCEL I9-9-31: 1- TO X-FOOT [X=3] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-30-SB-4	230	36	1 - 2	1.28	1.33	1.28	1.71
I9-9-31-SB-1	234	229	1 - 2	0.021	8.48	0.02	0.18
I9-9-31-SB-1	234A	328	1 - 2	0.166	12.14	0.17	2.02
I9-9-31-SB-2	30	277	1 - 2	0.35	10.24	0.35	3.58
I9-9-31-SB-2	30A	34	1 - 2	0.021	1.28	0.02	0.03
I9-9-31-SB-3	236	401	1 - 2	0.46	14.85	0.46	6.83
I9-9-32-SB-3	61	183	1 - 2	0.021	6.77	0.96	6.50
I9-9-32-SB-3	61A	1	1 - 2	0.96	0.05	0.02	0.00
Totals:	--	1,489	--	--	55.15	--	20.84
						Volume-Weighted Average:	0.38

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-30-SB-4	113	36	2 - 3	1.28	1.33	1.28	1.71
I9-9-31-SB-1	57	229	2 - 3	0.021	8.48	0.02	0.18
I9-9-31-SB-1	57A	328	2 - 3	0.166	12.14	0.17	2.02
I9-9-31-SB-2	235	277	2 - 3	0.35	10.24	0.35	3.58
I9-9-31-SB-2	235A	34	2 - 3	0.021	1.28	0.02	0.03
I9-9-31-SB-3	116	401	2 - 3	0.46	14.85	0.46	6.83
I9-9-32-SB-3	238	183	2 - 3	0.021	6.77	0.02	0.14
I9-9-32-SB-3	238A	1	2 - 3	0.96	0.05	0.96	0.04
Totals:	--	1,489	--	--	55.15	--	14.53
						Volume-Weighted Average:	0.26

SUMMARY: 1- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,489	--	--	110.29	--	35.37
						Volume-Weighted Average:	0.32

Notes:

1. Polygon ID and area based on information shown on Figures D-3 and D-4.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
4. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

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Parcel I9-9-32 (bank)

**TABLE D-52
EXISTING CONDITIONS
PARCEL I9-9-32: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-32-SB-1	197A, 197B	163	0 - 0.5	0.22	3.01	0.22	0.66
I9-9-32-SB-2	323	485	0 - 0.5	0.2	8.97	0.20	1.79
I9-9-32-SB-3	72	323	0 - 0.5	0.135	5.99	0.14	0.81
SL-BH001472	197, 197C	169	0 - 0.5	3.4	3.14	3.40	10.66
Totals:	--	1,140	--	--	21.11	--	13.93
Volume-Weighted Average:							0.66

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-32-SB-1	201A, 201B	163	0.5 - 1	0.22	3.01	0.22	0.66
I9-9-32-SB-2	326	485	0.5 - 1	0.2	8.97	0.20	1.79
I9-9-32-SB-3	71	323	0.5 - 1	0.135	5.99	0.14	0.81
SL-BH001472	201, 201C	169	0.5 - 1	3.4	3.14	3.40	10.66
Totals:	--	1,140	--	--	21.11	--	13.93
Volume-Weighted Average:							0.66

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,140	--	--	42.22	--	27.86
Volume-Weighted Average:							0.66

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-53

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

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**TABLE D-54
EXISTING CONDITIONS
PARCEL I9-9-32: 1- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-32-SB-1	119A, 119B	163	1 - 2	0.2	6.03	0.20	1.21
I9-9-32-SB-2	237	485	1 - 2	71	17.95	71.00	1,274.21
I9-9-32-SB-3	62	323	1 - 2	0.96	11.97	0.96	11.49
SL-BH001472	119, 119C	169	1 - 2	88	6.27	88.00	551.96
Totals:	--	1,140	--	--	42.22	--	1,838.87
Volume-Weighted Average:							43.55

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-32-SB-1	236A, 236B	163	2 - 3	0.2	6.03	0.20	1.21
I9-9-32-SB-2	3	485	2 - 3	71	17.95	71.00	1,274.21
I9-9-32-SB-3	239	323	2 - 3	0.96	11.97	0.96	11.49
SL-BH001472	236, 236C	169	2 - 3	88	6.27	88.00	551.96
Totals:	--	1,140	--	--	42.22	--	1,838.87
Volume-Weighted Average:							43.55

SUMMARY: 1- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,140	--	--	84.44	--	3,677.74
Volume-Weighted Average:							43.55

Notes:

1. Polygon ID and area based on information shown on Figures D-3 and D-4.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-55
POST-REMEDATION CONDITIONS
PARCEL I9-9-32: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-32-SB-1	197A	59	0 - 0.5	0.021	1.09	0.02	0.02
I9-9-32-SB-1	197B	104	0 - 0.5	0.22	1.92	0.22	0.42
I9-9-32-SB-2	323	485	0 - 0.5	0.021	8.97	0.02	0.19
I9-9-32-SB-3	72	323	0 - 0.5	0.021	5.99	0.02	0.13
SL-BH001472	197, 197C	169	0 - 0.5	0.021	3.14	0.02	0.07
Totals:	--	1,140	--	--	21.11	--	0.83
Volume-Weighted Average:							0.04

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-32-SB-1	201A	59	0.5 - 1	0.021	1.09	0.02	0.02
I9-9-32-SB-1	201B	104	0.5 - 1	0.22	1.92	0.22	0.42
I9-9-32-SB-2	326	485	0.5 - 1	0.021	8.97	0.02	0.19
I9-9-32-SB-3	71	323	0.5 - 1	0.021	5.99	0.02	0.13
SL-BH001472	201, 201C	169	0.5 - 1	0.021	3.14	0.02	0.07
Totals:	--	1,140	--	--	21.11	--	0.83
Volume-Weighted Average:							0.04

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,140	--	--	42.22	--	1.65
Volume-Weighted Average:							0.04

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
4. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

TABLE D-56

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

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**TABLE D-57
POST-REMEDATION CONDITIONS
PARCEL I9-9-32: 1- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-32-SB-1	119A	59	1 - 2	0.021	2.19	0.02	0.05
I9-9-32-SB-1	119B	104	1 - 2	0.2	3.84	0.20	0.77
I9-9-32-SB-2	237	485	1 - 2	0.021	17.95	0.02	0.38
I9-9-32-SB-3	62	323	1 - 2	0.021	11.97	0.02	0.25
SL-BH001472	119, 119C	169	1 - 2	0.021	6.27	0.02	0.13
Totals:	--	1,140	--	--	42.22	--	1.57
Volume-Weighted Average:							0.04

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-32-SB-1	236A	59	2 - 3	0.021	2.19	0.02	0.05
I9-9-32-SB-1	236B	104	2 - 3	0.2	3.84	0.20	0.77
I9-9-32-SB-2	3	485	2 - 3	0.021	17.95	0.02	0.38
I9-9-32-SB-3	239	323	2 - 3	0.021	11.97	0.02	0.25
SL-BH001472	236, 236C	169	2 - 3	0.021	6.27	0.02	0.13
Totals:	--	1,140	--	--	42.22	--	1.57
Volume-Weighted Average:							0.04

SUMMARY: 1- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,140	--	--	84.44	--	3.15
Volume-Weighted Average:							0.04

Notes:

1. Polygon ID and area based on information shown on Figures D-3 and D-4.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
4. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

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Parcel I9-9-33 (bank)

**TABLE D-58
EXISTING CONDITIONS
PARCEL I9-9-33: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
SL-BH001472	198	81	0 - 0.5	3.4	1.50	3.40	5.11
I9-9-33-SB-1	199	736	0 - 0.5	0.067	13.64	0.07	0.91
I9-9-33-SB-2	53, 324	306	0 - 0.5	0.092	5.67	0.09	0.52
I9-9-33-SB-3	15, 134	592	0 - 0.5	0.63	10.97	0.63	6.91
I9-9-33-SB-4	54, 325	355	0 - 0.5	0.82	6.57	0.82	5.39
I9-9-33-SB-5	200	551	0 - 0.5	1.79	10.21	1.79	18.28
I9-9-33-SB-6	326	364	0 - 0.5	0.58	6.73	0.58	3.90
I9-9-33-SB-7	99	241	0 - 0.5	1.13	4.46	1.13	5.04
I9-9-34-SB-9	135	93	0 - 0.5	0.09	1.72	0.09	0.15
Totals:	--	3,319	--	--	61.47	--	46.22
Volume-Weighted Average:							0.75

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
SL-BH001472	202	81	0.5 - 1	3.4	1.50	3.40	5.11
I9-9-33-SB-1	203	736	0.5 - 1	0.067	13.64	0.07	0.91
I9-9-33-SB-2	59, 327	306	0.5 - 1	0.092	5.67	0.09	0.52
I9-9-33-SB-3	15, 131	592	0.5 - 1	0.63	10.97	0.63	6.91
I9-9-33-SB-4	60, 328	355	0.5 - 1	0.82	6.57	0.82	5.39
I9-9-33-SB-5	204	551	0.5 - 1	1.79	10.21	1.79	18.28
I9-9-33-SB-6	329	364	0.5 - 1	0.58	6.73	0.58	3.90
I9-9-33-SB-7	95	241	0.5 - 1	1.13	4.46	1.13	5.04
I9-9-34-SB-9	132	93	0.5 - 1	0.09	1.72	0.09	0.15
Totals:	--	3,319	--	--	61.47	--	46.22
Volume-Weighted Average:							0.75

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,319	--	--	122.94	--	92.44
Volume-Weighted Average:							0.75

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-59

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

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**TABLE D-60
EXISTING CONDITIONS
PARCEL I9-9-33: 1- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
SL-BH001472	120	81	1 - 2	88	3.00	88.00	264.39
I9-9-33-SB-1	121	736	1 - 2	0.076	27.27	0.08	2.07
I9-9-33-SB-2	238	306	1 - 2	1.6	11.33	1.60	18.13
I9-9-33-SB-3	3	592	1 - 2	2.06	21.94	2.06	45.20
I9-9-33-SB-4	239	355	1 - 2	0.99	13.14	0.99	13.01
I9-9-33-SB-5	122	551	1 - 2	1.3	20.42	1.30	26.55
I9-9-33-SB-6	240	364	1 - 2	0.73	13.46	0.73	9.83
I9-9-33-SB-7	63	241	1 - 2	1.26	8.91	1.26	11.23
I9-9-34-SB-9	19	93	1 - 2	0.685	3.44	0.69	2.36
Totals:	--	3,319	--	--	122.94	--	392.78
						Volume-Weighted Average:	3.19

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
SL-BH001472	237	81	2 - 3	88	3.00	88.00	264.39
I9-9-33-SB-1	240	736	2 - 3	0.076	27.27	0.08	2.07
I9-9-33-SB-2	58	306	2 - 3	1.6	11.33	1.60	18.13
I9-9-33-SB-3	241	592	2 - 3	2.06	21.94	2.06	45.20
I9-9-33-SB-4	117	355	2 - 3	0.99	13.14	0.99	13.01
I9-9-33-SB-5	242	551	2 - 3	1.3	20.42	1.30	26.55
I9-9-33-SB-6	31	364	2 - 3	0.73	13.46	0.73	9.83
I9-9-33-SB-7	243	241	2 - 3	1.26	8.91	1.26	11.23
I9-9-34-SB-9	248	93	2 - 3	0.685	3.44	0.69	2.36
Totals:	--	3,319	--	--	122.94	--	392.78
						Volume-Weighted Average:	3.19

SUMMARY: 1- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,319	--	--	245.88	--	785.56
						Volume-Weighted Average:	3.19

Notes:

1. Polygon ID and area based on information shown on Figures D-3 and D-4.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

ARCADIS

Parcel I9-9-34 (bank)

**TABLE D-61
EXISTING CONDITIONS
PARCEL I9-9-34: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-34-SB-1	327	256	0 - 0.5	6	4.73	6.00	28.40
I9-9-34-SB-2	331	542	0 - 0.5	54	10.04	54.00	542.09
I9-9-34-SB-3 (BH001093)	202	404	0 - 0.5	0.96	7.49	0.96	7.19
I9-9-34-SB-4	333, 333A	719	0 - 0.5	46	13.31	46.00	612.24
I9-9-34-SB-5	82	548	0 - 0.5	0.46	10.14	0.46	4.67
I9-9-34-SB-6	334	652	0 - 0.5	0.83	12.07	0.83	10.02
I9-9-34-SB-7	203	556	0 - 0.5	0.74	10.29	0.74	7.62
I9-9-34-SB-8	335	605	0 - 0.5	1.25	11.21	1.25	14.01
I9-9-34-SB-9	136	527	0 - 0.5	0.09	9.75	0.09	0.88
I9-9-34-SB-10	201	11	0 - 0.5	1.88	0.21	1.88	0.40
I9-9-34-SB-11	330	188	0 - 0.5	0.82	3.49	0.82	2.86
Totals:	--	5,008	--	--	92.74	--	1,230.38
Volume-Weighted Average:							13.27

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-34-SB-1	330	256	0.5 - 1	6	4.73	6.00	28.40
I9-9-34-SB-2	334	542	0.5 - 1	54	10.04	54.00	542.09
I9-9-34-SB-3 (BH001093)	206	404	0.5 - 1	0.96	7.49	0.96	7.19
I9-9-34-SB-4	336, 336A	719	0.5 - 1	46	13.31	46.00	612.24
I9-9-34-SB-5	79	548	0.5 - 1	0.46	10.14	0.46	4.67
I9-9-34-SB-6	337	652	0.5 - 1	0.83	12.07	0.83	10.02
I9-9-34-SB-7	207	556	0.5 - 1	0.74	10.29	0.74	7.62
I9-9-34-SB-8	338	605	0.5 - 1	1.25	11.21	1.25	14.01
I9-9-34-SB-9	133	527	0.5 - 1	0.09	9.75	0.09	0.88
I9-9-34-SB-10	205	11	0.5 - 1	1.88	0.21	1.88	0.40
I9-9-34-SB-11	333	188	0.5 - 1	0.82	3.49	0.82	2.86
Totals:	--	5,008	--	--	92.74	--	1,230.38
Volume-Weighted Average:							13.27

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	5,008	--	--	185.48	--	2,460.76
Volume-Weighted Average:							13.27

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-62
EXISTING CONDITIONS
PARCEL I9-9-34: 0- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE D-61)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	5,008	--	--	185.48	--	2,460.76
Volume-Weighted Average:							13.27

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-34-SB-1	241	256	1 - 2	0.29	9.47	0.29	2.75
I9-9-34-SB-2	244, 244A	542	1 - 2	370	20.08	370.00	7,428.70
I9-9-34-SB-3	124, 124A	404	1 - 2	0.35	14.98	0.35	5.24
I9-9-34-SB-4	246	719	1 - 2	0.199	26.62	0.20	5.30
I9-9-34-SB-5	64	548	1 - 2	0.31	20.28	0.31	6.29
I9-9-34-SB-6	247	652	1 - 2	0.191	24.15	0.19	4.61
I9-9-34-SB-7	125	556	1 - 2	0.227	20.59	0.23	4.67
I9-9-34-SB-8	248	605	1 - 2	5.2	22.42	5.20	116.59
I9-9-34-SB-9	20	527	1 - 2	0.685	19.50	0.69	13.36
I9-9-34-SB-10	123	11	1 - 2	0.058	0.43	0.06	0.02
I9-9-34-SB-11	243	188	1 - 2	0.515	6.97	0.52	3.59
Totals:	--	5,008	--	--	185.48	--	7,591.12
Volume-Weighted Average:							40.93

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-34-SB-1	118	256	2 - 3	0.29	9.47	0.29	2.75
I9-9-34-SB-2	120, 120A	542	2 - 3	370	20.08	370.00	7,428.70
I9-9-34-SB-3	245, 245A	404	2 - 3	0.35	14.98	0.35	5.24
I9-9-34-SB-4	19	719	2 - 3	0.199	26.62	0.20	5.30
I9-9-34-SB-5	246	548	2 - 3	0.31	20.28	0.31	6.29
I9-9-34-SB-6	122	652	2 - 3	0.191	24.15	0.19	4.61
I9-9-34-SB-7	247	556	2 - 3	0.227	20.59	0.23	4.67
I9-9-34-SB-8	60	605	2 - 3	5.2	22.42	5.20	116.59
I9-9-34-SB-9	249	527	2 - 3	0.685	19.50	0.69	13.36
I9-9-34-SB-10	244	11	2 - 3	0.058	0.43	0.06	0.02
I9-9-34-SB-11	59	188	2 - 3	0.515	6.97	0.52	3.59
Totals:	--	5,008	--	--	185.48	--	7,591.12
Volume-Weighted Average:							40.93

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	5,008	--	--	556.44	--	17,643.00
Volume-Weighted Average:							31.71

Notes:

1. Polygon ID and area based on information shown on Figures D-3 and D-4.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-63

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

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**TABLE D-64
POST-REMEDATION CONDITIONS
PARCEL I9-9-34: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-34-SB-1	327	256	0 - 0.5	0.021	4.73	0.02	0.10
I9-9-34-SB-2	331	542	0 - 0.5	0.021	10.04	0.02	0.21
I9-9-34-SB-3 (BH001093)	202	404	0 - 0.5	0.021	7.49	0.02	0.16
I9-9-34-SB-4	333	366	0 - 0.5	0.021	6.78	0.02	0.14
I9-9-34-SB-4	333A	353	0 - 0.5	46	6.53	46.00	300.38
I9-9-34-SB-5	82	548	0 - 0.5	0.46	10.14	0.46	4.67
I9-9-34-SB-6	334	652	0 - 0.5	0.83	12.07	0.83	10.02
I9-9-34-SB-7	203	556	0 - 0.5	0.74	10.29	0.74	7.62
I9-9-34-SB-8	335	605	0 - 0.5	1.25	11.21	1.25	14.01
I9-9-34-SB-9	136	527	0 - 0.5	0.09	9.75	0.09	0.88
I9-9-34-SB-10	201	11	0 - 0.5	0.021	0.21	0.02	0.004
I9-9-34-SB-11	330	188	0 - 0.5	0.021	3.49	0.02	0.07
Totals:	--	5,008	--	--	92.74	--	338.26
Volume-Weighted Average:							3.65

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-34-SB-1	330	256	0.5 - 1	0.021	4.73	0.02	0.10
I9-9-34-SB-2	334	542	0.5 - 1	0.021	10.04	0.02	0.21
I9-9-34-SB-3 (BH001093)	206	404	0.5 - 1	0.021	7.49	0.02	0.16
I9-9-34-SB-4	336	366	0.5 - 1	0.021	6.78	0.02	0.14
I9-9-34-SB-4	336A	353	0.5 - 1	46	6.53	46.00	300.38
I9-9-34-SB-5	79	548	0.5 - 1	0.46	10.14	0.46	4.67
I9-9-34-SB-6	337	652	0.5 - 1	0.83	12.07	0.83	10.02
I9-9-34-SB-7	207	556	0.5 - 1	0.74	10.29	0.74	7.62
I9-9-34-SB-8	338	605	0.5 - 1	1.25	11.21	1.25	14.01
I9-9-34-SB-9	133	527	0.5 - 1	0.09	9.75	0.09	0.88
I9-9-34-SB-10	205	11	0.5 - 1	0.021	0.21	0.02	0.004
I9-9-34-SB-11	333	188	0.5 - 1	0.021	3.49	0.02	0.07
Totals:	--	5,008	--	--	92.74	--	338.26
Volume-Weighted Average:							3.65

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	5,008	--	--	185.48	--	676.52
Volume-Weighted Average:							3.65

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
4. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

**TABLE D-65
POST-REMEDATION CONDITIONS
PARCEL I9-9-34: 0- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE D-64)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	5,008	--	--	185.48	--	676.52
Volume-Weighted Average:							3.65

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-34-SB-1	241	256	1 - 2	0.021	9.47	0.02	0.20
I9-9-34-SB-2	244, 244A	542	1 - 2	0.021	20.08	0.02	0.42
I9-9-34-SB-3	124	157	1 - 2	0.021	5.80	0.02	0.12
I9-9-34-SB-3	124A	248	1 - 2	0.35	9.18	0.35	3.21
I9-9-34-SB-4	246	719	1 - 2	0.199	26.62	0.20	5.30
I9-9-34-SB-5	64	548	1 - 2	0.31	20.28	0.31	6.29
I9-9-34-SB-6	247	652	1 - 2	0.191	24.15	0.19	4.61
I9-9-34-SB-7	125	556	1 - 2	0.227	20.59	0.23	4.67
I9-9-34-SB-8	248	605	1 - 2	5.2	22.42	5.20	116.59
I9-9-34-SB-9	20	527	1 - 2	0.685	19.50	0.69	13.36
I9-9-34-SB-10	123	11	1 - 2	0.021	0.43	0.02	0.01
I9-9-34-SB-11	243	188	1 - 2	0.021	6.97	0.02	0.15
Totals:	--	5,008	--	--	185.48	--	154.93
Volume-Weighted Average:							0.84

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-34-SB-1	118	256	2 - 3	0.021	9.47	0.02	0.20
I9-9-34-SB-2	120, 120A	542	2 - 3	0.021	20.08	0.02	0.42
I9-9-34-SB-3	245	248	2 - 3	0.35	9.18	0.35	3.21
I9-9-34-SB-3	245A	157	2 - 3	0.021	5.80	0.02	0.12
I9-9-34-SB-4	19	719	2 - 3	0.199	26.62	0.20	5.30
I9-9-34-SB-5	246	548	2 - 3	0.31	20.28	0.31	6.29
I9-9-34-SB-6	122	652	2 - 3	0.191	24.15	0.19	4.61
I9-9-34-SB-7	247	556	2 - 3	0.227	20.59	0.23	4.67
I9-9-34-SB-8	60	605	2 - 3	5.2	22.42	5.20	116.59
I9-9-34-SB-9	249	527	2 - 3	0.685	19.50	0.69	13.36
I9-9-34-SB-10	244	11	2 - 3	0.021	0.43	0.02	0.01
I9-9-34-SB-11	59	188	2 - 3	0.021	6.97	0.02	0.15
Totals:	--	5,008	--	--	185.48	--	154.93
Volume-Weighted Average:							0.84

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	5,008	--	--	556.44	--	986.37
Volume-Weighted Average:							1.77

Notes:

1. Polygon ID and area based on information shown on Figures D-3 and D-4.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
4. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

TABLE D-66

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

THIS TABLE HAS INTENTIONALLY BEEN LEFT BLANK

ARCADIS

Parcel I9-9-201 (bank)

**TABLE D-67
EXISTING CONDITIONS
PARCEL I9-9-201: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	337	8	0 - 0.5	16.7	0.14	16.70	2.40
I9-9-11-SB-1	161, 161A	370	0 - 0.5	0.05	6.85	0.05	0.34
I9-9-11-SB-2	268, 268A	388	0 - 0.5	0.25	7.18	0.25	1.80
I9-9-11-SB-3	91, 91A	501	0 - 0.5	0.56	9.28	0.56	5.20
I9-9-11-SB-4	270	517	0 - 0.5	0.209	9.58	0.21	2.00
I9-9-11-SB-5	163	362	0 - 0.5	0.127	6.70	0.13	0.85
I9-9-11-SB-6	272	275	0 - 0.5	1.24	5.10	1.24	6.32
I9-9-11-SB-7	117	2	0 - 0.5	0.156	0.03	0.16	0.005
I9-9-11-SB-8	275	17	0 - 0.5	0.89	0.31	0.89	0.27
I9-9-17-SB-3	70	21	0 - 0.5	0.029	0.39	0.03	0.01
I9-9-17-SS-3	279	300	0 - 0.5	0.24	5.56	0.24	1.33
I9-9-101-SB-1	77	559	0 - 0.5	0.17	10.34	0.17	1.76
I9-9-101-SB-2	265	559	0 - 0.5	0.068	10.35	0.07	0.70
I9-9-101-SB-3	160	581	0 - 0.5	0.065	10.75	0.07	0.70
I9-9-101-SB-4	266	547	0 - 0.5	0.622	10.13	0.62	6.30
I9-9-101-SB-5	115	448	0 - 0.5	0.161	8.30	0.16	1.34
I9-9-101-SB-6	267	295	0 - 0.5	0.3	5.47	0.30	1.64
Totals:	--	5,749	--	--	106.46	--	32.97
Volume-Weighted Average:							0.31

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	340	8	0.5 - 1	16.7	0.14	16.70	2.40
I9-9-11-SB-1	165, 165A	370	0.5 - 1	0.05	6.85	0.05	0.34
I9-9-11-SB-2	271, 271A	388	0.5 - 1	0.25	7.18	0.25	1.80
I9-9-11-SB-3	87, 87A	501	0.5 - 1	0.56	9.28	0.56	5.20
I9-9-11-SB-4	273	517	0.5 - 1	0.209	9.58	0.21	2.00
I9-9-11-SB-5	167	362	0.5 - 1	0.127	6.70	0.13	0.85
I9-9-11-SB-6	275	275	0.5 - 1	1.24	5.10	1.24	6.32
I9-9-11-SB-7	114	2	0.5 - 1	0.156	0.03	0.16	0.005
I9-9-11-SB-8	278	17	0.5 - 1	0.89	0.31	0.89	0.27
I9-9-17-SB-3	69	21	0.5 - 1	0.029	0.39	0.03	0.01
I9-9-17-SS-3	282	300	0.5 - 1	0.24	5.56	0.24	1.33
I9-9-101-SB-1	74	559	0.5 - 1	0.17	10.34	0.17	1.76
I9-9-101-SB-2	268	559	0.5 - 1	0.068	10.35	0.07	0.70
I9-9-101-SB-3	164	581	0.5 - 1	0.065	10.75	0.07	0.70
I9-9-101-SB-4	269	547	0.5 - 1	0.622	10.13	0.62	6.30
I9-9-101-SB-5	112	448	0.5 - 1	0.161	8.30	0.16	1.34
I9-9-101-SB-6	270	295	0.5 - 1	0.3	5.47	0.30	1.64
Totals:	--	5,749	--	--	106.46	--	32.97
Volume-Weighted Average:							0.31

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	5,749	--	--	212.91	--	65.93
Volume-Weighted Average:							0.31

Notes:

1. Polygon ID and area based on information shown on Figures D-24 and D-25.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-68
EXISTING CONDITIONS
PARCEL I9-9-201: 0- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE D-67)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	5,749	--	--	212.91	--	65.93
Volume-Weighted Average:							0.31

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	250	8	1 - 2	60	0.29	60.00	17.25
I9-9-11-SB-1	84, 84A	370	1 - 2	0.062	13.70	0.06	0.85
I9-9-11-SB-2	176, 176A	388	1 - 2	0.39	14.37	0.39	5.60
I9-9-11-SB-3	47, 47A	501	1 - 2	0.047	18.55	0.05	0.87
I9-9-11-SB-4	178	517	1 - 2	0.34	19.16	0.34	6.51
I9-9-11-SB-5	86	362	1 - 2	0.094	13.40	0.09	1.26
I9-9-11-SB-6 (BH001034)	180	275	1 - 2	6.9	10.19	6.90	70.32
I9-9-11-SB-7	9	2	1 - 2	0.187	0.06	0.19	0.01
I9-9-11-SB-8	183	17	1 - 2	1.16	0.61	1.16	0.71
I9-9-17-SB-3	49	21	1 - 2	0.124	0.77	0.12	0.10
I9-9-101-SB-1	45	794	1 - 2	0.17	29.39	0.17	5.00
I9-9-101-SB-2	173	624	1 - 2	0.03	23.13	0.03	0.69
I9-9-101-SB-3	83	581	1 - 2	0.265	21.50	0.27	5.70
I9-9-101-SB-4	174	547	1 - 2	0.53	20.25	0.53	10.73
I9-9-101-SB-5	25	448	1 - 2	0.072	16.59	0.07	1.19
I9-9-101-SB-6	175	295	1 - 2	0.68	10.94	0.68	7.44
Totals:	--	5,749	--	--	212.91	--	134.24
Volume-Weighted Average:							0.63

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	124	8	2 - 3	60	0.29	60.00	17.25
I9-9-11-SB-1	80, 80A	370	2 - 3	0.062	13.70	0.06	0.85
I9-9-11-SB-2	176, 176A	388	2 - 3	0.39	14.37	0.39	5.60
I9-9-11-SB-3	45, 45A	501	2 - 3	0.047	18.55	0.05	0.87
I9-9-11-SB-4	178	517	2 - 3	0.34	19.16	0.34	6.51
I9-9-11-SB-5	82	362	2 - 3	0.094	13.40	0.09	1.26
I9-9-11-SB-6 (BH001034)	180	275	2 - 3	6.9	10.19	6.90	70.32
I9-9-11-SB-7	8	2	2 - 3	0.187	0.06	0.19	0.01
I9-9-11-SB-8	183	17	2 - 3	1.16	0.61	1.16	0.71
I9-9-17-SB-3	47	21	2 - 3	0.124	0.77	0.12	0.10
I9-9-101-SB-1	43	794	2 - 3	0.17	29.39	0.17	5.00
I9-9-101-SB-2	173	624	2 - 3	0.03	23.13	0.03	0.69
I9-9-101-SB-3	79	581	2 - 3	0.265	21.50	0.27	5.70
I9-9-101-SB-4	174	547	2 - 3	0.53	20.25	0.53	10.73
I9-9-101-SB-5	24	448	2 - 3	0.072	16.59	0.07	1.19
I9-9-101-SB-6	175	295	2 - 3	0.68	10.94	0.68	7.44
Totals:	--	5,749	--	--	212.91	--	134.24
Volume-Weighted Average:							0.63

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	5,749	--	--	638.74	--	334.41
Volume-Weighted Average:							0.52

Notes:

1. Polygon ID and area based on information shown on Figures D-26 and D-27.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-68A

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

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**TABLE D-69
POST-REMEDATION CONDITIONS
PARCEL I9-9-201: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	337	8	0 - 0.5	16.7	0.14	16.70	2.40
I9-9-11-SB-1	161	311	0 - 0.5	0.05	5.76	0.05	0.29
I9-9-11-SB-1	161A	59	0 - 0.5	0.021	1.09	0.02	0.02
I9-9-11-SB-2	268	262	0 - 0.5	0.021	4.85	0.02	0.10
I9-9-11-SB-2	268A	126	0 - 0.5	0.25	2.34	0.25	0.58
I9-9-11-SB-3	91	482	0 - 0.5	0.56	8.92	0.56	4.99
I9-9-11-SB-3	91A	19	0 - 0.5	0.021	0.36	0.02	0.01
I9-9-11-SB-4	270	517	0 - 0.5	0.209	9.58	0.21	2.00
I9-9-11-SB-5	163	362	0 - 0.5	0.127	6.70	0.13	0.85
I9-9-11-SB-6	272	275	0 - 0.5	1.24	5.10	1.24	6.32
I9-9-11-SB-7	117	2	0 - 0.5	0.156	0.03	0.16	0.005
I9-9-11-SB-8	275	17	0 - 0.5	0.89	0.31	0.89	0.27
I9-9-17-SB-3	70	21	0 - 0.5	0.029	0.39	0.03	0.01
I9-9-17-SS-3	279	300	0 - 0.5	0.24	5.56	0.24	1.33
I9-9-101-SB-1	77	559	0 - 0.5	0.17	10.34	0.17	1.76
I9-9-101-SB-2	265	559	0 - 0.5	0.068	10.35	0.07	0.70
I9-9-101-SB-3	160	581	0 - 0.5	0.065	10.75	0.07	0.70
I9-9-101-SB-4	266	547	0 - 0.5	0.622	10.13	0.62	6.30
I9-9-101-SB-5	115	448	0 - 0.5	0.161	8.30	0.16	1.34
I9-9-101-SB-6	267	295	0 - 0.5	0.3	5.47	0.30	1.64
Totals:	--	5,749	--	--	106.46	--	31.63
						Volume-Weighted Average:	0.30

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	340	8	0.5 - 1	16.7	0.14	16.70	2.40
I9-9-11-SB-1	165	311	0.5 - 1	0.05	5.76	0.05	0.29
I9-9-11-SB-1	165A	59	0.5 - 1	0.021	1.09	0.02	0.02
I9-9-11-SB-2	271	262	0.5 - 1	0.021	4.85	0.02	0.10
I9-9-11-SB-2	271A	126	0.5 - 1	0.25	2.34	0.25	0.58
I9-9-11-SB-3	87	482	0.5 - 1	0.56	8.92	0.56	4.99
I9-9-11-SB-3	87A	19	0.5 - 1	0.021	0.36	0.02	0.01
I9-9-11-SB-4	273	517	0.5 - 1	0.209	9.58	0.21	2.00
I9-9-11-SB-5	167	362	0.5 - 1	0.127	6.70	0.13	0.85
I9-9-11-SB-6	275	275	0.5 - 1	1.24	5.10	1.24	6.32
I9-9-11-SB-7	114	2	0.5 - 1	0.156	0.03	0.16	0.005
I9-9-11-SB-8	278	17	0.5 - 1	0.89	0.31	0.89	0.27
I9-9-17-SB-3	69	21	0.5 - 1	0.029	0.39	0.03	0.01
I9-9-17-SS-3	282	300	0.5 - 1	0.24	5.56	0.24	1.33
I9-9-101-SB-1	74	559	0.5 - 1	0.17	10.34	0.17	1.76
I9-9-101-SB-2	268	559	0.5 - 1	0.068	10.35	0.07	0.70
I9-9-101-SB-3	164	581	0.5 - 1	0.065	10.75	0.07	0.70
I9-9-101-SB-4	269	547	0.5 - 1	0.622	10.13	0.62	6.30
I9-9-101-SB-5	112	448	0.5 - 1	0.161	8.30	0.16	1.34
I9-9-101-SB-6	270	295	0.5 - 1	0.3	5.47	0.30	1.64
Totals:	--	5,749	--	--	106.46	--	31.63
						Volume-Weighted Average:	0.30

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	5,749	--	--	212.91	--	63.26
						Volume-Weighted Average:	0.30

Notes:

1. Polygon ID and area based on information shown on Figures D-24 and D-25.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
4. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

**TABLE D-70
POST-REMEDATION CONDITIONS
PARCEL I9-9-201: 0- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE D-69)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	5,749	--	--	212.91	--	63.26
Volume-Weighted Average:							0.30

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	250	8	1 - 2	60	0.29	60.00	17.25
I9-9-11-SB-1	84	311	1 - 2	0.062	11.52	0.06	0.71
I9-9-11-SB-1	84A	59	1 - 2	0.021	2.18	0.02	0.05
I9-9-11-SB-2	176	262	1 - 2	0.021	9.69	0.02	0.20
I9-9-11-SB-2	176A	126	1 - 2	0.39	4.68	0.39	1.82
I9-9-11-SB-3	47	482	1 - 2	0.047	17.84	0.05	0.84
I9-9-11-SB-3	47A	19	1 - 2	0.021	0.72	0.02	0.02
I9-9-11-SB-4	178	517	1 - 2	0.34	19.16	0.34	6.51
I9-9-11-SB-5	86	362	1 - 2	0.094	13.40	0.09	1.26
I9-9-11-SB-6 (BH001034)	180	275	1 - 2	6.9	10.19	6.90	70.32
I9-9-11-SB-7	9	2	1 - 2	0.187	0.06	0.19	0.01
I9-9-11-SB-8	183	17	1 - 2	1.16	0.61	1.16	0.71
I9-9-17-SB-3	49	21	1 - 2	0.124	0.77	0.12	0.10
I9-9-101-SB-1	45	794	1 - 2	0.17	29.39	0.17	5.00
I9-9-101-SB-2	173	624	1 - 2	0.03	23.13	0.03	0.69
I9-9-101-SB-3	83	581	1 - 2	0.265	21.50	0.27	5.70
I9-9-101-SB-4	174	547	1 - 2	0.53	20.25	0.53	10.73
I9-9-101-SB-5	25	448	1 - 2	0.072	16.59	0.07	1.19
I9-9-101-SB-6	175	295	1 - 2	0.68	10.94	0.68	7.44
Totals:	--	5,749	--	--	212.91	--	130.55
Volume-Weighted Average:							0.61

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	124	8	2 - 3	60	0.29	60.00	17.25
I9-9-11-SB-1	80	311	2 - 3	0.062	11.52	0.06	0.71
I9-9-11-SB-1	80A	59	2 - 3	0.021	2.18	0.02	0.05
I9-9-11-SB-2	176	262	2 - 3	0.021	9.69	0.02	0.20
I9-9-11-SB-2	176A	126	2 - 3	0.39	4.68	0.39	1.82
I9-9-11-SB-3	45	482	2 - 3	0.047	17.84	0.05	0.84
I9-9-11-SB-3	45A	19	2 - 3	0.021	0.72	0.02	0.02
I9-9-11-SB-4	178	517	2 - 3	0.34	19.16	0.34	6.51
I9-9-11-SB-5	82	362	2 - 3	0.094	13.40	0.09	1.26
I9-9-11-SB-6 (BH001034)	180	275	2 - 3	6.9	10.19	6.90	70.32
I9-9-11-SB-7	8	2	2 - 3	0.187	0.06	0.19	0.01
I9-9-11-SB-8	183	17	2 - 3	1.16	0.61	1.16	0.71
I9-9-17-SB-3	47	21	2 - 3	0.124	0.77	0.12	0.10
I9-9-101-SB-1	43	794	2 - 3	0.17	29.39	0.17	5.00
I9-9-101-SB-2	173	624	2 - 3	0.03	23.13	0.03	0.69
I9-9-101-SB-3	79	581	2 - 3	0.265	21.50	0.27	5.70
I9-9-101-SB-4	174	547	2 - 3	0.53	20.25	0.53	10.73
I9-9-101-SB-5	24	448	2 - 3	0.072	16.59	0.07	1.19
I9-9-101-SB-6	175	295	2 - 3	0.68	10.94	0.68	7.44
Totals:	--	5,749	--	--	212.91	--	130.55
Volume-Weighted Average:							0.61

**TABLE D-70
POST-REMEDICATION CONDITIONS
PARCEL I9-9-201: 0- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	5,749	--	--	638.74	--	324.37
Volume-Weighted Average:							0.51

Notes:

1. Polygon ID and area based on information shown on Figures D-26 and D-27.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
4. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.

The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

TABLE D-70A

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

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Parcel I9-9-201 (non-bank)

**TABLE D-71
EXISTING CONDITIONS
PARCEL I9-9-201: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	336	72	0 - 0.5	16.7	1.34	16.70	22.38
I9-9-9-SB-8	137	142	0 - 0.5	0.35	2.62	0.35	0.92
I9-9-11-SB-3	90	424	0 - 0.5	0.56	7.86	0.56	4.40
I9-9-11-SB-4	269	55	0 - 0.5	0.209	1.01	0.21	0.21
I9-9-11-SB-5	162, 162A	264	0 - 0.5	0.127	4.90	0.13	0.62
I9-9-11-SB-6	271	4	0 - 0.5	1.24	0.07	1.24	0.09
I9-9-11-SB-7	116, 116A	914	0 - 0.5	0.156	16.92	0.16	2.64
I9-9-11-SB-8	31, 274	1,841	0 - 0.5	0.89	34.10	0.89	30.35
Totals:	--	3,716	--	--	68.82	--	61.61
Volume-Weighted Average:							0.90

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	339	72	0.5 - 1	16.7	1.34	16.70	22.38
I9-9-9-SB-8	134	142	0.5 - 1	0.35	2.62	0.35	0.92
I9-9-11-SB-3	86	424	0.5 - 1	0.56	7.86	0.56	4.40
I9-9-11-SB-4	272	55	0.5 - 1	0.209	1.01	0.21	0.21
I9-9-11-SB-5	166, 166A	264	0.5 - 1	0.127	4.90	0.13	0.62
I9-9-11-SB-6	274	4	0.5 - 1	1.24	0.07	1.24	0.09
I9-9-11-SB-7	113, 113A	914	0.5 - 1	0.156	16.92	0.16	2.64
I9-9-11-SB-8	37, 277	1,841	0.5 - 1	0.89	34.10	0.89	30.35
Totals:	--	3,716	--	--	68.82	--	61.61
Volume-Weighted Average:							0.90

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,716	--	--	137.64	--	123.23
Volume-Weighted Average:							0.90

Notes:

1. Polygon ID and area based on information shown on Figures D-24 and D-25.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-72
EXISTING CONDITIONS
PARCEL I9-9-201: 0- TO 3-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE D-71)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,716	--	--	137.64	--	123.23
Volume-Weighted Average:							0.90

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	249	72	1 - 2	60	2.68	60.00	160.85
I9-9-9-SB-8	31	142	1 - 2	0.021	5.25	0.02	0.11
I9-9-11-SB-3	46	424	1 - 2	0.047	15.71	0.05	0.74
I9-9-11-SB-4	177	55	1 - 2	0.34	2.02	0.34	0.69
I9-9-11-SB-5	85, 85A	264	1 - 2	0.094	9.79	0.09	0.92
I9-9-11-SB-6	179	4	1 - 2	6.9	0.15	6.90	1.01
I9-9-11-SB-7	8, 8A	914	1 - 2	0.187	33.84	0.19	6.33
I9-9-11-SB-8	182	1,841	1 - 2	1.16	68.19	1.16	79.10
Totals:	--	3,716	--	--	137.64	--	249.75
Volume-Weighted Average:							1.81

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	123	72	2 - 3	60	2.68	60.00	160.85
I9-9-9-SB-8	254	142	2 - 3	0.021	5.25	0.02	0.11
I9-9-11-SB-3	44	424	2 - 3	0.047	15.71	0.05	0.74
I9-9-11-SB-4	177	55	2 - 3	0.34	2.02	0.34	0.69
I9-9-11-SB-5	81, 81A	264	2 - 3	0.094	9.79	0.09	0.92
I9-9-11-SB-6	179	4	2 - 3	6.9	0.15	6.90	1.01
I9-9-11-SB-7	7, 7A	914	2 - 3	0.187	33.84	0.19	6.33
I9-9-11-SB-8	182	1,841	2 - 3	1.16	68.19	1.16	79.10
Totals:	--	3,716	--	--	137.64	--	249.75
Volume-Weighted Average:							1.81

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,716	--	--	412.92	--	622.72
Volume-Weighted Average:							1.51

Notes:

1. Polygon ID and area based on information shown on Figures D-26 and D-27.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-73
EXISTING CONDITIONS
PARCEL I9-9-201: 1- TO 6-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	249	72	1 - 2	60	2.68	60.00	160.85
I9-9-9-SB-8	31	142	1 - 2	0.021	5.25	0.02	0.11
I9-9-11-SB-3	46	424	1 - 2	0.047	15.71	0.05	0.74
I9-9-11-SB-4	177	55	1 - 2	0.34	2.02	0.34	0.69
I9-9-11-SB-5	85, 85A	264	1 - 2	0.094	9.79	0.09	0.92
I9-9-11-SB-6	179	4	1 - 2	6.9	0.15	6.90	1.01
I9-9-11-SB-7	8, 8A	914	1 - 2	0.187	33.84	0.19	6.33
I9-9-11-SB-8	182	1,841	1 - 2	1.16	68.19	1.16	79.10
Totals:	--	3,716	--	--	137.64	--	249.75
Volume-Weighted Average:							1.81

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	123	72	2 - 3	60	2.68	60.00	160.85
I9-9-9-SB-8	254	142	2 - 3	0.021	5.25	0.02	0.11
I9-9-11-SB-3	44	424	2 - 3	0.047	15.71	0.05	0.74
I9-9-11-SB-4	177	55	2 - 3	0.34	2.02	0.34	0.69
I9-9-11-SB-5	81, 81A	264	2 - 3	0.094	9.79	0.09	0.92
I9-9-11-SB-6	179	4	2 - 3	6.9	0.15	6.90	1.01
I9-9-11-SB-7	7, 7A	914	2 - 3	0.187	33.84	0.19	6.33
I9-9-11-SB-8	182	1,841	2 - 3	1.16	68.19	1.16	79.10
Totals:	--	3,716	--	--	137.64	--	249.75
Volume-Weighted Average:							1.81

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	73	73	3 - 4	2.03	2.72	2.03	5.52
I9-9-9-SB-8	153	142	3 - 4	0.02175	5.25	0.02	0.11
I9-9-11-SB-7	7, 7A	1,115	3 - 4	5.8	41.28	5.80	239.44
I9-9-11-SB-8 (BH001212)	105	2,386	3 - 4	0.267	88.38	0.27	23.60
Totals:	--	3,716	--	--	137.64	--	268.68
Volume-Weighted Average:							1.95

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	24	73	4 - 5	2.03	2.72	2.03	5.52
I9-9-9-SB-8	153	142	4 - 5	0.02175	5.25	0.02	0.11
I9-9-11-SB-7	9, 9A	1,115	4 - 5	5.8	41.28	5.80	239.44
I9-9-11-SB-8 (BH001212)	108	2,386	4 - 5	0.267	88.38	0.27	23.60
Totals:	--	3,716	--	--	137.64	--	268.68
Volume-Weighted Average:							1.95

**TABLE D-73
EXISTING CONDITIONS
PARCEL I9-9-201: 1- TO 6-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	132	73	5 - 6	3.8	2.72	3.80	10.33
I9-9-9-SB-8	70	142	5 - 6	0.022	5.25	0.02	0.12
I9-9-11-SB-7	83, 83A	1,115	5 - 6	5.8	41.28	5.80	239.44
I9-9-11-SB-8 (BH001212)	46	2,386	5 - 6	0.267	88.38	0.27	23.60
Totals:	--	3,716	--	--	137.64	--	273.49
Volume-Weighted Average:							1.99

SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,716	--	--	688.19	--	1,310.34
Volume-Weighted Average:							1.90

Notes:

1. Polygon ID and area based on information shown on Figures D-26 through D-30.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-74
EXISTING CONDITIONS
PARCEL I9-9-201: 0- TO 15-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE D-71)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,716	--	--	137.64	--	123.23
Volume-Weighted Average:							0.90

SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT (TABLE D-73)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,716	--	--	688.19	--	1,310.34
Volume-Weighted Average:							1.90

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	57	73	6 - 7	3.8	2.72	3.80	10.33
I9-9-9-SB-8	128	142	6 - 7	0.022	5.24	0.02	0.12
I9-9-11-SB-7	77	1,115	6 - 7	0.455	41.30	0.46	18.79
I9-9-11-SB-8	41	2,386	6 - 7	0.0285	88.38	0.03	2.52
Totals:	--	3,716	--	--	137.64	--	31.76
Volume-Weighted Average:							0.23

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	119	73	7 - 8	9.7	2.72	9.70	26.38
I9-9-9-SB-8	43	142	7 - 8	0.022	5.24	0.02	0.12
I9-9-11-SB-7	83	1,115	7 - 8	0.455	41.30	0.46	18.79
I9-9-11-SB-8	55	2,386	7 - 8	0.0285	88.38	0.03	2.52
Totals:	--	3,716	--	--	137.64	--	47.80
Volume-Weighted Average:							0.35

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	52	73	8 - 9	9.7	2.72	9.70	26.38
I9-9-9-SB-8	109	142	8 - 9	0.022	5.24	0.02	0.12
I9-9-11-SB-7	65	1,115	8 - 9	0.455	41.30	0.46	18.79
I9-9-11-SB-8	35	2,386	8 - 9	0.0285	88.38	0.03	2.52
Totals:	--	3,716	--	--	137.64	--	47.80
Volume-Weighted Average:							0.35

9- TO 10-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	92	73	9 - 10	1.23	2.72	1.23	3.34
I9-9-9-SB-8	31	142	9 - 10	0.0205	5.24	0.02	0.11
I9-9-11-SB-7	35	1,115	9 - 10	0.455	41.30	0.46	18.79
I9-9-11-SB-8	57	2,386	9 - 10	0.0285	88.38	0.03	2.52
Totals:	--	3,716	--	--	137.64	--	24.76
Volume-Weighted Average:							0.18

**TABLE D-74
EXISTING CONDITIONS
PARCEL I9-9-201: 0- TO 15-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

10- TO 11-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	45	73	10 - 11	1.23	2.72	1.23	3.34
I9-9-9-SB-8	92	142	10 - 11	0.0205	5.24	0.02	0.11
I9-9-11-SB-7	33	1,115	10 - 11	9.8	41.30	9.80	404.72
I9-9-11-SB-8	60	1,638	10 - 11	6.2	60.68	6.20	376.21
I9-9-11-SB-9	8	748	10 - 11	0.0295	27.71	0.03	0.82
Totals:	--	3,716	--	--	137.64	--	785.20
Volume-Weighted Average:							5.70

11- TO 12-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	38	75	11 - 12	0.022	2.79	0.02	0.06
I9-9-11-SB-7	25	1,255	11 - 12	9.8	46.48	9.80	455.48
I9-9-11-SB-8	49	1,638	11 - 12	6.2	60.68	6.20	376.21
I9-9-11-SB-9	17	748	11 - 12	0.0295	27.70	0.03	0.82
Totals:	--	3,716	--	--	137.64	--	832.57
Volume-Weighted Average:							6.05

12- TO 13-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	68	75	12 - 13	0.022	2.79	0.02	0.06
I9-9-11-SB-7	23	1,255	12 - 13	9.8	46.48	9.80	455.48
I9-9-11-SB-8	43	1,638	12 - 13	6.2	60.68	6.20	376.21
I9-9-11-SB-9	9	748	12 - 13	0.0295	27.70	0.03	0.82
Totals:	--	3,716	--	--	137.64	--	832.57
Volume-Weighted Average:							6.05

13- TO 14-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	71	75	13 - 14	0.0225	2.79	0.02	0.06
I9-9-11-SB-7	12	1,255	13 - 14	9.8	46.48	9.80	455.48
I9-9-11-SB-8	43	1,638	13 - 14	6.2	60.68	6.20	376.21
I9-9-11-SB-9	8	748	13 - 14	0.0295	27.70	0.03	0.82
Totals:	--	3,716	--	--	137.64	--	832.57
Volume-Weighted Average:							6.05

14- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	5	75	14 - 15	0.0225	2.79	0.02	0.06
I9-9-11-SB-7	16	1,255	14 - 15	9.8	46.48	9.80	455.48
I9-9-11-SB-8	33	1,638	14 - 15	6.2	60.68	6.20	376.21
I9-9-11-SB-9	12	748	14 - 15	0.0295	27.70	0.03	0.82
Totals:	--	3,716	--	--	137.64	--	832.57
Volume-Weighted Average:							6.05

**TABLE D-74
EXISTING CONDITIONS
PARCEL I9-9-201: 0- TO 15-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,716	--	--	2,064.61	--	5,701.16
Volume-Weighted Average:							2.76

Notes:

1. Polygon ID and area based on information shown on Figures D-31 through D-39.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-75
POST-REMEDATION CONDITIONS
PARCEL I9-9-201: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	336	72	0 - 0.5	0.021	1.34	0.02	0.03
I9-9-9-SB-8	137	142	0 - 0.5	0.021	2.62	0.02	0.06
I9-9-11-SB-3	90	424	0 - 0.5	0.56	7.86	0.56	4.40
I9-9-11-SB-4	269	55	0 - 0.5	0.209	1.01	0.21	0.21
I9-9-11-SB-5	162	177	0 - 0.5	0.127	3.28	0.13	0.42
I9-9-11-SB-5	162A	88	0 - 0.5	0.021	1.62	0.02	0.03
I9-9-11-SB-6	271	4	0 - 0.5	0.021	0.07	0.02	0.002
I9-9-11-SB-7	116	778	0 - 0.5	0.021	14.41	0.02	0.30
I9-9-11-SB-7	116A	135	0 - 0.5	0.156	2.51	0.16	0.39
I9-9-11-SB-8	31, 274	1,841	0 - 0.5	0.89	34.10	0.89	30.35
Totals:	--	3,716	--	--	68.82	--	36.19
Volume-Weighted Average:							0.53

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	339	72	0.5 - 1	0.021	1.34	0.02	0.03
I9-9-9-SB-8	134	142	0.5 - 1	0.021	2.62	0.02	0.06
I9-9-11-SB-3	86	424	0.5 - 1	0.56	7.86	0.56	4.40
I9-9-11-SB-4	272	55	0.5 - 1	0.209	1.01	0.21	0.21
I9-9-11-SB-5	166	177	0.5 - 1	0.127	3.28	0.13	0.42
I9-9-11-SB-5	166A	88	0.5 - 1	0.021	1.62	0.02	0.03
I9-9-11-SB-6	274	4	0.5 - 1	0.021	0.07	0.02	0.002
I9-9-11-SB-7	113	778	0.5 - 1	0.021	14.41	0.02	0.30
I9-9-11-SB-7	113A	135	0.5 - 1	0.156	2.51	0.16	0.39
I9-9-11-SB-8	37, 277	1,841	0.5 - 1	0.89	34.10	0.89	30.35
Totals:	--	3,716	--	--	68.82	--	36.19
Volume-Weighted Average:							0.53

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,716	--	--	137.64	--	72.37
Volume-Weighted Average:							0.53

Notes:

1. Polygon ID and area based on information shown on Figures D-24 and D-25.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
4. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

**TABLE D-76
POST-REMEDATION CONDITIONS
PARCEL I9-9-201: 0- TO 3-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE D-75)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,716	--	--	137.64	--	72.37
Volume-Weighted Average:							0.53

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	249	72	1 - 2	0.021	2.68	0.02	0.06
I9-9-9-SB-8	31	142	1 - 2	0.021	5.24	0.02	0.11
I9-9-11-SB-3	46	425	1 - 2	0.047	15.72	0.05	0.74
I9-9-11-SB-4	177	55	1 - 2	0.34	2.02	0.34	0.69
I9-9-11-SB-5	85	88	1 - 2	0.021	3.24	0.02	0.07
I9-9-11-SB-5	85A	177	1 - 2	0.094	6.55	0.09	0.62
I9-9-11-SB-6	179	4	1 - 2	0.021	0.15	0.02	0.003
I9-9-11-SB-7	8	778	1 - 2	0.021	28.83	0.02	0.61
I9-9-11-SB-7	8A	135	1 - 2	0.187	5.01	0.19	0.94
I9-9-11-SB-8	182	1,841	1 - 2	1.16	68.19	1.16	79.10
Totals:	--	3,716	--	--	137.64	--	82.93
Volume-Weighted Average:							0.60

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	123	72	2 - 3	0.021	2.68	0.02	0.06
I9-9-9-SB-8	254	142	2 - 3	0.021	5.24	0.02	0.11
I9-9-11-SB-3	44	425	2 - 3	0.047	15.72	0.05	0.74
I9-9-11-SB-4	177	55	2 - 3	0.34	2.02	0.34	0.69
I9-9-11-SB-5	81	88	2 - 3	0.021	3.24	0.02	0.07
I9-9-11-SB-5	81A	177	2 - 3	0.094	6.55	0.09	0.62
I9-9-11-SB-6	179	4	2 - 3	0.021	0.15	0.02	0.003
I9-9-11-SB-7	7	778	2 - 3	0.021	28.83	0.02	0.61
I9-9-11-SB-7	7A	135	2 - 3	0.187	5.01	0.19	0.94
I9-9-11-SB-8	182	1,841	2 - 3	1.16	68.19	1.16	79.10
Totals:	--	3,716	--	--	137.64	--	82.93
Volume-Weighted Average:							0.60

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,716	--	--	412.93	--	238.23
Volume-Weighted Average:							0.58

Notes:

1. Polygon ID and area based on information shown on Figures D-26 and D-27.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
4. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

TABLE D-77
POST-REMEDATION CONDITIONS
PARCEL I9-9-201: 1- TO 6-FOOT DEPTH INCREMENT (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	249	72	1 - 2	0.021	2.68	0.02	0.06
I9-9-9-SB-8	31	142	1 - 2	0.021	5.24	0.02	0.11
I9-9-11-SB-3	46	425	1 - 2	0.047	15.72	0.05	0.74
I9-9-11-SB-4	177	55	1 - 2	0.34	2.02	0.34	0.69
I9-9-11-SB-5	85	88	1 - 2	0.021	3.24	0.02	0.07
I9-9-11-SB-5	85A	177	1 - 2	0.094	6.55	0.09	0.62
I9-9-11-SB-6	179	4	1 - 2	0.021	0.15	0.02	0.003
I9-9-11-SB-7	8	778	1 - 2	0.021	28.83	0.02	0.61
I9-9-11-SB-7	8A	135	1 - 2	0.187	5.01	0.19	0.94
I9-9-11-SB-8	182	1,841	1 - 2	1.16	68.19	1.16	79.10
Totals:	--	3,716	--	--	137.64	--	82.93
Volume-Weighted Average:							0.60

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	123	72	2 - 3	0.021	2.68	0.02	0.06
I9-9-9-SB-8	254	142	2 - 3	0.021	5.24	0.02	0.11
I9-9-11-SB-3	44	425	2 - 3	0.047	15.72	0.05	0.74
I9-9-11-SB-4	177	55	2 - 3	0.34	2.02	0.34	0.69
I9-9-11-SB-5	81	88	2 - 3	0.021	3.24	0.02	0.07
I9-9-11-SB-5	81A	177	2 - 3	0.094	6.55	0.09	0.62
I9-9-11-SB-6	179	4	2 - 3	0.021	0.15	0.02	0.003
I9-9-11-SB-7	7	778	2 - 3	0.021	28.83	0.02	0.61
I9-9-11-SB-7	7A	135	2 - 3	0.187	5.01	0.19	0.94
I9-9-11-SB-8	182	1,841	2 - 3	1.16	68.19	1.16	79.10
Totals:	--	3,716	--	--	137.64	--	82.93
Volume-Weighted Average:							0.60

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	73	73	3 - 4	0.021	2.72	0.02	0.06
I9-9-9-SB-8	153	142	3 - 4	0.021	5.24	0.02	0.11
I9-9-11-SB-7	7	869	3 - 4	0.021	32.18	0.02	0.68
I9-9-11-SB-7	7A	246	3 - 4	5.8	9.12	5.80	52.88
I9-9-11-SB-8 (BH001212)	105	2,386	3 - 4	0.267	88.38	0.27	23.60
Totals:	--	3,716	--	--	137.64	--	77.32
Volume-Weighted Average:							0.56

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	24	73	4 - 5	0.021	2.72	0.02	0.06
I9-9-9-SB-8	153	142	4 - 5	0.021	5.24	0.02	0.11
I9-9-11-SB-7	9	869	4 - 5	0.021	32.18	0.02	0.68
I9-9-11-SB-7	9A	246	4 - 5	5.8	9.12	5.80	52.88
I9-9-11-SB-8 (BH001212)	108	2,386	4 - 5	0.267	88.38	0.27	23.60
Totals:	--	3,716	--	--	137.64	--	77.32
Volume-Weighted Average:							0.56

**TABLE D-77
POST-REMEDATION CONDITIONS
PARCEL I9-9-201: 1- TO 6-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	132	73	5 - 6	0.021	2.72	0.02	0.06
I9-9-9-SB-8	70	142	5 - 6	0.021	5.24	0.02	0.11
I9-9-11-SB-7	83	869	5 - 6	0.021	32.18	0.02	0.68
I9-9-11-SB-7	83A	246	5 - 6	5.8	9.12	5.80	52.88
I9-9-11-SB-8 (BH001212)	46	2,386	5 - 6	0.267	88.38	0.27	23.60
Totals:	--	3,716	--	--	137.64	--	77.32
Volume-Weighted Average:							0.56

SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,716	--	--	688.22	--	397.83
Volume-Weighted Average:							0.58

Notes:

1. Polygon ID and area based on information shown on Figures D-26 through D-30.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
4. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

**TABLE D-78
POST-REMEDATION CONDITIONS
PARCEL I9-9-201: 0- TO 15-FOOT DEPTH INCREMENT (NON-BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE D-75)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,716	--	--	137.64	--	72.37
Volume-Weighted Average:							0.53

SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT (TABLE D-77)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,716	--	--	688.22	--	397.83
Volume-Weighted Average:							0.58

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	57	73	6 - 7	3.8	2.72	3.80	10.33
I9-9-9-SB-8	128	142	6 - 7	0.022	5.24	0.02	0.12
I9-9-11-SB-7	77	1,115	6 - 7	0.455	41.30	0.46	18.79
I9-9-11-SB-8	41	2,386	6 - 7	0.0285	88.38	0.03	2.52
Totals:	--	3,716	--	--	137.64	--	31.76
Volume-Weighted Average:							0.23

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	119	73	7 - 8	9.7	2.72	9.70	26.38
I9-9-9-SB-8	43	142	7 - 8	0.022	5.24	0.02	0.12
I9-9-11-SB-7	83	1,115	7 - 8	0.455	41.30	0.46	18.79
I9-9-11-SB-8	55	2,386	7 - 8	0.0285	88.38	0.03	2.52
Totals:	--	3,716	--	--	137.64	--	47.80
Volume-Weighted Average:							0.35

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	52	73	8 - 9	9.7	2.72	9.70	26.38
I9-9-9-SB-8	109	142	8 - 9	0.022	5.24	0.02	0.12
I9-9-11-SB-7	65	1,115	8 - 9	0.455	41.30	0.46	18.79
I9-9-11-SB-8	35	2,386	8 - 9	0.0285	88.38	0.03	2.52
Totals:	--	3,716	--	--	137.64	--	47.80
Volume-Weighted Average:							0.35

9- TO 10-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	92	73	9 - 10	1.23	2.72	1.23	3.34
I9-9-9-SB-8	31	142	9 - 10	0.0205	5.24	0.02	0.11
I9-9-11-SB-7	35	1,115	9 - 10	0.455	41.30	0.46	18.79
I9-9-11-SB-8	57	2,386	9 - 10	0.0285	88.38	0.03	2.52
Totals:	--	3,716	--	--	137.64	--	24.76
Volume-Weighted Average:							0.18

**TABLE D-78
POST-REMEDATION CONDITIONS
PARCEL I9-9-201: 0- TO 15-FOOT DEPTH INCREMENT (NON-BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

10- TO 11-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	45	73	10 - 11	1.23	2.72	1.23	3.34
I9-9-9-SB-8	92	142	10 - 11	0.0205	5.24	0.02	0.11
I9-9-11-SB-7	33	1,115	10 - 11	9.8	41.30	9.80	404.72
I9-9-11-SB-8	60	1,638	10 - 11	6.2	60.68	6.20	376.21
I9-9-11-SB-9	8	748	10 - 11	0.0295	27.71	0.03	0.82
Totals:	--	3,716	--	--	137.64	--	785.20
Volume-Weighted Average:							5.70

11- TO 12-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	38	75	11 - 12	0.022	2.79	0.02	0.06
I9-9-11-SB-7	25	1,255	11 - 12	9.8	46.47	9.80	455.41
I9-9-11-SB-8	49	1,638	11 - 12	6.2	60.68	6.20	376.21
I9-9-11-SB-9	17	748	11 - 12	0.0295	27.71	0.03	0.82
Totals:	--	3,716	--	--	137.64	--	832.50
Volume-Weighted Average:							6.05

12- TO 13-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	68	75	12 - 13	0.022	2.79	0.02	0.06
I9-9-11-SB-7	23	1,255	12 - 13	9.8	46.47	9.80	455.41
I9-9-11-SB-8	43	1,638	12 - 13	6.2	60.68	6.20	376.21
I9-9-11-SB-9	9	748	12 - 13	0.0295	27.71	0.03	0.82
Totals:	--	3,716	--	--	137.64	--	832.50
Volume-Weighted Average:							6.05

13- TO 14-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	71	75	13 - 14	0.0225	2.79	0.02	0.06
I9-9-11-SB-7	12	1,255	13 - 14	9.8	46.47	9.80	455.41
I9-9-11-SB-8	43	1,638	13 - 14	6.2	60.68	6.20	376.21
I9-9-11-SB-9	8	748	13 - 14	0.0295	27.71	0.03	0.82
Totals:	--	3,716	--	--	137.64	--	832.50
Volume-Weighted Average:							6.05

14- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-1	5	75	14 - 15	0.0225	2.79	0.02	0.06
I9-9-11-SB-7	16	1,255	14 - 15	9.8	46.47	9.80	455.41
I9-9-11-SB-8	33	1,638	14 - 15	6.2	60.68	6.20	376.21
I9-9-11-SB-9	12	748	14 - 15	0.0295	27.71	0.03	0.82
Totals:	--	3,716	--	--	137.64	--	832.50
Volume-Weighted Average:							6.05

**TABLE D-78
POST-REMEDIAION CONDITIONS
PARCEL I9-9-201: 0- TO 15-FOOT DEPTH INCREMENT (NON-BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,716	--	--	2,064.65	--	4,737.51
Volume-Weighted Average:							2.29

Notes:

1. Polygon ID and area based on information shown on Figures D-31 through D-39.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

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Parcel I9-10-8 (bank)

**TABLE D-79
EXISTING CONDITIONS
PARCEL I9-10-8: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-5	672	93	0 - 0.5	9.2	1.72	9.20	15.78
I9-10-8-SB-6	535	291	0 - 0.5	67	5.39	67.00	360.84
I9-10-8-SB-7	601	237	0 - 0.5	1.99	4.40	1.99	8.75
I9-10-8-SB-9	604	437	0 - 0.5	33.4	8.10	33.40	270.56
I9-10-8-SB-12	689	20	0 - 0.5	0.64	0.37	0.64	0.24
I9-10-9-SB-2	640, 640A	42	0 - 0.5	0.226	0.78	0.23	0.18
R83A375	681, 681A, 681B	157	0 - 0.5	0.85	2.92	0.85	2.48
R83A400	695, 695A	233	0 - 0.5	2.7	4.31	2.70	11.63
R83A425	686	165	0 - 0.5	1.7	3.06	1.70	5.21
R83A450	687	40	0 - 0.5	0.3	0.73	0.30	0.22
R83B325	677, 677A, 677B, 677C, 677D	127	0 - 0.5	0.25	2.36	0.25	0.59
R83B350	549, 549A	298	0 - 0.5	1.3	5.51	1.30	7.17
R83B375	548, 548A	201	0 - 0.5	0.6	3.73	0.60	2.24
R83B400	608, 642	196	0 - 0.5	38	3.63	38.00	138.07
R83B425	607	272	0 - 0.5	59.28	5.03	59.28	298.21
R83B450	609, 609A	377	0 - 0.5	4.2	6.98	4.20	29.32
R83B475	690	108	0 - 0.5	0.5	2.00	0.50	1.00
R83C300	644, 675	275	0 - 0.5	0.9	5.10	0.90	4.59
R83C325	552, 552A, 552B, 643	347	0 - 0.5	1.9	6.43	1.90	12.21
R83C328	551, 551A	60	0 - 0.5	2.8	1.11	2.80	3.11
R83C332	550	88	0 - 0.5	15.2	1.63	15.20	24.72
R83D275	673	2	0 - 0.5	1.2	0.04	1.20	0.04
R83D281	557, 557A	153	0 - 0.5	1.2	2.84	1.20	3.41
R83D295	556	21	0 - 0.5	122.63	0.38	122.63	46.55
R83E250	698, 698A	32	0 - 0.5	6.3	0.59	6.30	3.69
R83E254	646, 646A	145	0 - 0.5	5.3	2.68	5.30	14.23
R83E264	645	268	0 - 0.5	135	4.97	135.00	670.90
R83W475	606	264	0 - 0.5	1.7	4.89	1.70	8.31
RA-1-SB-1	598	418	0 - 0.5	0.047	7.74	0.05	0.36
SLB-1 Bottom Bank	577	236	0 - 0.5	52	4.37	52.00	227.42
SLB-1 Middle Bank	579	114	0 - 0.5	9	2.12	9.00	19.08
SLB-1 Top Bank	674	64	0 - 0.5	4.85	1.18	4.85	5.71
SL-BH001469	611, 611A	349	0 - 0.5	480	6.47	480.00	3,106
SL-BH001470	612, 612A	330	0 - 0.5	76	6.12	76.00	464.98
SL-BH001471	613, 613B	131	0 - 0.5	210	2.43	210.00	509.76
Totals:	--	6,593	--	--	122.10	--	6,277.42
Volume-Weighted Average:							51.41

**TABLE D-79
EXISTING CONDITIONS
PARCEL I9-10-8: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-5	630	93	0.5 - 1	9.2	1.72	9.20	15.78
I9-10-8-SB-6	526	291	0.5 - 1	67	5.39	67.00	360.83
I9-10-8-SB-7	527	237	0.5 - 1	1.99	4.40	1.99	8.75
I9-10-8-SB-9	594	437	0.5 - 1	33.4	8.10	33.40	270.56
I9-10-8-SB-12	648	20	0.5 - 1	0.64	0.37	0.64	0.24
I9-10-9-SB-2	652, 652A	42	0.5 - 1	0.226	0.78	0.23	0.18
R83A375	640, 640A, 640B	157	0.5 - 1	0.4	2.92	0.40	1.17
R83A400	685, 686	233	0.5 - 1	4.2	4.31	4.20	18.09
R83A425	645	165	0.5 - 1	2.8	3.06	2.80	8.58
R83A450	646	40	0.5 - 1	0.5	0.73	0.50	0.37
R83B325	636, 636A, 636B, 636C, 636D	127	0.5 - 1	0.7	2.36	0.70	1.65
R83B350	544, 544A	298	0.5 - 1	1.9	5.51	1.90	10.47
R83B375	543, 543A	201	0.5 - 1	2.9	3.73	2.90	10.82
R83B400	541, 656	196	0.5 - 1	87.5	3.63	87.50	317.93
R83B425	540	272	0.5 - 1	104	5.03	104.00	523.22
R83B450	576, 576A	377	0.5 - 1	0.6	6.98	0.60	4.19
R83B475	649	108	0.5 - 1	0.35	2.00	0.35	0.70
R83C300	633, 634	275	0.5 - 1	0.815	5.10	0.82	4.16
R83C325	547, 547A, 547B, 657	347	0.5 - 1	1.6	6.43	1.60	10.28
R83C328	546, 546A	60	0.5 - 1	1.95	1.11	1.95	2.17
R83C332	545	88	0.5 - 1	5.8	1.63	5.80	9.43
R83D275	631	2	0.5 - 1	1.55	0.04	1.55	0.06
R83D281	552, 552A	153	0.5 - 1	2.4	2.84	2.40	6.81
R83D295	551	21	0.5 - 1	702.63	0.38	702.63	266.74
R83E250	688, 688A	32	0.5 - 1	9.9	0.59	9.90	5.80
R83E254	654, 654A	145	0.5 - 1	8.3	2.68	8.30	22.28
R83E264	658	268	0.5 - 1	99	4.97	99.00	491.99
R83W475	596	264	0.5 - 1	18	4.89	18.00	87.99
RA-1-SB-1	597	418	0.5 - 1	0.047	7.74	0.05	0.36
SLB-1 Bottom Bank	571	236	0.5 - 1	214	4.37	214.00	935.93
SLB-1 Middle Bank	574	114	0.5 - 1	47	2.12	47.00	99.44
SLB-1 Top Bank	632	64	0.5 - 1	2.96	1.18	2.96	3.49
SL-BH001469	598, 598A	349	0.5 - 1	480	6.47	480.00	3,106
SL-BH001470	599, 599A	330	0.5 - 1	76	6.12	76.00	464.98
SL-BH001471	600, 600A	131	0.5 - 1	210	2.43	210.00	509.79
Totals:	--	6,593	--	--	122.09	--	7,581.10
Volume-Weighted Average:							62.09

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	6,593	--	--	244.19	--	13,858.52
Volume-Weighted Average:							56.75

Notes:

1. Polygon ID and area based on information shown on Figures D-40 and D-41.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-80
EXISTING CONDITIONS
PARCEL I9-10-8: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-5	399	88	1 - 2	6.8	3.26	6.80	22.19
I9-10-8-SB-1	343, 343A	270	1 - 2	0.0215	10.02	0.02	0.22
I9-10-8-SB-2	348	308	1 - 2	8.65	11.40	8.65	98.61
I9-10-8-SB-3	404, 404A	404	1 - 2	0.0195	14.97	0.02	0.29
I9-10-8-SB-4	407, 407A, 407B, 407C	150	1 - 2	0.0245	5.55	0.02	0.14
I9-10-8-SB-5	340, 340A, 340B, 340C, 340D	185	1 - 2	0.089	6.86	0.09	0.61
I9-10-8-SB-6	345	498	1 - 2	6.4	18.44	6.40	117.99
I9-10-8-SB-7	346	348	1 - 2	165	12.90	165.00	2,129
I9-10-8-SB-9	353	513	1 - 2	0.127	19.01	0.13	2.41
I9-10-8-SB-12	419	107	1 - 2	0.67	3.98	0.67	2.67
I9-10-8-SB-16	415	36	1 - 2	24.3	1.33	24.30	32.28
I9-10-9-SB-2	423, 423A	42	1 - 2	0.79	1.55	0.79	1.23
R43C120	412	57	1 - 2	0.3	2.09	0.30	0.63
R83A425	416A, 417	151	1 - 2	110	5.60	110.00	616.24
R83A450	418, 418A	259	1 - 2	1.1	9.59	1.10	10.55
R83B350	361, 361A	232	1 - 2	1.2	8.58	1.20	10.29
R83B400	360	217	1 - 2	45	8.03	45.00	361.27
R83B425	359, 416	310	1 - 2	110	11.48	110.00	1,263
R83B475	420	327	1 - 2	13	12.13	13.00	157.63
R83C332	362	116	1 - 2	8.4	4.31	8.40	36.24
R83D295	363	158	1 - 2	5.25	5.83	5.25	30.63
R83E264	425	198	1 - 2	110	7.32	110.00	805.53
RA-1-SB-1	376	418	1 - 2	1	15.48	1.00	15.48
SLB-1 Bottom Bank	377	155	1 - 2	126	5.75	126.00	724.64
SL-BH001469	379	373	1 - 2	20	13.82	20.00	276.50
SL-BH001470	380	307	1 - 2	6.4	11.38	6.40	72.82
SL-BH001471	381, 381A	366	1 - 2	34	13.55	34.00	460.78
Totals:	--	6,594	--	--	244.22	--	7,249
Volume-Weighted Average:							29.68

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-5	438	88	2 - 3	6.8	3.26	6.80	22.19
I9-10-8-SB-1	382, 382A	270	2 - 3	0.0215	10.02	0.02	0.22
I9-10-8-SB-2	387	308	2 - 3	8.65	11.40	8.65	98.61
I9-10-8-SB-3	378, 443, 443A	404	2 - 3	0.0195	14.97	0.02	0.29
I9-10-8-SB-4	446, 446A, 446B, 446C	150	2 - 3	0.0245	5.55	0.02	0.14
I9-10-8-SB-5	379, 379A, 379B, 379C, 379D	185	2 - 3	0.089	6.86	0.09	0.61
I9-10-8-SB-6	384	498	2 - 3	6.4	18.44	6.40	117.99
I9-10-8-SB-7	385	348	2 - 3	165	12.88	165.00	2,125
I9-10-8-SB-9	392	513	2 - 3	0.127	19.01	0.13	2.41
I9-10-8-SB-12	458	107	2 - 3	0.67	3.98	0.67	2.67
I9-10-8-SB-16	482	36	2 - 3	24.3	1.33	24.30	32.28
I9-10-9-SB-2	462, 462A	42	2 - 3	0.79	1.55	0.79	1.23
R43C120	451	57	2 - 3	0.3	2.09	0.30	0.63
R83A425	430, 455	152	2 - 3	0.6	5.62	0.60	3.37
R83A450	457, 457A, 457B	259	2 - 3	7.1	9.59	7.10	68.09
R83B350	400, 400A	232	2 - 3	0.4	8.58	0.40	3.43
R83B400	399	217	2 - 3	7.4	8.03	7.40	59.41
R83B425	398, 398A	310	2 - 3	89	11.48	89.00	1,022
R83B475	459	327	2 - 3	250	12.13	250.00	3,031
R83C332	401	116	2 - 3	0.3	4.31	0.30	1.29
R83D295	402	158	2 - 3	12	5.83	12.00	70.01
R83E264	464	198	2 - 3	22	7.32	22.00	161.11
RA-1-SB-1	416	418	2 - 3	1	15.48	1.00	15.48
SLB-1 Bottom Bank	405	155	2 - 3	24.85	5.75	24.85	142.92
SL-BH001469	418	373	2 - 3	20	13.82	20.00	276.50
SL-BH001470	419	307	2 - 3	6.4	11.38	6.40	72.82
SL-BH001471	420, 420A	366	2 - 3	34	13.55	34.00	460.76
Totals:	--	6,594	--	--	244.21	--	7,793
Volume-Weighted Average:							31.91

**TABLE D-80
EXISTING CONDITIONS
PARCEL I9-10-8: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-5	377	88	3 - 4	0.57	3.26	0.57	1.86
I9-10-8-SB-1	311, 311A	270	3 - 4	0.022	10.02	0.02	0.22
I9-10-8-SB-2	316, 394	360	3 - 4	0.93	13.35	0.93	12.42
I9-10-8-SB-3	307	404	3 - 4	0.055	14.97	0.06	0.82
I9-10-8-SB-4	385, 385A, 385B	150	3 - 4	0.025	5.55	0.03	0.14
I9-10-8-SB-5	308, 308A, 308B, 308C, 308D	185	3 - 4	0.021	6.86	0.02	0.14
I9-10-8-SB-6	313	498	3 - 4	0.238	18.44	0.24	4.39
I9-10-8-SB-7	314, 314A	348	3 - 4	0.93	12.89	0.93	11.99
I9-10-8-SB-9	321, 321A	973	3 - 4	0.08	36.04	0.08	2.88
I9-10-8-SB-12	390	107	3 - 4	14	3.98	14.00	55.72
I9-10-8-SB-16	352, 355	36	3 - 4	5.6	1.33	5.60	7.44
R43C120	358	57	3 - 4	0.3	2.09	0.30	0.63
R83A425	353	151	3 - 4	0.6	5.60	0.60	3.36
R83A450	389, 389A, 389B	259	3 - 4	7.1	9.59	7.10	68.09
R83B350	329, 329A	232	3 - 4	0.4	8.58	0.40	3.43
R83B400	328	217	3 - 4	7.4	8.03	7.40	59.41
R83B425	327, 327A	310	3 - 4	89	11.48	89.00	1,022
R83B475	391	327	3 - 4	250	12.13	250.00	3,031
R83C332	330	116	3 - 4	0.3	4.30	0.30	1.29
R83D295	331	257	3 - 4	12	9.52	12.00	114.23
R83E264	395	202	3 - 4	22	7.47	22.00	164.36
SL-BH001469	344	373	3 - 4	35	13.82	35.00	483.86
SL-BH001470	345, 345A	307	3 - 4	0.2	11.38	0.20	2.28
SL-BH001471	346	366	3 - 4	0.31	13.55	0.31	4.20
Totals:	--	6,594	--	--	244.23	--	5,056
Volume-Weighted Average:							20.70

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-5	377	88	4 - 5	0.57	3.26	0.57	1.86
I9-10-8-SB-1	311, 311A	270	4 - 5	0.022	10.02	0.02	0.22
I9-10-8-SB-2	316, 393	360	4 - 5	0.93	13.35	0.93	12.41
I9-10-8-SB-3	307	404	4 - 5	0.055	14.97	0.06	0.82
I9-10-8-SB-4	383A, 384, 384A	150	4 - 5	0.025	5.55	0.03	0.14
I9-10-8-SB-5	308, 308A, 308B, 308C, 308D	185	4 - 5	0.021	6.86	0.02	0.14
I9-10-8-SB-6	313	498	4 - 5	0.238	18.44	0.24	4.39
I9-10-8-SB-7	314, 314A	348	4 - 5	0.93	12.89	0.93	11.99
I9-10-8-SB-9	321, 321A	973	4 - 5	0.08	36.04	0.08	2.88
I9-10-8-SB-12	389	107	4 - 5	14	3.98	14.00	55.72
I9-10-8-SB-16	352, 355	36	4 - 5	5.6	1.33	5.60	7.44
R43C120	358	57	4 - 5	0.3	2.09	0.30	0.63
R83A425	354	151	4 - 5	0.4	5.60	0.40	2.24
R83A450	388, 388A, 388B	259	4 - 5	2.7	9.59	2.70	25.90
R83B350	329, 329A	232	4 - 5	2.225	8.58	2.23	19.08
R83B400	328	217	4 - 5	1.9	8.03	1.90	15.25
R83B425	327, 327A	310	4 - 5	63	11.48	63.00	723.26
R83B475	390	327	4 - 5	350	12.13	350.00	4,244
R83C332	330	116	4 - 5	0.25	4.30	0.25	1.07
R83D295	331	257	4 - 5	3.5	9.52	3.50	33.32
R83E264	394	202	4 - 5	22	7.47	22.00	164.36
SL-BH001469	344	373	4 - 5	35	13.82	35.00	483.86
SL-BH001470	345, 345A	307	4 - 5	0.2	11.38	0.20	2.28
SL-BH001471	346	366	4 - 5	0.31	13.55	0.31	4.20
Totals:	--	6,594	--	--	244.22	--	5,817
Volume-Weighted Average:							23.82

**TABLE D-80
EXISTING CONDITIONS
PARCEL I9-10-8: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-5	314	128	5 - 6	0.037	4.76	0.04	0.18
I9-10-8-SB-2	253	493	5 - 6	10.9	18.27	10.90	199.19
I9-10-8-SB-6	250	506	5 - 6	1.05	18.75	1.05	19.69
I9-10-8-SB-7	251, 251A	348	5 - 6	0.077	12.90	0.08	0.99
I9-10-8-SB-10	313	21	5 - 6	0.0205	0.77	0.02	0.02
I9-10-8-SB-12	311	107	5 - 6	24	3.98	24.00	95.52
I9-10-8-SB-16	308	36	5 - 6	3.6	1.33	3.60	4.78
R43C120	307	57	5 - 6	0.3	2.09	0.30	0.63
R83A425	309	151	5 - 6	0.4	5.60	0.40	2.24
R83A450	310, 310A, 310B	259	5 - 6	2.7	9.59	2.70	25.90
R83B350	264	311	5 - 6	2.225	11.52	2.23	25.64
R83B400	263	217	5 - 6	1.9	8.03	1.90	15.25
R83B425	262	310	5 - 6	63	11.49	63.00	724.04
R83B475	312	1280	5 - 6	350	47.40	350.00	16,588
R83C332	265	116	5 - 6	0.25	4.31	0.25	1.08
R83D295	266	257	5 - 6	3.5	9.52	3.50	33.32
R83E264	298, 299	432	5 - 6	22	16.00	22.00	351.91
SL-BH001469	280	517	5 - 6	35	19.15	35.00	670.38
SL-BH001470	281	378	5 - 6	0.2	13.99	0.20	2.80
SL-BH001471	282	670	5 - 6	0.31	24.80	0.31	7.69
Totals:	--	6,595	--	--	244.26	--	18,770
Volume-Weighted Average:							76.84

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-5	298	128	6 - 7	0.037	4.76	0.04	0.18
I9-10-8-SB-2	243	550	6 - 7	10.9	20.36	10.90	221.94
I9-10-8-SB-6	240	736	6 - 7	1.05	27.25	1.05	28.61
I9-10-8-SB-7	241, 241A	348	6 - 7	0.077	12.90	0.08	0.99
I9-10-8-SB-10	297	807	6 - 7	0.0205	29.87	0.02	0.61
I9-10-8-SB-12	295	203	6 - 7	24	7.52	24.00	180.57
I9-10-8-SB-16	292	36	6 - 7	3.6	1.33	3.60	4.78
R43C120	291	57	6 - 7	0.3	2.09	0.30	0.63
R83A425	293	151	6 - 7	0.35	5.60	0.35	1.96
R83A450	294, 294A, 294B	259	6 - 7	0.8	9.59	0.80	7.67
R83B350	254	823	6 - 7	18.04	30.46	18.04	549.64
R83B400	253	217	6 - 7	2	8.03	2.00	16.06
R83B425	252	310	6 - 7	22	11.49	22.00	252.84
R83B475	296	398	6 - 7	50	14.75	50.00	737.54
R83C332	255	884	6 - 7	0.25	32.74	0.25	8.18
R83D295	256	257	6 - 7	4.3	9.52	4.30	40.93
R83E264	285, 299	432	6 - 7	12.5	16.00	12.50	199.94
Totals:	--	6,595	--	--	244.26	--	2,253.08
Volume-Weighted Average:							9.22

**TABLE D-80
EXISTING CONDITIONS
PARCEL I9-10-8: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-2	223	550	7 - 8	0.0645	20.36	0.06	1.31
I9-10-8-SB-6	221	743	7 - 8	0.09	27.50	0.09	2.48
I9-10-8-SB-8	219	1221	7 - 8	0.154	45.21	0.15	6.96
I9-10-8-SB-10	281	225	7 - 8	0.019	8.32	0.02	0.16
I9-10-8-SB-12	278	16	7 - 8	503	0.60	503.00	299.75
I9-10-8-SB-16	275	214	7 - 8	0.615	7.92	0.62	4.87
R43C120	274	90	7 - 8	0.3	3.32	0.30	1.00
R83A425	276	152	7 - 8	0.35	5.62	0.35	1.97
R83A450	277, 277A, 277B	186	7 - 8	0.8	6.90	0.80	5.52
R83B350	236	823	7 - 8	18.04	30.46	18.04	549.64
R83B400	235	310	7 - 8	2	11.47	2.00	22.94
R83B425	234	347	7 - 8	22	12.85	22.00	282.65
R83B475	280	19	7 - 8	50	0.72	50.00	35.76
R83C332	237	884	7 - 8	0.25	32.74	0.25	8.18
R83D295	238	257	7 - 8	4.3	9.52	4.30	40.93
R83E264	268	483	7 - 8	12.5	17.89	12.50	223.62
R84A165	265	22	7 - 8	6	0.80	6.00	4.81
R84A168	267	56	7 - 8	9	2.06	9.00	18.55
Totals:	--	6,595	--	--	244.26	--	1,511
Volume-Weighted Average:							6.19

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-6	70	70	8 - 9	0.028	2.59	0.03	0.07
I9-10-8-SB-2	33	1,918	8 - 9	0.0645	71.03	0.06	4.58
I9-10-8-SB-6	63	2,124	8 - 9	0.09	78.68	0.09	7.08
I9-10-8-SB-8	10	1,325	8 - 9	0.154	49.07	0.15	7.56
I9-10-8-SB-10	28	229	8 - 9	0.019	8.47	0.02	0.16
I9-10-8-SB-12	18	160	8 - 9	503	5.94	503.00	2,990
I9-10-8-SB-16	61	769	8 - 9	0.615	28.47	0.62	17.51
Totals:	--	6,595	--	--	244.26	--	3,026.65
Volume-Weighted Average:							12.39

SUMMARY: 1- TO X-FOOT DEPTH [X=9] INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	6,594	--	--	1,953.92	--	51,475.87
Volume-Weighted Average:							26.34

Notes:

1. Polygon ID and area based on information shown on Figures D-42 through D-49.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-81
POST-REMEDATION CONDITIONS
PARCEL I9-10-8: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-5	672	93	0 - 0.5	0.021	1.72	0.02	0.04
I9-10-8-SB-6	535	291	0 - 0.5	0.021	5.39	0.02	0.11
I9-10-8-SB-7	601	237	0 - 0.5	0.021	4.40	0.02	0.09
I9-10-8-SB-9	604	437	0 - 0.5	0.021	8.10	0.02	0.17
I9-10-8-SB-12	689	20	0 - 0.5	0.021	0.37	0.02	0.01
I9-10-9-SB-2	640, 640A	42	0 - 0.5	0.021	0.78	0.02	0.02
R83A375	681, 681A, 681B	157	0 - 0.5	0.021	2.92	0.02	0.06
R83A400	695, 695A	233	0 - 0.5	0.021	4.31	0.02	0.09
R83A425	686	165	0 - 0.5	0.021	3.06	0.02	0.06
R83A450	687	40	0 - 0.5	0.021	0.73	0.02	0.02
R83B325	677	78	0 - 0.5	0.25	1.45	0.25	0.36
R83B325	677A, 677B, 677C, 677D	49	0 - 0.5	0.021	0.91	0.02	0.02
R83B350	549	270	0 - 0.5	0.021	5.00	0.02	0.11
R83B350	549A	28	0 - 0.5	1.3	0.51	1.30	0.66
R83B375	548, 548A	201	0 - 0.5	0.021	3.73	0.02	0.08
R83B400	608, 642	196	0 - 0.5	0.021	3.63	0.02	0.08
R83B425	607	272	0 - 0.5	0.021	5.03	0.02	0.11
R83B450	609, 609A	377	0 - 0.5	0.021	6.98	0.02	0.15
R83B475	690	108	0 - 0.5	0.021	2.00	0.02	0.04
R83C300	644	272	0 - 0.5	0.021	5.04	0.02	0.11
R83C300	675	3	0 - 0.5	0.9	0.06	0.90	0.06
R83C325	552, 552B, 643	326	0 - 0.5	0.021	6.04	0.02	0.13
R83C325	552A	21	0 - 0.5	1.9	0.39	1.90	0.74
R83C328	551, 551A	60	0 - 0.5	0.021	1.11	0.02	0.02
R83C332	550	88	0 - 0.5	0.021	1.63	0.02	0.03
R83D275	673	2	0 - 0.5	0.021	0.04	0.02	0.00
R83D281	557, 557A	153	0 - 0.5	0.021	2.84	0.02	0.06
R83D295	556	21	0 - 0.5	0.021	0.38	0.02	0.01
R83E250	698, 698A	32	0 - 0.5	0.021	0.59	0.02	0.01
R83E254	646, 646A	145	0 - 0.5	0.021	2.68	0.02	0.06
R83E264	645	268	0 - 0.5	0.021	4.97	0.02	0.10
R83W475	606	264	0 - 0.5	0.021	4.89	0.02	0.10
RA-1-SB-1	598	418	0 - 0.5	0.021	7.74	0.02	0.16
SLB-1 Bottom Bank	577	236	0 - 0.5	0.021	4.37	0.02	0.09
SLB-1 Middle Bank	579	114	0 - 0.5	0.021	2.12	0.02	0.04
SLB-1 Top Bank	674	64	0 - 0.5	4.85	1.18	4.85	5.71
SL-BH001469	611, 611A	349	0 - 0.5	0.021	6.47	0.02	0.14
SL-BH001470	612, 612A	330	0 - 0.5	0.021	6.12	0.02	0.13
SL-BH001471	613, 613B	131	0 - 0.5	0.021	2.43	0.02	0.05
Totals:	--	6,593	--	--	122.09	--	10.02
					Volume-Weighted Average:		0.08

**TABLE D-81
POST-REMEDATION CONDITIONS
PARCEL I9-10-8: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-5	630	93	0.5 - 1	0.021	1.72	0.02	0.04
I9-10-8-SB-6	526	291	0.5 - 1	0.021	5.39	0.02	0.11
I9-10-8-SB-7	527	237	0.5 - 1	0.021	4.40	0.02	0.09
I9-10-8-SB-9	594	437	0.5 - 1	0.021	8.10	0.02	0.17
I9-10-8-SB-12	648	20	0.5 - 1	0.021	0.37	0.02	0.01
I9-10-9-SB-2	652, 652A	42	0.5 - 1	0.021	0.78	0.02	0.02
R83A375	640, 640A, 640B	157	0.5 - 1	0.021	2.92	0.02	0.06
R83A400	685, 686	233	0.5 - 1	0.021	4.31	0.02	0.09
R83A425	645	165	0.5 - 1	0.021	3.06	0.02	0.06
R83A450	646	40	0.5 - 1	0.021	0.73	0.02	0.02
R83B325	636	78	0.5 - 1	0.7	1.45	0.70	1.02
R83B325	636A, 636B, 636C, 636D	49	0.5 - 1	0.021	0.91	0.02	0.02
R83B350	544	28	0.5 - 1	1.9	0.51	1.90	0.97
R83B350	544A	270	0.5 - 1	0.021	5.00	0.02	0.11
R83B375	543, 543A	201	0.5 - 1	0.021	3.73	0.02	0.08
R83B400	541, 656	196	0.5 - 1	0.021	3.63	0.02	0.08
R83B425	540	272	0.5 - 1	0.021	5.03	0.02	0.11
R83B450	576, 576A	377	0.5 - 1	0.021	6.98	0.02	0.15
R83B475	649	108	0.5 - 1	0.021	2.00	0.02	0.04
R83C300	633	272	0.5 - 1	0.021	5.04	0.02	0.11
R83C300	634	3	0.5 - 1	0.815	0.06	0.82	0.05
R83C325	547	21	0.5 - 1	1.6	0.39	1.60	0.62
R83C325	547A, 547B, 657	326	0.5 - 1	0.021	6.04	0.02	0.13
R83C328	546, 546A	60	0.5 - 1	0.021	1.11	0.02	0.02
R83C332	545	88	0.5 - 1	0.021	1.63	0.02	0.03
R83D275	631	2	0.5 - 1	0.021	0.04	0.02	0.00
R83D281	552, 552A	153	0.5 - 1	0.021	2.84	0.02	0.06
R83D295	551	21	0.5 - 1	0.021	0.38	0.02	0.01
R83E250	688, 688A	32	0.5 - 1	0.021	0.59	0.02	0.0123
R83E254	654, 654A	145	0.5 - 1	0.021	2.68	0.02	0.06
R83E264	658	268	0.5 - 1	0.021	4.97	0.02	0.10
R83W475	596	264	0.5 - 1	0.021	4.89	0.02	0.10
RA-1-SB-1	597	418	0.5 - 1	0.021	7.74	0.02	0.16
SLB-1 Bottom Bank	571	236	0.5 - 1	0.021	4.37	0.02	0.09
SLB-1 Middle Bank	574	114	0.5 - 1	0.021	2.12	0.02	0.04
SLB-1 Top Bank	632	64	0.5 - 1	2.96	1.18	2.96	3.49
SL-BH001469	598, 598A	349	0.5 - 1	0.021	6.47	0.02	0.14
SL-BH001470	599, 599A	330	0.5 - 1	0.021	6.12	0.02	0.13
SL-BH001471	600, 600A	131	0.5 - 1	0.021	2.43	0.02	0.05
Totals:	--	6,593	--	--	122.09	--	8.64
					Volume-Weighted Average:		0.07

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	6,593	--	--	244.18	--	18.66
					Volume-Weighted Average:		0.08

Notes:

1. Polygon ID and area based on information shown on Figures D-40 and D-41.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.

The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

**TABLE D-82
POST-REMEDATION CONDITIONS
PARCEL I9-10-8: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-5	399	88	1 - 2	0.021	3.26	0.02	0.07
I9-10-8-SB-1	343, 343A	270	1 - 2	0.021	10.02	0.02	0.21
I9-10-8-SB-2	348	308	1 - 2	0.021	11.40	0.02	0.24
I9-10-8-SB-3	404	380	1 - 2	0.021	14.07	0.02	0.30
I9-10-8-SB-3	404A	24	1 - 2	0.0195	0.90	0.02	0.02
I9-10-8-SB-4	407, 407C	60	1 - 2	0.021	2.23	0.02	0.05
I9-10-8-SB-4	407A, 407B	90	1 - 2	0.0245	3.32	0.02	0.08
I9-10-8-SB-5	340, 340A, 340B, 340D	173	1 - 2	0.021	6.42	0.02	0.13
I9-10-8-SB-5	340C	12	1 - 2	0.089	0.44	0.09	0.04
I9-10-8-SB-6	345	498	1 - 2	0.021	18.44	0.02	0.39
I9-10-8-SB-7	346	348	1 - 2	0.021	12.90	0.02	0.27
I9-10-8-SB-9	353	513	1 - 2	0.021	19.01	0.02	0.40
I9-10-8-SB-12	419	107	1 - 2	0.021	3.98	0.02	0.08
I9-10-8-SB-16	415	36	1 - 2	0.021	1.33	0.02	0.03
I9-10-9-SB-2	423	21	1 - 2	0.79	0.77	0.79	0.61
I9-10-9-SB-2	423A	21	1 - 2	0.021	0.78	0.02	0.02
R43C120	412	57	1 - 2	0.021	2.09	0.02	0.04
R83A425	416A, 417	151	1 - 2	0.021	5.60	0.02	0.12
R83A450	418	135	1 - 2	0.021	5.02	0.02	0.11
R83A450	418A	124	1 - 2	1.1	4.58	1.10	5.03
R83B350	361	218	1 - 2	0.021	8.08	0.02	0.17
R83B350	361A	13	1 - 2	1.2	0.49	1.20	0.59
R83B400	360	217	1 - 2	0.021	8.03	0.02	0.17
R83B425	359, 416	310	1 - 2	0.021	11.48	0.02	0.24
R83B475	420	327	1 - 2	0.021	12.13	0.02	0.25
R83C332	362	116	1 - 2	0.021	4.31	0.02	0.09
R83D295	363	158	1 - 2	0.021	5.83	0.02	0.12
R83E264	425	198	1 - 2	0.021	7.32	0.02	0.15
RA-1-SB-1	376	418	1 - 2	0.021	15.48	0.02	0.33
SLB-1 Bottom Bank	377	155	1 - 2	0.021	5.75	0.02	0.12
SL-BH001469	379	373	1 - 2	0.021	13.82	0.02	0.29
SL-BH001470	380	307	1 - 2	0.021	11.38	0.02	0.24
SL-BH001471	381, 381A	366	1 - 2	0.021	13.55	0.02	0.28
Totals:	--	6,594	--	--	244.22	--	11.28
						Volume-Weighted Average:	0.05

**TABLE D-82
POST-REMEDATION CONDITIONS
PARCEL I9-10-8: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-5	438	88	2 - 3	0.021	3.26	0.02	0.07
I9-10-8-SB-1	382, 382A	270	2 - 3	0.021	10.02	0.02	0.21
I9-10-8-SB-2	387	308	2 - 3	0.021	11.40	0.02	0.24
I9-10-8-SB-3	378, 443	380	2 - 3	0.021	14.07	0.02	0.30
I9-10-8-SB-3	443A	24	2 - 3	0.0195	0.90	0.02	0.02
I9-10-8-SB-4	446, 446B	60	2 - 3	0.021	2.23	0.02	0.05
I9-10-8-SB-4	446A, 446C	90	2 - 3	0.0245	3.32	0.02	0.08
I9-10-8-SB-5	379, 379B, 379C	165	2 - 3	0.021	6.10	0.02	0.13
I9-10-8-SB-5	379A, 379D	20	2 - 3	0.089	0.75	0.09	0.07
I9-10-8-SB-6	384	498	2 - 3	0.021	18.44	0.02	0.39
I9-10-8-SB-7	385	348	2 - 3	0.021	12.88	0.02	0.27
I9-10-8-SB-9	392	513	2 - 3	0.021	19.01	0.02	0.40
I9-10-8-SB-12	458	107	2 - 3	0.021	3.98	0.02	0.08
I9-10-8-SB-16	482	36	2 - 3	0.021	1.33	0.02	0.03
I9-10-9-SB-2	462	21	2 - 3	0.79	0.77	0.79	0.61
I9-10-9-SB-2	462A	21	2 - 3	0.021	0.78	0.02	0.02
R43C120	451	57	2 - 3	0.021	2.09	0.02	0.04
R83A425	430	24	2 - 3	0.6	0.90	0.60	0.54
R83A425	455	128	2 - 3	0.021	4.73	0.02	0.10
R83A450	457, 457B	124	2 - 3	7.1	4.61	7.10	32.71
R83A450	457A	135	2 - 3	0.021	4.98	0.02	0.10
R83B350	400	218	2 - 3	0.021	8.08	0.02	0.17
R83B350	400A	13	2 - 3	0.4	0.49	0.40	0.20
R83B400	399	217	2 - 3	0.021	8.03	0.02	0.17
R83B425	398, 398A	310	2 - 3	0.021	11.48	0.02	0.24
R83B475	459	327	2 - 3	0.021	12.13	0.02	0.25
R83C332	401	116	2 - 3	0.021	4.31	0.02	0.09
R83D295	402	158	2 - 3	0.021	5.83	0.02	0.12
R83E264	464	198	2 - 3	0.021	7.32	0.02	0.15
RA-1-SB-1	416	418	2 - 3	0.021	15.48	0.02	0.33
SLB-1 Bottom Bank	405	155	2 - 3	0.021	5.75	0.02	0.12
SL-BH001469	418	373	2 - 3	0.021	13.82	0.02	0.29
SL-BH001470	419	307	2 - 3	0.021	11.38	0.02	0.24
SL-BH001471	420, 420A	366	2 - 3	0.021	13.55	0.02	0.28
Totals:	--	6,594	--	--	244.21	--	39.10
Volume-Weighted Average:						0.16	

**TABLE D-82
POST-REMEDATION CONDITIONS
PARCEL I9-10-8: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-5	377	88	3 - 4	0.021	3.26	0.02	0.07
I9-10-8-SB-1	311, 311A	270	3 - 4	0.021	10.02	0.02	0.21
I9-10-8-SB-2	316	321	3 - 4	0.93	11.88	0.93	11.05
I9-10-8-SB-2	394	40	3 - 4	0.021	1.47	0.02	0.03
I9-10-8-SB-3	307	404	3 - 4	0.055	14.97	0.06	0.82
I9-10-8-SB-4	385	58	3 - 4	0.021	2.15	0.02	0.05
I9-10-8-SB-4	385A, 385B	92	3 - 4	0.025	3.40	0.03	0.09
I9-10-8-SB-5	308, 308A, 308B, 308D	173	3 - 4	0.021	6.42	0.02	0.13
I9-10-8-SB-5	308C	12	3 - 4	0.021	0.44	0.02	0.01
I9-10-8-SB-6	313	498	3 - 4	0.021	18.44	0.02	0.39
I9-10-8-SB-7	314, 314A	348	3 - 4	0.021	12.89	0.02	0.27
I9-10-8-SB-9	321	952	3 - 4	0.021	35.27	0.02	0.74
I9-10-8-SB-9	321A	21	3 - 4	0.08	0.77	0.08	0.06
I9-10-8-SB-12	390	107	3 - 4	0.021	3.98	0.02	0.08
I9-10-8-SB-16	352	14	3 - 4	5.6	0.53	5.60	2.98
I9-10-8-SB-16	355	22	3 - 4	0.021	0.80	0.02	0.02
R43C120	358	57	3 - 4	0.021	2.09	0.02	0.04
R83A425	353	151	3 - 4	0.6	5.60	0.60	3.36
R83A450	389,389B	124	3 - 4	7.1	4.61	7.10	32.71
R83A450	389A	135	3 - 4	0.021	4.98	0.02	0.10
R83B350	329	218	3 - 4	0.021	8.08	0.02	0.17
R83B350	329A	13	3 - 4	0.4	0.49	0.40	0.20
R83B400	328	217	3 - 4	0.021	8.03	0.02	0.17
R83B425	327, 327A	310	3 - 4	0.021	11.48	0.02	0.24
R83B475	391	327	3 - 4	0.021	12.13	0.02	0.25
R83C332	330	116	3 - 4	0.3	4.30	0.30	1.29
R83D295	331	257	3 - 4	0.021	9.52	0.02	0.20
R83E264	395	202	3 - 4	0.021	7.47	0.02	0.16
SL-BH001469	344	373	3 - 4	0.021	13.82	0.02	0.29
SL-BH001470	345	69	3 - 4	0.2	2.57	0.20	0.51
SL-BH001470	345A	238	3 - 4	0.021	8.81	0.02	0.19
SL-BH001471	346	366	3 - 4	0.31	13.55	0.31	4.20
Totals:	--	6,594	--	--	244.23	--	61.07
Volume-Weighted Average:							0.25

**TABLE D-82
POST-REMEDATION CONDITIONS
PARCEL I9-10-8: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-5	377	88	4 - 5	0.021	3.26	0.02	0.07
I9-10-8-SB-1	311, 311A	270	4 - 5	0.021	10.02	0.02	0.21
I9-10-8-SB-2	316	321	4 - 5	0.93	11.87	0.93	11.04
I9-10-8-SB-2	393	40	4 - 5	0.021	1.47	0.02	0.03
I9-10-8-SB-3	307	404	4 - 5	0.055	14.97	0.06	0.82
I9-10-8-SB-4	383A, 384A	92	4 - 5	0.025	3.40	0.03	0.09
I9-10-8-SB-4	384	58	4 - 5	0.021	2.15	0.02	0.05
I9-10-8-SB-5	308, 308A, 308B, 308D	173	4 - 5	0.021	6.42	0.02	0.13
I9-10-8-SB-5	308C	12	4 - 5	0.021	0.44	0.02	0.01
I9-10-8-SB-6	313	498	4 - 5	0.021	18.44	0.02	0.39
I9-10-8-SB-7	314, 314A	348	4 - 5	0.021	12.89	0.02	0.27
I9-10-8-SB-9	321	952	4 - 5	0.021	35.27	0.02	0.74
I9-10-8-SB-9	321A	21	4 - 5	0.08	0.77	0.08	0.06
I9-10-8-SB-12	389	107	4 - 5	0.021	3.98	0.02	0.08
I9-10-8-SB-16	352	36	4 - 5	0.021	1.33	0.02	0.03
I9-10-8-SB-16	355	36	4 - 5	5.6	1.33	5.60	7.44
R43C120	358	57	4 - 5	0.021	2.09	0.02	0.04
R83A425	354	151	4 - 5	0.4	5.60	0.40	2.24
R83A450	388,388B	124	4 - 5	2.7	4.61	2.70	12.44
R83A450	388A	135	4 - 5	0.021	4.98	0.02	0.10
R83B350	329	218	4 - 5	0.021	8.08	0.02	0.17
R83B350	329A	13	4 - 5	2.225	0.49	2.23	1.10
R83B400	328	217	4 - 5	0.021	8.03	0.02	0.17
R83B425	327, 327A	310	4 - 5	0.021	11.48	0.02	0.24
R83B475	390	327	4 - 5	0.021	12.13	0.02	0.25
R83C332	330	116	4 - 5	0.25	4.30	0.25	1.07
R83D295	331	257	4 - 5	0.021	9.52	0.02	0.20
R83E264	394	202	4 - 5	0.021	7.47	0.02	0.16
SL-BH001469	344	373	4 - 5	0.021	13.82	0.02	0.29
SL-BH001470	345	69	4 - 5	0.2	2.57	0.20	0.51
SL-BH001470	345A	238	4 - 5	0.021	8.81	0.02	0.19
SL-BH001471	346	366	4 - 5	0.31	13.55	0.31	4.20
Totals:	--	6,630	--	--	245.55	--	44.84
Volume-Weighted Average:							0.18

**TABLE D-82
POST-REMEDATION CONDITIONS
PARCEL I9-10-8: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-5	314	128	5 - 6	0.021	4.76	0.02	0.10
I9-10-8-SB-2	253	493	5 - 6	10.9	18.27	10.90	199.19
I9-10-8-SB-6	250	506	5 - 6	1.05	18.75	1.05	19.69
I9-10-8-SB-7	251	311	5 - 6	0.077	11.53	0.08	0.89
I9-10-8-SB-7	251A	37	5 - 6	0.021	1.37	0.02	0.03
I9-10-8-SB-10	313	21	5 - 6	0.0205	0.77	0.02	0.02
I9-10-8-SB-12	311	107	5 - 6	0.021	3.98	0.02	0.08
I9-10-8-SB-16	308	36	5 - 6	3.6	1.33	3.60	4.78
R43C120	307	57	5 - 6	0.3	2.09	0.30	0.63
R83A425	309	151	5 - 6	0.4	5.60	0.40	2.24
R83A450	310,310B	124	5 - 6	2.7	4.61	2.70	12.44
R83A450	310A	135	5 - 6	0.021	4.98	0.02	0.10
R83B350	264	311	5 - 6	2.225	11.52	2.23	25.64
R83B400	263	217	5 - 6	1.9	8.03	1.90	15.25
R83B425	262	310	5 - 6	0.021	11.49	0.02	0.24
R83B475	312	1280	5 - 6	0.021	47.40	0.02	1.00
R83C332	265	116	5 - 6	0.25	4.31	0.25	1.08
R83D295	266	257	5 - 6	3.5	9.52	3.50	33.32
R83E264	298, 299	432	5 - 6	0.021	16.00	0.02	0.34
SL-BH001469	280	517	5 - 6	0.021	19.15	0.02	0.40
SL-BH001470	281	378	5 - 6	0.2	13.99	0.20	2.80
SL-BH001471	282	670	5 - 6	0.31	24.80	0.31	7.69
Totals:	--	6,595	--	--	244.26	--	327.93
Volume-Weighted Average:							1.34

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-5	298	128	6 - 7	0.021	4.76	0.02	0.10
I9-10-8-SB-2	243	550	6 - 7	10.9	20.36	10.90	221.94
I9-10-8-SB-6	240	736	6 - 7	1.05	27.25	1.05	28.61
I9-10-8-SB-7	241	311	6 - 7	0.077	11.53	0.08	0.89
I9-10-8-SB-7	241A	37	6 - 7	0.021	1.37	0.02	0.03
I9-10-8-SB-10	297	807	6 - 7	0.0205	29.87	0.02	0.61
I9-10-8-SB-12	295	203	6 - 7	0.021	7.52	0.02	0.16
I9-10-8-SB-16	292	36	6 - 7	3.6	1.33	3.60	4.78
R43C120	291	57	6 - 7	0.3	2.09	0.30	0.63
R83A425	293	151	6 - 7	0.35	5.60	0.35	1.96
R83A450	294,294B	124	6 - 7	0.8	4.61	0.80	3.69
R83A450	294A	135	6 - 7	0.021	4.98	0.02	0.10
R83B350	254	823	6 - 7	18.04	30.46	18.04	549.64
R83B400	253	217	6 - 7	2	8.03	2.00	16.06
R83B425	252	310	6 - 7	0.021	11.49	0.02	0.24
R83B475	296	398	6 - 7	0.021	14.75	0.02	0.31
R83C332	255	884	6 - 7	0.25	32.74	0.25	8.18
R83D295	256	257	6 - 7	4.3	9.52	4.30	40.93
R83E264	285	285	6 - 7	12.5	10.57	12.50	132.13
R83E264	299	146	6 - 7	0.021	5.43	0.02	0.11
Totals:	--	6,595	--	--	244.26	--	1,011.10
Volume-Weighted Average:							4.14

**TABLE D-82
POST-REMEDATION CONDITIONS
PARCEL I9-10-8: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-2	223	550	7 - 8	0.0645	20.36	0.06	1.31
I9-10-8-SB-6	221	743	7 - 8	0.09	27.50	0.09	2.48
I9-10-8-SB-8	219	1221	7 - 8	0.154	45.21	0.15	6.96
I9-10-8-SB-10	281	225	7 - 8	0.019	8.32	0.02	0.16
I9-10-8-SB-12	278	16	7 - 8	0.021	0.60	0.02	0.01
I9-10-8-SB-16	275	214	7 - 8	0.615	7.92	0.62	4.87
R43C120	274	90	7 - 8	0.3	3.32	0.30	1.00
R83A425	276	152	7 - 8	0.35	5.62	0.35	1.97
R83A450	277,277A	52	7 - 8	0.8	1.92	0.80	1.54
R83A450	277B	135	7 - 8	0.021	4.98	0.02	0.10
R83B350	236	823	7 - 8	18.04	30.46	18.04	549.64
R83B400	235	310	7 - 8	2	11.47	2.00	22.94
R83B425	234	347	7 - 8	0.021	12.85	0.02	0.27
R83B475	280	19	7 - 8	0.021	0.72	0.02	0.02
R83C332	237	884	7 - 8	0.25	32.74	0.25	8.18
R83D295	238	257	7 - 8	4.3	9.52	4.30	40.93
R83E264	268	483	7 - 8	12.5	17.89	12.50	223.62
R84A165	265	22	7 - 8	6	0.80	6.00	4.81
R84A168	267	56	7 - 8	9	2.06	9.00	18.55
Totals:	--	6,595	--	--	244.26	--	889.35
Volume-Weighted Average:							3.64

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-6	70	70	8 - 9	0.028	2.59	0.03	0.07
I9-10-8-SB-2	33	1,918	8 - 9	0.0645	71.03	0.06	4.58
I9-10-8-SB-6	63	2,124	8 - 9	0.09	78.68	0.09	7.08
I9-10-8-SB-8	10	1,325	8 - 9	0.154	49.07	0.15	7.56
I9-10-8-SB-10	28	229	8 - 9	0.019	8.47	0.02	0.16
I9-10-8-SB-12	18	160	8 - 9	0.021	5.94	0.02	0.12
I9-10-8-SB-16	61	769	8 - 9	0.615	28.47	0.62	17.51
Totals:	--	6,595	--	--	244.26	--	37.09
Volume-Weighted Average:							0.15

SUMMARY: 1- TO X-FOOT DEPTH [X=9] INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	6,599	--	--	1,955.25	--	2,421.76
Volume-Weighted Average:							1.24

Notes:

1. Polygon ID and area based on information shown on Figures D-42 through D-49.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation. The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

ARCADIS

Parcel I9-10-8 (non-bank)

**TABLE D-83
EXISTING CONDITIONS
PARCEL I9-10-8: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
ET-SB-1	597A	335	0 - 0.5	0.79	6.20	0.79	4.90
I9-9-1-SB-5	656, 656A	57	0 - 0.5	9.2	1.05	9.20	9.65
I9-10-8-SB-7	633	20	0 - 0.5	1.99	0.36	1.99	0.72
I9-10-8-SB-10	603	333	0 - 0.5	0.56	6.17	0.56	3.46
I9-10-8-SB-12	602	171	0 - 0.5	0.64	3.16	0.64	2.02
I9-10-8-SB-14	663	60	0 - 0.5	0.76	1.12	0.76	0.85
I9-10-8-SB-15	538	366	0 - 0.5	1.89	6.78	1.89	12.82
I9-10-9-SB-2	692, 692A	49	0 - 0.5	0.226	0.91	0.23	0.21
I9-10-13-SS-1	665	14	0 - 0.5	0.31	0.26	0.31	0.08
R42A120	666	11	0 - 0.5	0.2	0.20	0.20	0.04
R42C120	664	18	0 - 0.5	0.5	0.33	0.50	0.16
R43B120	632	1	0 - 0.5	0.3	0.01	0.30	0.004
R43C120	637	25	0 - 0.5	0.3	0.45	0.30	0.14
R44B120	693	3	0 - 0.5	0.2	0.06	0.20	0.01
R44D120	671,671A	22	0 - 0.5	0.7	0.42	0.70	0.29
R83A150	582	211	0 - 0.5	0.9	3.90	0.90	3.51
R83A175	591	419	0 - 0.5	0.7	7.75	0.70	5.43
R83A200	590	452	0 - 0.5	0.4	8.37	0.40	3.35
R83A225	589	469	0 - 0.5	0.275	8.69	0.28	2.39
R83A250	587	475	0 - 0.5	0.6	8.80	0.60	5.28
R83A275	586	477	0 - 0.5	0.4	8.83	0.40	3.53
R83A300	585	471	0 - 0.5	0.3	8.72	0.30	2.62
R83A325	595	449	0 - 0.5	0.3	8.31	0.30	2.49
R83A350	584	401	0 - 0.5	0.9	7.43	0.90	6.69
R83A375	547, 638	221	0 - 0.5	0.85	4.10	0.85	3.48
R83A400	635	39	0 - 0.5	4.2	0.73	4.20	3.07
R83A425	546	67	0 - 0.5	2.0	1.23	2.00	2.47
R83A450	614	132	0 - 0.5	0.3	2.44	0.30	0.73
R83A475	615,615A	208	0 - 0.5	0.7	3.85	0.70	2.69
R83B150	574	325	0 - 0.5	0.9	6.01	0.90	5.41
R83B175	573, 618	588	0 - 0.5	0.3	10.89	0.30	3.27
R83B200	569, 569B, 619	588	0 - 0.5	0.3	10.89	0.30	3.27
R83B225	568, 568A	588	0 - 0.5	0.265	10.89	0.27	2.89
R83B250	563, 563A	429	0 - 0.5	0.3	7.95	0.30	2.38
R83B275	562, 562A	456	0 - 0.5	0.3	8.44	0.30	2.53
R83B300	554	617	0 - 0.5	0.6	11.42	0.60	6.85
R83B325	553	413	0 - 0.5	0.25	7.65	0.25	1.91
R83B350	678	91	0 - 0.5	1.3	1.69	1.30	2.20
R83B475	605	229	0 - 0.5	6.75	4.25	6.75	28.68
R83C150	662	289	0 - 0.5	0.3	5.35	0.30	1.61
R83C175	610, 617	588	0 - 0.5	0.3	10.89	0.30	3.27
R83C200	570, 570A, 570B	588	0 - 0.5	0.3	10.89	0.30	3.27
R83C225	567	588	0 - 0.5	0.3	10.89	0.30	3.27
R83C250	564	567	0 - 0.5	0.2	10.49	0.20	2.10
R83C275	578, 578A	486	0 - 0.5	0.3	9.01	0.30	2.70
R83C300	555, 555A	449	0 - 0.5	0.9	8.31	0.90	7.48
R83C325	676	34	0 - 0.5	1.9	0.63	1.90	1.20
R83D150	661	253	0 - 0.5	0.8	4.69	0.80	3.75
R83D175	572	588	0 - 0.5	0.7	10.89	0.70	7.62
R83D200	571, 571A	588	0 - 0.5	0.7	10.89	0.70	7.62
R83D225	566	588	0 - 0.5	2.15	10.89	2.15	23.42
R83D250	565	573	0 - 0.5	0.515	10.62	0.52	5.47
R83D275	561	325	0 - 0.5	1.2	6.01	1.20	7.22
R83D281	697	21	0 - 0.5	1.2	0.40	1.20	0.47
R83E150	660	60	0 - 0.5	3.9	1.12	3.90	4.37
R83E175	597	542	0 - 0.5	1.85	10.04	1.85	18.57
R83E200	596, 596A	775	0 - 0.5	1	14.35	1.00	14.35
R83E225	588, 588A	803	0 - 0.5	1.95	14.86	1.95	28.98
R83E250	560	417	0 - 0.5	6.3	7.73	6.30	48.69
R83E254	559	102	0 - 0.5	5.3	1.89	5.30	10.03
R83E264	558	148	0 - 0.5	160	2.73	160.00	437.42
R83W475	691	25	0 - 0.5	1.7	0.46	1.70	0.79
R84A100	659	1	0 - 0.5	0.25	0.01	0.25	0.00
R84A125	658	1	0 - 0.5	0.3	0.02	0.30	0.01
R84A150	657	36	0 - 0.5	0.25	0.66	0.25	0.16
SLB-1 Top Bank	576	88	0 - 0.5	4.85	1.63	4.85	7.90
SLB-1 Top Bank-10	599, 599A	226	0 - 0.5	0.48	4.19	0.48	2.01
SLB-1 Top Bank-50	600, 600A	350	0 - 0.5	0.26	6.49	0.26	1.69
SL-BH001469	680	4	0 - 0.5	480	0.07	480.00	31.73
Totals:	--	20,404	--	--	377.85	--	829.64
					Volume-Weighted Average:		2.20

**TABLE D-83
EXISTING CONDITIONS
PARCEL I9-10-8: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
ET-SB-1	592A	335	0.5 - 1	0.79	6.20	0.79	4.90
I9-9-1-SB-5	629, 629A	57	0.5 - 1	9.2	1.05	9.20	9.65
I9-10-8-SB-7	622	20	0.5 - 1	1.99	0.36	1.99	0.72
I9-10-8-SB-10	529	333	0.5 - 1	0.56	6.17	0.56	3.46
I9-10-8-SB-12	593	171	0.5 - 1	0.64	3.16	0.64	2.02
I9-10-8-SB-14	676	60	0.5 - 1	0.76	1.12	0.76	0.85
I9-10-8-SB-15	531	366	0.5 - 1	1.89	6.78	1.89	12.82
I9-10-9-SB-2	651, 651A	49	0.5 - 1	0.226	0.91	0.23	0.21
I9-10-13-SS-1	678	14	0.5 - 1	0.94	0.26	0.94	0.25
R42A120	679	11	0.5 - 1	0.2	0.20	0.20	0.04
R42C120	677	18	0.5 - 1	0.3	0.33	0.30	0.10
R43B120	621	1	0.5 - 1	0.6	0.01	0.60	0.01
R43C120	626	25	0.5 - 1	0.25	0.45	0.25	0.11
R44B120	683	3	0.5 - 1	0.6	0.06	0.60	0.04
R44D120	615, 615A	22	0.5 - 1	0.6	0.42	0.60	0.25
R83A150	577	211	0.5 - 1	1.85	3.90	1.85	7.22
R83A175	586	419	0.5 - 1	0.3	7.75	0.30	2.33
R83A200	585	452	0.5 - 1	0.405	8.37	0.41	3.39
R83A225	584	469	0.5 - 1	0.25	8.69	0.25	2.17
R83A250	582	486	0.5 - 1	0.5	9.00	0.50	4.50
R83A275	581	486	0.5 - 1	0.5	8.99	0.50	4.50
R83A300	580	471	0.5 - 1	0.3	8.72	0.30	2.62
R83A325	590	449	0.5 - 1	0.7	8.31	0.70	5.82
R83A350	579	401	0.5 - 1	1.2	7.43	1.20	8.92
R83A375	542, 627	221	0.5 - 1	0.4	4.10	0.40	1.64
R83A400	624	39	0.5 - 1	4.2	0.73	4.20	3.07
R83A425	539	67	0.5 - 1	2.55	1.23	2.55	3.14
R83A450	601	132	0.5 - 1	0.5	2.44	0.50	1.22
R83A475	602, 602A	208	0.5 - 1	1	3.85	1.00	3.85
R83B150	569	325	0.5 - 1	1.4	6.01	1.40	8.42
R83B175	568, 605	588	0.5 - 1	0.9	10.89	0.90	9.80
R83B200	564, 564A, 606	588	0.5 - 1	0.31	10.89	0.31	3.38
R83B225	563, 563A	588	0.5 - 1	0.3	10.89	0.30	3.27
R83B250	558, 558A	588	0.5 - 1	0.3	10.89	0.30	3.27
R83B275	557, 557A	588	0.5 - 1	0.5	10.89	0.50	5.45
R83B300	549	617	0.5 - 1	0.7	11.42	0.70	7.99
R83B325	548	413	0.5 - 1	0.7	7.65	0.70	5.36
R83B350	637	91	0.5 - 1	1.9	1.69	1.90	3.22
R83B475	595	229	0.5 - 1	6.675	4.25	6.68	28.36
R83C150	675	289	0.5 - 1	0.2	5.35	0.20	1.07
R83C175	573, 604	588	0.5 - 1	0.3	10.89	0.30	3.27
R83C200	565, 565A, 603	588	0.5 - 1	0.3	10.89	0.30	3.27
R83C225	562	588	0.5 - 1	0.25	10.89	0.25	2.72
R83C250	559	588	0.5 - 1	0.3	10.89	0.30	3.27
R83C275	572, 572A	575	0.5 - 1	0.3	10.65	0.30	3.19
R83C300	550, 550A	463	0.5 - 1	0.815	8.57	0.82	6.99
R83C325	635	34	0.5 - 1	1.6	0.63	1.60	1.01
R83D150	674	253	0.5 - 1	0.77	4.69	0.77	3.61
R83D175	567	588	0.5 - 1	0.8	10.89	0.80	8.71
R83D200	566, 566A	588	0.5 - 1	1.2	10.89	1.20	13.07
R83D225	561	588	0.5 - 1	2.35	10.89	2.35	25.60
R83D250	560	573	0.5 - 1	0.5	10.62	0.50	5.31
R83D275	556	381	0.5 - 1	1.55	7.05	1.55	10.92
R83D281	687	21	0.5 - 1	2.4	0.40	2.40	0.95
R83E150	673	60	0.5 - 1	4.15	1.12	4.15	4.65
R83E175	592	542	0.5 - 1	2.9	10.04	2.90	29.10
R83E200	591, 591A	775	0.5 - 1	1.15	14.35	1.15	16.50
R83E225	583, 583A	803	0.5 - 1	1.75	14.86	1.75	26.01
R83E250	555	417	0.5 - 1	9.9	7.73	9.90	76.52
R83E254	554	102	0.5 - 1	8.3	1.89	8.30	15.70
R83E264	553	148	0.5 - 1	88	2.73	88.00	240.58
R83W475	650	25	0.5 - 1	18	0.46	18.00	8.36
R84A100	672	1	0.5 - 1	0.25	0.01	0.25	0.00
R84A125	671	1	0.5 - 1	0.25	0.02	0.25	0.01
R84A150	670	36	0.5 - 1	0.6	0.66	0.60	0.40
SLB-1 Top Bank	570	174	0.5 - 1	2.96	3.22	2.96	9.52
SL-BH001469	639	4	0.5 - 1	480	0.07	480.00	31.73
Totals:	--	20,404	--	--	377.84	--	720.32
						Volume-Weighted Average:	1.91

**TABLE D-83
EXISTING CONDITIONS
PARCEL I9-10-8: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	20,404	--	--	755.69	--	1,549.96
					Volume-Weighted Average:		2.05

Notes:

1. Polygon ID and area based on information shown on Figures D-40 and D-41.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-84
EXISTING CONDITIONS
PARCEL I9-10-8: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
ET-SB-1	431	468	1 - 2	0.047	17.34	0.05	0.815
I9-9-1-SB-5	398, 398A	78	1 - 2	0.0215	2.87	0.02	0.06
I9-10-8-SB-1	400, 400A	254	1 - 2	0.0215	9.42	0.02	0.2025
I9-10-8-SB-2	402	77	1 - 2	8.65	2.87	8.65	24.79
I9-10-8-SB-3	403, 403A	890	1 - 2	0.0195	32.98	0.02	0.6431
I9-10-8-SB-4	406	696	1 - 2	0.0245	25.77	0.02	0.631
I9-10-8-SB-5	409, 409A	412	1 - 2	0.089	15.25	0.09	1.36
I9-10-8-SB-6	410	2	1 - 2	6.4	0.06	6.40	0.37
I9-10-8-SB-7	395	29	1 - 2	165	1.06	165.00	174
I9-10-8-SB-9	421	1	1 - 2	0.127	0.05	0.13	0.01
I9-10-8-SB-10	350	371	1 - 2	0.385	13.73	0.39	5.29
I9-10-8-SB-12	347	212	1 - 2	0.67	7.86	0.67	5.27
I9-10-8-SB-13	436	611	1 - 2	0.093	22.62	0.09	2.10
I9-10-8-SB-14	435	108	1 - 2	0.018	3.99	0.02	0.0718
I9-10-8-SB-15	354	708	1 - 2	0.99	26.22	0.99	25.96
I9-10-8-SB-16	394	21	1 - 2	24.3	0.77	24.30	18.7
I9-10-9-SB-2	422, 422A	51	1 - 2	0.79	1.90	0.79	1.50
R42A120	438	511	1 - 2	0.25	18.93	0.25	4.73
R42C120	437	1108	1 - 2	0.25	41.04	0.25	10.26
R43A120	390	5	1 - 2	0.3	0.20	0.30	0.06
R43C120	411, 413	127	1 - 2	0.3	4.69	0.30	1.41
R44C120	441	1	1 - 2	0.5	0.02	0.50	0.01
R83A150	370	536	1 - 2	0.5	19.84	0.50	9.92
R83A225	372	2206	1 - 2	0.2	81.70	0.20	16.34
R83A425	358, 391	62	1 - 2	2.3	2.28	2.30	5.24
R83A450	368, 368A	144	1 - 2	1.1	5.32	1.10	5.86
R83B125	434	25	1 - 2	1.2	0.92	1.20	1.10
R83B350	408	90	1 - 2	1.2	3.34	1.20	4.00
R83B475	357	383	1 - 2	13	14.19	13.00	184
R83C175	367, 382	2629	1 - 2	0.3	97.38	0.30	29.21
R83C275	366, 366A	2155	1 - 2	0.3	79.80	0.30	23.94
R83D125	433	5	1 - 2	1.9	0.19	1.90	0.36
R83D225	365	2018	1 - 2	1.9	74.76	1.90	142.04
R83D295	401, 401A	250	1 - 2	5.25	9.27	5.25	48.69
R83E150	432	243	1 - 2	3.7	9.00	3.70	33.29
R83E200	375	1336	1 - 2	0.4	49.49	0.40	19.80
R83E225	371	965	1 - 2	1.9	35.72	1.90	67.88
R83E264	364, 364A	585	1 - 2	110	21.66	110.00	2,382
SL-BH001471	405	33	1 - 2	34	1.21	34.00	41
Totals:	--	20,404	--	--	755.69	--	3,294.32
Volume-Weighted Average:							4.36

**TABLE D-84
EXISTING CONDITIONS
PARCEL I9-10-8: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
ET-SB-1	471	468	2 - 3	0.047	17.34	0.05	0.82
I9-9-1-SB-5	437, 437A	78	2 - 3	6.8	2.87	6.80	19.54
I9-10-8-SB-1	439, 439A	254	2 - 3	0.0215	9.42	0.02	0.20
I9-10-8-SB-2	441	77	2 - 3	8.65	2.87	8.65	24.79
I9-10-8-SB-3	442, 442A	890	2 - 3	0.0195	32.98	0.02	0.64
I9-10-8-SB-4	445	696	2 - 3	0.0245	25.77	0.02	0.63
I9-10-8-SB-5	448, 448A	412	2 - 3	0.089	15.25	0.09	1.36
I9-10-8-SB-6	449	2	2 - 3	6.4	0.06	6.40	0.37
I9-10-8-SB-7	453	29	2 - 3	165	1.06	165.00	174.41
I9-10-8-SB-9	460	1	2 - 3	0.127	0.05	0.13	0.01
I9-10-8-SB-10	389	371	2 - 3	0.385	13.73	0.39	5.29
I9-10-8-SB-12	386	212	2 - 3	0.67	7.86	0.67	5.27
I9-10-8-SB-13	476	611	2 - 3	0.093	22.62	0.09	2.10
I9-10-8-SB-14	475	108	2 - 3	0.018	3.99	0.02	0.07
I9-10-8-SB-15	393	708	2 - 3	0.99	26.22	0.99	25.96
I9-10-8-SB-16	433	21	2 - 3	24.3	0.77	24.30	18.69
I9-10-9-SB-2	461, 461A	51	2 - 3	0.79	1.90	0.79	1.50
R42A120	478	511	2 - 3	0.2	18.93	0.20	3.79
R42C120	477	1108	2 - 3	0.3	41.04	0.30	12.31
R43A120	429	5	2 - 3	0.25	0.20	0.25	0.05
R43C120	436, 450	127	2 - 3	0.3	4.69	0.30	1.41
R44C120	481	1	2 - 3	0.25	0.02	0.25	0.00
R83A150	410	536	2 - 3	0.3	19.84	0.30	5.95
R83A225	412	2206	2 - 3	0.3	81.70	0.30	24.51
R83A425	397, 456	62	2 - 3	0.9	2.28	0.90	2.05
R83A450	408, 408A	144	2 - 3	7.1	5.32	7.10	37.79
R83B125	474	25	2 - 3	0.3	0.92	0.30	0.28
R83B350	447	90	2 - 3	0.4	3.34	0.40	1.33
R83B475	396	383	2 - 3	250	14.19	250.00	3,547
R83C175	407, 421	2629	2 - 3	0.3	97.38	0.30	29.21
R83C275	406, 406A	2155	2 - 3	0.3	79.80	0.30	23.94
R83D125	473	5	2 - 3	0.3	0.19	0.30	0.06
R83D225	404	2018	2 - 3	0.3	74.76	0.30	22.43
R83D295	440, 440A	250	2 - 3	12	9.27	12.00	111.30
R83E150	472	243	2 - 3	0.3	9.00	0.30	2.70
R83E200	415	1336	2 - 3	0.35	49.49	0.35	17.32
R83E225	411	965	2 - 3	0.35	35.72	0.35	12.50
R83E264	403, 403A	585	2 - 3	22	21.66	22.00	476.47
SL-BH001471	444	33	2 - 3	34	1.21	34.00	41.20
Totals:	--	20,404	--	--	755.69	--	4,655.66
Volume-Weighted Average:							6.16

**TABLE D-84
EXISTING CONDITIONS
PARCEL I9-10-8: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-5	376, 376A	78	3 - 4	0.57	2.87	0.57	1.64
I9-10-8-SB-1	378, 378A	254	3 - 4	0.022	9.42	0.02	0.21
I9-10-8-SB-2	381	77	3 - 4	0.93	2.87	0.93	2.66
I9-10-8-SB-3	382	890	3 - 4	0.055	32.98	0.06	1.81
I9-10-8-SB-4	384	696	3 - 4	0.025	25.77	0.03	0.64
I9-10-8-SB-5	387, 387A	412	3 - 4	0.021	15.25	0.02	0.32
I9-10-8-SB-6	388	2	3 - 4	0.238	0.06	0.24	0.01
I9-10-8-SB-7	374	29	3 - 4	0.93	1.06	0.93	0.99
I9-10-8-SB-9	392, 392A	17	3 - 4	0.08	0.65	0.08	0.05
I9-10-8-SB-10	318	405	3 - 4	0.0195	15.00	0.02	0.29
I9-10-8-SB-12	315	212	3 - 4	14	7.86	14.00	110.05
I9-10-8-SB-13	406	642	3 - 4	0.021	23.79	0.02	0.50
I9-10-8-SB-15	322	905	3 - 4	0.0195	33.51	0.02	0.65
I9-10-8-SB-16	349, 350	21	3 - 4	5.6	0.77	5.60	4.31
R42A120	408	511	3 - 4	0.2	18.93	0.20	3.79
R42C120	407	1108	3 - 4	0.3	41.04	0.30	12.31
R43A120	372	5	3 - 4	0.25	0.20	0.25	0.05
R43C120	359, 360	127	3 - 4	0.3	4.69	0.30	1.41
R44C120	412	1	3 - 4	0.25	0.02	0.25	0.005
R83A150	338	612	3 - 4	0.3	22.67	0.30	6.80
R83A225	340	2206	3 - 4	0.3	81.70	0.30	24.51
R83A425	326	61	3 - 4	0.9	2.28	0.90	2.05
R83A450	336, 336A	144	3 - 4	7.1	5.32	7.10	37.79
R83B125	405	25	3 - 4	0.3	0.92	0.30	0.28
R83B350	386	90	3 - 4	0.4	3.34	0.40	1.33
R83B475	325	384	3 - 4	250	14.22	250.00	3,554.75
R83C175	335	2629	3 - 4	0.3	97.38	0.30	29.21
R83C275	334	2155	3 - 4	0.3	79.80	0.30	23.94
R83D125	404	5	3 - 4	0.3	0.19	0.30	0.06
R83D225	333	2018	3 - 4	0.3	74.76	0.30	22.43
R83D295	379, 379A	250	3 - 4	12	9.27	12.00	111.29
R83E150	403	243	3 - 4	0.3	9.00	0.30	2.70
R83E200	343	1608	3 - 4	0.35	59.54	0.35	20.84
R83E225	339	965	3 - 4	0.35	35.72	0.35	12.50
R83E264	332, 332A	585	3 - 4	22	21.66	22.00	476.47
SL-BH001471	383	33	3 - 4	0.31	1.21	0.31	0.38
Totals:	--	20,404	--	--	755.69	--	4,469.03
					Volume-Weighted Average:	5.91	

**TABLE D-84
EXISTING CONDITIONS
PARCEL I9-10-8: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-5	376, 376A	78	4 - 5	0.57	2.87	0.57	1.64
I9-10-8-SB-1	412, 412A	254	4 - 5	0.022	9.42	0.02	0.21
I9-10-8-SB-2	380	77	4 - 5	0.93	2.87	0.93	2.66
I9-10-8-SB-3	381	890	4 - 5	0.055	32.98	0.06	1.81
I9-10-8-SB-4	383	696	4 - 5	0.025	25.77	0.03	0.64
I9-10-8-SB-5	386, 386A	412	4 - 5	0.021	15.25	0.02	0.32
I9-10-8-SB-6	387	2	4 - 5	0.238	0.06	0.24	0.01
I9-10-8-SB-7	374	29	4 - 5	0.93	1.06	0.93	0.99
I9-10-8-SB-9	391, 391A	17	4 - 5	0.08	0.65	0.08	0.05
I9-10-8-SB-10	318	405	4 - 5	0.0195	15.00	0.02	0.29
I9-10-8-SB-12	315	212	4 - 5	14	7.86	14.00	110.05
I9-10-8-SB-13	404	642	4 - 5	0.021	23.79	0.02	0.50
I9-10-8-SB-15	322	905	4 - 5	0.0195	33.51	0.02	0.65
I9-10-8-SB-16	349, 350	21	4 - 5	5.6	0.77	5.60	4.31
R42A120	406	511	4 - 5	0.3	18.93	0.30	5.68
R42C120	405	1108	4 - 5	0.4	41.04	0.40	16.42
R43A120	372	5	4 - 5	0.25	0.20	0.25	0.05
R43C120	359, 360	127	4 - 5	0.3	4.69	0.30	1.41
R44C120	410	1	4 - 5	0.25	0.02	0.25	0.005
R83A150	338	612	4 - 5	0.3	22.67	0.30	6.80
R83A225	340	2206	4 - 5	0.25	81.70	0.25	20.42
R83A425	326	61	4 - 5	0.4	2.28	0.40	0.91
R83A450	336, 336A	144	4 - 5	2.7	5.32	2.70	14.37
R83B125	403	25	4 - 5	0.3	0.92	0.30	0.28
R83B350	385	90	4 - 5	2.225	3.34	2.23	7.42
R83B475	325	384	4 - 5	350	14.22	350.00	4,976.65
R83C175	335	2629	4 - 5	0.18	97.38	0.18	17.53
R83C275	334	2155	4 - 5	0.5	79.80	0.50	39.90
R83D125	402	5	4 - 5	0.3	0.19	0.30	0.06
R83D225	333	2018	4 - 5	5.5	74.76	5.50	411.17
R83D295	378, 379	250	4 - 5	3.5	9.27	3.50	32.46
R83E150	401	243	4 - 5	0.25	9.00	0.25	2.25
R83E200	343	1608	4 - 5	0.25	59.54	0.25	14.89
R83E225	339	965	4 - 5	0.3	35.72	0.30	10.72
R83E264	332, 332A	585	4 - 5	22	21.66	22.00	476.47
SL-BH001471	382	33	4 - 5	0.31	1.21	0.31	0.38
Totals:	--	20,404	--	--	755.69	--	6,180.37
Volume-Weighted Average:							8.18

**TABLE D-84
EXISTING CONDITIONS
PARCEL I9-10-8: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-5	320	91	5 - 6	0.037	3.37	0.04	0.12
I9-10-8-SB-2	301	141	5 - 6	10.9	5.22	10.90	56.86
I9-10-8-SB-6	306	6	5 - 6	1.05	0.24	1.05	0.25
I9-10-8-SB-7	295	29	5 - 6	0.077	1.06	0.08	0.08
I9-10-8-SB-10	255	418	5 - 6	0.0205	15.49	0.02	0.32
I9-10-8-SB-12	252	212	5 - 6	24	7.86	24.00	188.66
I9-10-8-SB-16	294	21	5 - 6	3.6	0.77	3.60	2.77
R42A120	325	815	5 - 6	0.3	30.19	0.30	9.06
R43A120	292	5	5 - 6	0.25	0.20	0.25	0.05
R43C120	297	160	5 - 6	0.3	5.91	0.30	1.77
R44C120	328	1	5 - 6	0.3	0.02	0.30	0.01
R83A150	273	972	5 - 6	0.3	36.02	0.30	10.81
R83A225	275	2367	5 - 6	0.25	87.67	0.25	21.92
R83A425	261	61	5 - 6	0.4	2.28	0.40	0.91
R83A450	271, 271A	144	5 - 6	2.7	5.32	2.70	14.37
R83B125	323	25	5 - 6	0.3	0.92	0.30	0.28
R83B350	304	537	5 - 6	2.225	19.87	2.23	44.21
R83B475	260	388	5 - 6	350	14.37	350.00	5,030
R83C120	324	1141	5 - 6	0.4	42.28	0.40	16.91
R83C175	270	2760	5 - 6	0.18	102.23	0.18	18.40
R83C275	269	2489	5 - 6	0.5	92.20	0.50	46.10
R83D125	322	5	5 - 6	0.3	0.19	0.30	0.06
R83D225	268	2018	5 - 6	5.5	74.76	5.50	411.17
R83D295	300	250	5 - 6	3.5	9.27	3.50	32.46
R83E150	321	1012	5 - 6	0.25	37.46	0.25	9.37
R83E200	278	1733	5 - 6	0.25	64.20	0.25	16.05
R83E225	274	986	5 - 6	0.3	36.52	0.30	10.96
R83E264	267, 267A	804	5 - 6	22	29.79	22.00	655.43
SL-BH001469	305	154	5 - 6	35	5.70	35.00	199.45
SL-BH001470	303	16	5 - 6	0.2	0.60	0.20	0.12
SL-BH001471	302	641	5 - 6	0.31	23.73	0.31	7.35
Totals:	--	20,404	--	--	755.69	--	6,806.02
Volume-Weighted Average:							9.01

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-5	305	91	6 - 7	0.037	3.37	0.04	0.12
I9-10-8-SB-2	287	158	6 - 7	10.9	5.84	10.90	63.66
I9-10-8-SB-6	290	34	6 - 7	1.05	1.25	1.05	1.31
I9-10-8-SB-7	282	29	6 - 7	0.077	1.06	0.08	0.08
I9-10-8-SB-10	245	451	6 - 7	0.0205	16.70	0.02	0.34
I9-10-8-SB-12	242	177	6 - 7	24	6.55	24.00	157.18
I9-10-8-SB-16	281	21	6 - 7	3.6	0.77	3.60	2.77
R42A120	310	916	6 - 7	0.3	33.92	0.30	10.18
R42C120	309	1141	6 - 7	0.4	42.28	0.40	16.91
R43A120	279	5	6 - 7	0.25	0.20	0.25	0.05
R43C120	284	186	6 - 7	0.3	6.91	0.30	2.07
R83A150	263	972	6 - 7	0.25	36.02	0.25	9.00
R83A225	265	2367	6 - 7	0.3	87.67	0.30	26.30
R83A425	251	61	6 - 7	0.35	2.28	0.35	0.80
R83A450	261, 261A	144	6 - 7	0.8	5.32	0.80	4.26
R83B125	308	25	6 - 7	0.25	0.92	0.25	0.23
R83B350	289	688	6 - 7	18.0425	25.47	18.04	459.50
R83B475	250, 250A	391	6 - 7	50	14.50	50.00	724.93
R83C175	260	2760	6 - 7	0.25	102.23	0.25	25.56
R83C275	259	2609	6 - 7	0.3275	96.63	0.33	31.65
R83C332	288	368	6 - 7	0.25	13.63	0.25	3.41
R83D125	307	5	6 - 7	0.25	0.19	0.25	0.05
R83D225	258	2018	6 - 7	0.45	74.76	0.45	33.64
R83D295	286	250	6 - 7	4.3	9.27	4.30	39.88
R83E150	306	1012	6 - 7	0.3	37.46	0.30	11.24
R83E200	268	1733	6 - 7	0.4	64.20	0.40	25.68
R83E225	264	986	6 - 7	0.5	36.52	0.50	18.26
R83E264	257, 257A	804	6 - 7	12.5	29.79	12.50	372.40
Totals:	--	20,404	--	--	755.69	--	2,041.47
Volume-Weighted Average:							2.70

**TABLE D-84
EXISTING CONDITIONS
PARCEL I9-10-8: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-2	270	158	7 - 8	0.0645	5.84	0.06	0.38
I9-10-8-SB-6	273	34	7 - 8	0.09	1.25	0.09	0.11
I9-10-8-SB-8	279	21	7 - 8	0.154	0.78	0.15	0.12
I9-10-8-SB-10	225	451	7 - 8	0.019	16.70	0.02	0.32
I9-10-8-SB-12	222	168	7 - 8	503	6.21	503.00	3,121
I9-10-8-SB-16	262	40	7 - 8	0.615	1.50	0.62	0.92
R42A120	293	916	7 - 8	0.3	33.92	0.30	10.18
R42C120	292	1141	7 - 8	0.4	42.28	0.40	16.91
R43A120	260	5	7 - 8	0.25	0.20	0.25	0.05
R43C120	263	196	7 - 8	0.3	7.24	0.30	2.17
R83A150	245	972	7 - 8	0.25	36.02	0.25	9.00
R83A225	247	2367	7 - 8	0.3	87.67	0.30	26.30
R83A425	233	61	7 - 8	0.35	2.28	0.35	0.80
R83A450	243, 243A	144	7 - 8	0.8	5.32	0.80	4.26
R83B125	291	25	7 - 8	0.25	0.92	0.25	0.23
R83B350	272	688	7 - 8	18.0425	25.47	18.04	459.50
R83B475	232, 232A	380	7 - 8	50	14.06	50.00	703.04
R83C175	242	2760	7 - 8	0.25	102.23	0.25	25.56
R83C275	241	2609	7 - 8	0.3275	96.63	0.33	31.65
R83C332	271	368	7 - 8	0.25	13.63	0.25	3.41
R83D125	290	5	7 - 8	0.25	0.19	0.25	0.05
R83D225	240	2018	7 - 8	0.45	74.76	0.45	33.64
R83D295	269	250	7 - 8	4.3	9.27	4.30	39.88
R83E150	289	1012	7 - 8	0.3	37.46	0.30	11.24
R83E200	250	1733	7 - 8	0.4	64.20	0.40	25.68
R83E225	246	1038	7 - 8	0.5	38.46	0.50	19.23
R83E264	239	816	7 - 8	12.5	30.22	12.50	377.74
R84A165	264	25.8	7 - 8	6	0.95	6.00	5.72
R84A168	266	1	7 - 8	9	0.05	9.00	0.42
Totals:	--	20,404	--	--	755.69	--	4,929.72
Volume-Weighted Average:							6.52

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-6	71	6,682	8 - 9	0.028	247.47	0.03	6.93
I9-10-8-SB-2	34	11,168	8 - 9	0.0645	413.62	0.06	26.68
I9-10-8-SB-6	64	1,264	8 - 9	0.09	46.82	0.09	4.21
I9-10-8-SB-8	11	109	8 - 9	0.154	4.03	0.15	0.62
I9-10-8-SB-10	29	597	8 - 9	0.019	22.12	0.02	0.42
I9-10-8-SB-11	59	30	8 - 9	0.023	1.12	0.02	0.03
I9-10-8-SB-12	19	425	8 - 9	503	15.75	503.00	7,924
I9-10-8-SB-16	62A	128	8 - 9	0.615	4.76	0.62	2.93
Totals:	--	20,404	--	--	755.69	--	7,965.93
Volume-Weighted Average:							10.54

9- TO 10-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-6	8	15,722	9 - 10	0.028	582.30	0.03	16.30
I9-10-8-SB-8	54	311	9 - 10	0.06	11.52	0.06	0.69
I9-10-8-SB-16	11	3,520	9 - 10	0.078	130.37	0.08	10.17
I9-10-8-SB-11	33	415	9 - 10	0.022	15.37	0.02	0.34
I9-10-8-SB-12	52	436	9 - 10	2.76	16.15	2.76	44.56
Totals:	--	20,404	--	--	755.69	--	72.06
Volume-Weighted Average:							0.10

**TABLE D-84
EXISTING CONDITIONS
PARCEL I9-10-8: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

10- TO 11-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-3	30	3	10 - 11	0.073	0.12	0.07	0.01
I9-9-9-SB-5	52	11,255	10 - 11	0.021	416.84	0.02	8.75
I9-10-8-SB-8	57	311	10 - 11	0.06	11.52	0.06	0.69
I9-10-8-SB-11	31	415	10 - 11	0.022	15.37	0.02	0.34
I9-10-8-SB-12	55	436	10 - 11	2.76	16.15	2.76	44.56
I9-10-8-SB-16	11	7,984	10 - 11	0.078	295.71	0.08	23.07
Totals:	--	20,404	--	--	755.69	--	77.42
Volume-Weighted Average:							0.10

SUMMARY: 1- TO X-FOOT DEPTH [X=11] INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	20,404	--	--	7,556.91	--	40,492.00
Volume-Weighted Average:							5.36

Notes:

1. Polygon ID and area based on information shown on Figures D-42 through D-51.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-85
POST-REMEDIAION CONDITIONS
PARCEL I9-10-8: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
ET-SB-1	597A	335	0 - 0.5	0.79	6.20	0.79	4.90
I9-9-1-SB-5	656	45	0 - 0.5	0.021	0.84	0.02	0.02
I9-9-1-SB-5	656A	11	0 - 0.5	9.2	0.21	9.20	1.95
I9-10-8-SB-7	633	20	0 - 0.5	0.021	0.36	0.02	0.01
I9-10-8-SB-10	603	333	0 - 0.5	0.021	6.17	0.02	0.13
I9-10-8-SB-12	602	171	0 - 0.5	0.021	3.16	0.02	0.07
I9-10-8-SB-14	663	60	0 - 0.5	0.76	1.12	0.76	0.85
I9-10-8-SB-15	538	366	0 - 0.5	1.89	6.78	1.89	12.82
I9-10-9-SB-2	692, 692A	49	0 - 0.5	0.021	0.91	0.02	0.02
I9-10-13-SS-1	665	14	0 - 0.5	0.31	0.26	0.31	0.08
R42A120	666	11	0 - 0.5	0.2	0.20	0.20	0.04
R42C120	664	18	0 - 0.5	0.5	0.33	0.50	0.16
R43B120	632	1	0 - 0.5	0.3	0.01	0.30	0.004
R43C120	637	25	0 - 0.5	0.021	0.45	0.02	0.01
R44B120	693	3	0 - 0.5	0.021	0.06	0.02	0.00
R44D120	671, 671A	22	0 - 0.5	0.021	0.42	0.02	0.01
R83A150	582	211	0 - 0.5	0.9	3.90	0.90	3.51
R83A175	591	419	0 - 0.5	0.7	7.75	0.70	5.43
R83A200	590	452	0 - 0.5	0.4	8.37	0.40	3.35
R83A225	589	469	0 - 0.5	0.275	8.69	0.28	2.39
R83A250	587	475	0 - 0.5	0.6	8.80	0.60	5.28
R83A275	586	477	0 - 0.5	0.4	8.83	0.40	3.53
R83A300	585	471	0 - 0.5	0.3	8.72	0.30	2.62
R83A325	595	449	0 - 0.5	0.3	8.31	0.30	2.49
R83A350	584	401	0 - 0.5	0.9	7.43	0.90	6.69
R83A375	547	149	0 - 0.5	0.85	2.77	0.85	2.35
R83A375	638	72	0 - 0.5	0.021	1.33	0.02	0.03
R83A400	635	39	0 - 0.5	0.021	0.73	0.02	0.02
R83A425	546	67	0 - 0.5	0.021	1.23	0.02	0.03
R83A450	614	132	0 - 0.5	0.021	2.44	0.02	0.05
R83A475	615, 615A	208	0 - 0.5	0.021	3.85	0.02	0.08
R83B150	574	325	0 - 0.5	0.9	6.01	0.90	5.41
R83B175	573	476	0 - 0.5	0.3	8.82	0.30	2.65
R83B175	618	112	0 - 0.5	0.021	2.07	0.02	0.04
R83B200	569	566	0 - 0.5	0.3	10.48	0.30	3.14
R83B200	569B, 619	22	0 - 0.5	0.021	0.41	0.02	0.01
R83B225	568	439	0 - 0.5	0.265	8.13	0.27	2.15
R83B225	568A	149	0 - 0.5	0.021	2.76	0.02	0.06
R83B250	563	205	0 - 0.5	0.3	3.80	0.30	1.14
R83B250	563A	224	0 - 0.5	0.021	4.15	0.02	0.09
R83B275	562	241	0 - 0.5	0.021	4.47	0.02	0.09
R83B275	562A	214	0 - 0.5	0.3	3.97	0.30	1.19
R83B300	554	617	0 - 0.5	0.6	11.42	0.60	6.85
R83B325	553	413	0 - 0.5	0.25	7.65	0.25	1.91
R83B350	678	91	0 - 0.5	1.3	1.69	1.30	2.20
R83B475	605	229	0 - 0.5	0.021	4.25	0.02	0.09
R83C150	662	289	0 - 0.5	0.3	5.35	0.30	1.61
R83C175	610	364	0 - 0.5	0.3	6.74	0.30	2.02
R83C175	617	224	0 - 0.5	0.021	4.15	0.02	0.09
R83C200	570	544	0 - 0.5	0.021	10.08	0.02	0.21
R83C200	570A, 570B	44	0 - 0.5	0.3	0.81	0.30	0.24
R83C225	567	588	0 - 0.5	0.021	10.89	0.02	0.23
R83C250	564	567	0 - 0.5	0.021	10.49	0.02	0.22
R83C275	578	401	0 - 0.5	0.021	7.42	0.02	0.16
R83C275	578A	86	0 - 0.5	0.3	1.58	0.30	0.48
R83C300	555	125	0 - 0.5	0.021	2.32	0.02	0.05
R83C300	555A	324	0 - 0.5	0.9	5.99	0.90	5.39
R83C325	676	34	0 - 0.5	1.9	0.63	1.90	1.20
R83D150	661	253	0 - 0.5	0.8	4.69	0.80	3.75
R83D175	572	588	0 - 0.5	0.7	10.89	0.70	7.62
R83D200	571	229	0 - 0.5	0.021	4.24	0.02	0.09
R83D200	571A	359	0 - 0.5	0.7	6.65	0.70	4.66
R83D225	566	588	0 - 0.5	0.021	10.89	0.02	0.23
R83D250	565	573	0 - 0.5	0.021	10.62	0.02	0.22
R83D275	561	325	0 - 0.5	0.021	6.01	0.02	0.13
R83D281	697	21	0 - 0.5	0.021	0.40	0.02	0.01
R83E150	660	60	0 - 0.5	3.9	1.12	3.90	4.37
R83E175	597	542	0 - 0.5	1.85	10.04	1.85	18.57

**TABLE D-85
POST-REMEDATION CONDITIONS
PARCEL I9-10-8: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT (continued)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
R83E200	596	2	0 - 0.5	0.021	0.04	0.02	0.00
R83E200	596A	773	0 - 0.5	1.0	14.31	1.00	14.31
R83E225	588	492	0 - 0.5	0.021	9.11	0.02	0.19
R83E225	588A	311	0 - 0.5	1.95	5.75	1.95	11.22
R83E250	560	417	0 - 0.5	0.021	7.73	0.02	0.16
R83E254	559	102	0 - 0.5	0.021	1.89	0.02	0.04
R83E264	558	148	0 - 0.5	0.021	2.73	0.02	0.06
R83W475	691	25	0 - 0.5	0.021	0.46	0.02	0.01
R84A100	659	1	0 - 0.5	0.25	0.01	0.25	0.0024
R84A125	658	1	0 - 0.5	0.3	0.02	0.30	0.01
R84A150	657	36	0 - 0.5	0.25	0.66	0.25	0.16
SLB-1 Top Bank	576	88	0 - 0.5	0.021	1.63	0.02	0.03
SLB-1 Top Bank-10	599	210	0 - 0.5	0.021	3.90	0.02	0.08
SLB-1 Top Bank-10	599A	16	0 - 0.5	0.48	0.29	0.48	0.14
SLB-1 Top Bank-50	600	89	0 - 0.5	0.26	1.64	0.26	0.43
SLB-1 Top Bank-50	600A	262	0 - 0.5	0.021	4.85	0.02	0.10
SL-BH001469	680	4	0 - 0.5	0.021	0.07	0.02	0.0014
Totals:	--	20,404	--	--	377.85	--	164.40
Volume-Weighted Average:							0.44

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
ET-SB-1	592A	335	0.5 - 1	0.79	6.20	0.79	4.90
I9-9-1-SB-5	629	45	0.5 - 1	0.021	0.84	0.02	0.02
I9-9-1-SB-5	629A	11	0.5 - 1	9.2	0.21	9.20	1.95
I9-10-8-SB-7	622	20	0.5 - 1	0.021	0.36	0.02	0.01
I9-10-8-SB-10	529	333	0.5 - 1	0.021	6.17	0.02	0.13
I9-10-8-SB-12	593	171	0.5 - 1	0.021	3.16	0.02	0.07
I9-10-8-SB-14	676	60	0.5 - 1	0.76	1.12	0.76	0.85
I9-10-8-SB-15	531	366	0.5 - 1	1.89	6.78	1.89	12.82
I9-10-9-SB-2	651, 651A	49	0.5 - 1	0.021	0.91	0.02	0.02
I9-10-13-SS-1	678	14	0.5 - 1	0.94	0.26	0.94	0.25
R42A120	679	11	0.5 - 1	0.2	0.20	0.20	0.04
R42C120	677	18	0.5 - 1	0.3	0.33	0.30	0.10
R43B120	621	1	0.5 - 1	0.021	0.01	0.02	0.00
R43C120	626	25	0.5 - 1	0.021	0.45	0.02	0.01
R44B120	683	3	0.5 - 1	0.021	0.06	0.02	0.00
R44D120	615, 615A	22	0.5 - 1	0.021	0.42	0.02	0.01
R83A150	577	211	0.5 - 1	1.85	3.90	1.85	7.22
R83A175	586	419	0.5 - 1	0.3	7.75	0.30	2.33
R83A200	585	452	0.5 - 1	0.405	8.37	0.41	3.39
R83A225	584	469	0.5 - 1	0.25	8.69	0.25	2.17
R83A250	582	486	0.5 - 1	0.5	9.00	0.50	4.50
R83A275	581	486	0.5 - 1	0.5	8.99	0.50	4.50
R83A300	580	471	0.5 - 1	0.3	8.72	0.30	2.62
R83A325	590	449	0.5 - 1	0.7	8.31	0.70	5.82
R83A350	579	401	0.5 - 1	1.2	7.43	1.20	8.92
R83A375	542	149	0.5 - 1	0.4	2.77	0.40	1.11
R83A375	627	72	0.5 - 1	0.021	1.33	0.02	0.03
R83A400	624	39	0.5 - 1	0.021	0.73	0.02	0.02
R83A425	539	67	0.5 - 1	0.021	1.23	0.02	0.03
R83A450	601	132	0.5 - 1	0.021	2.44	0.02	0.05
R83A475	602, 602A	208	0.5 - 1	0.021	3.85	0.02	0.08
R83B150	569	325	0.5 - 1	1.4	6.01	1.40	8.42
R83B175	568	476	0.5 - 1	0.9	8.82	0.90	7.94
R83B175	605	112	0.5 - 1	0.021	2.07	0.02	0.04
R83B200	564	566	0.5 - 1	0.31	10.48	0.31	3.25
R83B200	564A, 606	22	0.5 - 1	0.021	0.41	0.02	0.01
R83B225	563	149	0.5 - 1	0.021	2.76	0.02	0.06
R83B225	563A	439	0.5 - 1	0.3	8.13	0.30	2.44
R83B250	558	248	0.5 - 1	0.3	4.59	0.30	1.38
R83B250	558A	340	0.5 - 1	0.021	6.30	0.02	0.13
R83B275	557	241	0.5 - 1	0.5	4.46	0.50	2.23
R83B275	557A	347	0.5 - 1	0.021	6.44	0.02	0.14
R83B300	549	617	0.5 - 1	0.7	11.42	0.70	7.99
R83B325	548	413	0.5 - 1	0.7	7.65	0.70	5.36
R83B350	637	91	0.5 - 1	1.9	1.69	1.90	3.22
R83B475	595	229	0.5 - 1	0.021	4.25	0.02	0.09

**TABLE D-85
POST-REMEDICATION CONDITIONS
PARCEL I9-10-8: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0.5- TO 1-FOOT DEPTH INCREMENT (continued)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
R83C150	675	289	0.5 - 1	0.2	5.35	0.20	1.07
R83C175	573	364	0.5 - 1	0.3	6.74	0.30	2.02
R83C175	604	224	0.5 - 1	0.021	4.15	0.02	0.09
R83C200	565	544	0.5 - 1	0.021	10.08	0.02	0.21
R83C200	565A, 603	44	0.5 - 1	0.3	0.81	0.30	0.24
R83C225	562	588	0.5 - 1	0.021	10.89	0.02	0.23
R83C250	559	588	0.5 - 1	0.021	10.89	0.02	0.23
R83C275	572	99	0.5 - 1	0.3	1.83	0.30	0.55
R83C275	572A	476	0.5 - 1	0.021	8.81	0.02	0.19
R83C300	550	137	0.5 - 1	0.021	2.53	0.02	0.05
R83C300	550A	326	0.5 - 1	0.815	6.04	0.82	4.92
R83C325	635	34	0.5 - 1	1.6	0.63	1.60	1.01
R83D150	674	253	0.5 - 1	0.77	4.69	0.77	3.61
R83D175	567	588	0.5 - 1	0.8	10.89	0.80	8.71
R83D200	566	229	0.5 - 1	0.021	4.24	0.02	0.09
R83D200	566A	359	0.5 - 1	1.2	6.65	1.20	7.98
R83D225	561	588	0.5 - 1	0.021	10.89	0.02	0.23
R83D250	560	573	0.5 - 1	0.021	10.62	0.02	0.22
R83D275	556	381	0.5 - 1	0.021	7.05	0.02	0.15
R83D281	687	21	0.5 - 1	0.021	0.40	0.02	0.01
R83E150	673	60	0.5 - 1	4.15	1.12	4.15	4.65
R83E175	592	542	0.5 - 1	2.9	10.04	2.90	29.10
R83E200	591	773	0.5 - 1	1.15	14.31	1.15	16.45
R83E200	591A	2	0.5 - 1	0.021	0.04	0.02	0.00
R83E225	583	492	0.5 - 1	0.021	9.11	0.02	0.19
R83E225	583A	311	0.5 - 1	1.75	5.75	1.75	10.07
R83E250	555	417	0.5 - 1	0.021	7.73	0.02	0.16
R83E254	554	102	0.5 - 1	0.021	1.89	0.02	0.04
R83E264	553	148	0.5 - 1	0.021	2.73	0.02	0.06
R83W475	650	25	0.5 - 1	0.021	0.46	0.02	0.01
R84A100	672	1	0.5 - 1	0.25	0.01	0.25	0.0024
R84A125	671	1	0.5 - 1	0.25	0.02	0.25	0.01
R84A150	670	36	0.5 - 1	0.6	0.66	0.60	0.40
SLB-1 Top Bank	570	174	0.5 - 1	0.021	3.22	0.02	0.07
SL-BH001469	639	4	0.5 - 1	0.021	0.07	0.02	0.0014
Totals:	--	20,404	--	--	377.85	--	199.61
Volume-Weighted Average:							0.53

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	20,404	--	--	755.69	--	364.02
Volume-Weighted Average:							0.48

Notes:

- Polygon ID and area based on information shown on Figures D-40 and D-41.
- Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
- For instances where a duplicate sample was available, the average of the samples was included in table.
- All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

**TABLE D-86
POST-REMEDATION CONDITIONS
PARCEL I9-10-8: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
ET-SB-1	431	468	1 - 2	0.047	17.34	0.05	0.815
I9-9-1-SB-5	398	45	1 - 2	0.0215	1.66	0.02	0.04
I9-9-1-SB-5	398A	33	1 - 2	0.021	1.22	0.02	0.03
I9-10-8-SB-1	400	94	1 - 2	0.0215	3.49	0.02	0.0751
I9-10-8-SB-1	400A	160	1 - 2	0.021	5.93	0.02	0.1245
I9-10-8-SB-2	402	77	1 - 2	0.021	2.87	0.02	0.06
I9-10-8-SB-3	403	92	1 - 2	0.021	3.42	0.02	0.0718
I9-10-8-SB-3	403A	798	1 - 2	0.0195	29.56	0.02	0.5764
I9-10-8-SB-4	406	696	1 - 2	0.0245	25.77	0.02	0.631
I9-10-8-SB-5	409	399	1 - 2	0.089	14.79	0.09	1.32
I9-10-8-SB-5	409A	12	1 - 2	0.021	0.46	0.02	0.01
I9-10-8-SB-6	410	2	1 - 2	0.021	0.06	0.02	0.00
I9-10-8-SB-7	395	29	1 - 2	0.021	1.06	0.02	0
I9-10-8-SB-9	421	1	1 - 2	0.021	0.05	0.02	0.001
I9-10-8-SB-10	350	371	1 - 2	0.385	13.73	0.39	5.29
I9-10-8-SB-12	347	212	1 - 2	0.021	7.86	0.02	0.17
I9-10-8-SB-13	436	611	1 - 2	0.093	22.62	0.09	2.10
I9-10-8-SB-14	435	108	1 - 2	0.018	3.99	0.02	0.0718
I9-10-8-SB-15	354	708	1 - 2	0.99	26.22	0.99	25.96
I9-10-8-SB-16	394	21	1 - 2	0.021	0.77	0.02	0.0
I9-10-9-SB-2	422	48	1 - 2	0.79	1.77	0.79	1.39
I9-10-9-SB-2	422A	4	1 - 2	0.021	0.13	0.02	0.00
R42A120	438	511	1 - 2	0.25	18.93	0.25	4.73
R42C120	437	1108	1 - 2	0.25	41.04	0.25	10.26
R43A120	390	5	1 - 2	0.3	0.20	0.30	0.06
R43C120	411	23	1 - 2	0.3	0.87	0.30	0.26
R43C120	413	103	1 - 2	0.021	3.82	0.02	0.08
R44C120	441	1	1 - 2	0.5	0.02	0.50	0.01
R83A150	370	536	1 - 2	0.5	19.84	0.50	9.92
R83A225	372	2206	1 - 2	0.2	81.70	0.20	16.34
R83A425	358	46	1 - 2	0.021	1.70	0.02	0.04
R83A425	391	16	1 - 2	2.3	0.57	2.30	1.32
R83A450	368	142	1 - 2	0.021	5.27	0.02	0.11
R83A450	368A	2	1 - 2	1.1	0.06	1.10	0.06
R83B125	434	25	1 - 2	1.2	0.92	1.20	1.10
R83B350	408	90	1 - 2	1.2	3.34	1.20	4.00
R83B475	357	383	1 - 2	0.021	14.19	0.02	0.30
R83C175	367	2130	1 - 2	0.3	78.90	0.30	23.67
R83C175	382	499	1 - 2	0.021	18.48	0.02	0.39
R83C275	366	2075	1 - 2	0.3	76.86	0.30	23.06
R83C275	366A	79	1 - 2	0.021	2.93	0.02	0.06
R83D125	433	5	1 - 2	1.9	0.19	1.90	0.36
R83D225	365	2018	1 - 2	1.9	74.76	1.90	142.04
R83D295	401	243	1 - 2	0.021	9.00	0.02	0.19
R83D295	401A	7	1 - 2	5.25	0.27	5.25	1.44
R83E150	432	243	1 - 2	3.7	9.00	3.70	33.29
R83E200	375	1336	1 - 2	0.4	49.49	0.40	19.80
R83E225	371	965	1 - 2	1.9	35.72	1.90	67.88
R83E264	364	228	1 - 2	0.021	8.44	0.02	0
R83E264	364A	357	1 - 2	110	13.22	110.00	1,454
SL-BH001471	405	33	1 - 2	34	1.21	34.00	41
Totals:	--	20,404	--	--	755.69	--	1,894.91
					Volume-Weighted Average:		2.51

**TABLE D-86
POST-REMEDIAION CONDITIONS
PARCEL I9-10-8: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
ET-SB-1	471	468	2 - 3	0.047	17.34	0.05	0.82
I9-9-1-SB-5	437	45	2 - 3	6.8	1.66	6.80	11.26
I9-9-1-SB-5	437A	33	2 - 3	0.021	1.22	0.02	0.03
I9-10-8-SB-1	439	94	2 - 3	0.0215	3.49	0.02	0.08
I9-10-8-SB-1	439A	160	2 - 3	0.021	5.93	0.02	0.12
I9-10-8-SB-2	441	77	2 - 3	0.021	2.87	0.02	0.06
I9-10-8-SB-3	442	92	2 - 3	0.021	3.42	0.02	0.07
I9-10-8-SB-3	442A	798	2 - 3	0.0195	29.56	0.02	0.58
I9-10-8-SB-4	445	696	2 - 3	0.0245	25.77	0.02	0.63
I9-10-8-SB-5	448	399	2 - 3	0.089	14.79	0.09	1.32
I9-10-8-SB-5	448A	12	2 - 3	0.021	0.46	0.02	0.01
I9-10-8-SB-6	449	2	2 - 3	0.021	0.06	0.02	0.00
I9-10-8-SB-7	453	29	2 - 3	0.021	1.06	0.02	0.02
I9-10-8-SB-9	460	1	2 - 3	0.021	0.05	0.02	0.00
I9-10-8-SB-10	389	371	2 - 3	0.385	13.73	0.39	5.29
I9-10-8-SB-12	386	212	2 - 3	0.021	7.86	0.02	0.17
I9-10-8-SB-13	476	611	2 - 3	0.093	22.62	0.09	2.10
I9-10-8-SB-14	475	108	2 - 3	0.018	3.99	0.02	0.07
I9-10-8-SB-15	393	708	2 - 3	0.99	26.22	0.99	25.96
I9-10-8-SB-16	433	21	2 - 3	0.021	0.77	0.02	0.02
I9-10-9-SB-2	461	48	2 - 3	0.79	1.77	0.79	1.39
I9-10-9-SB-2	461A	4	2 - 3	0.021	0.13	0.02	0.003
R42A120	478	511	2 - 3	0.2	18.93	0.20	3.79
R42C120	477	1108	2 - 3	0.3	41.04	0.30	12.31
R43A120	429	5	2 - 3	0.25	0.20	0.25	0.05
R43C120	436	103	2 - 3	0.021	3.82	0.02	0.08
R43C120	450	23	2 - 3	0.3	0.87	0.30	0.26
R44C120	481	1	2 - 3	0.25	0.02	0.25	0.0046
R83A150	410	536	2 - 3	0.3	19.84	0.30	5.95
R83A225	412	2206	2 - 3	0.3	81.70	0.30	24.51
R83A425	397	16	2 - 3	0.9	0.57	0.90	0.52
R83A425	456	46	2 - 3	0.021	1.70	0.02	0.04
R83A450	408	142	2 - 3	0.021	5.27	0.02	0.11
R83A450	408A	2	2 - 3	7.1	0.06	7.10	0.39
R83B125	474	25	2 - 3	0.3	0.92	0.30	0.28
R83B350	447	90	2 - 3	0.4	3.34	0.40	1.33
R83B475	396	383	2 - 3	0.021	14.19	0.02	0.30
R83C175	407	2130	2 - 3	0.3	78.90	0.30	23.67
R83C175	421	499	2 - 3	0.021	18.48	0.02	0.39
R83C275	406	2075	2 - 3	0.3	76.86	0.30	23.06
R83C275	406A	79	2 - 3	0.021	2.93	0.02	0.06
R83D125	473	5	2 - 3	0.3	0.19	0.30	0.06
R83D225	404	2018	2 - 3	0.3	74.76	0.30	22.43
R83D295	440	243	2 - 3	0.021	9.00	0.02	0.19
R83D295	440A	7	2 - 3	12	0.27	12.00	3.28
R83E150	472	243	2 - 3	0.3	9.00	0.30	2.70
R83E200	415	1336	2 - 3	0.35	49.49	0.35	17.32
R83E225	411	965	2 - 3	0.35	35.72	0.35	12.50
R83E264	403	228	2 - 3	0.021	8.44	0.02	0.18
R83E264	403A	357	2 - 3	22	13.22	22.00	290.80
SL-BH001471	444	33	2 - 3	34	1.21	34.00	41.20
Totals:	--	20,404	--	--	755.69	--	537.74
Volume-Weighted Average:							0.71

**TABLE D-86
POST-REMEDIAION CONDITIONS
PARCEL I9-10-8: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-5	376	33	3 - 4	0.021	1.22	0.02	0.03
I9-9-1-SB-5	376A	45	3 - 4	0.57	1.66	0.57	0.94
I9-10-8-SB-1	378	159	3 - 4	0.021	5.90	0.02	0.12
I9-10-8-SB-1	378A	95	3 - 4	0.022	3.52	0.02	0.08
I9-10-8-SB-2	381	77	3 - 4	0.93	2.87	0.93	2.66
I9-10-8-SB-3	382	890	3 - 4	0.055	32.98	0.06	1.81
I9-10-8-SB-4	384	696	3 - 4	0.025	25.77	0.03	0.64
I9-10-8-SB-5	387	399	3 - 4	0.021	14.79	0.02	0.31
I9-10-8-SB-5	387A	12	3 - 4	0.021	0.46	0.02	0.01
I9-10-8-SB-6	388	2	3 - 4	0.021	0.06	0.02	0.00
I9-10-8-SB-7	374	29	3 - 4	0.021	1.06	0.02	0.02
I9-10-8-SB-9	392	13	3 - 4	0.08	0.49	0.08	0.04
I9-10-8-SB-9	392A	4	3 - 4	0.021	0.15	0.02	0.0032
I9-10-8-SB-10	318	405	3 - 4	0.0195	15.00	0.02	0.29
I9-10-8-SB-12	315	212	3 - 4	0.021	7.86	0.02	0.17
I9-10-8-SB-13	406	642	3 - 4	0.021	23.79	0.02	0.50
I9-10-8-SB-15	322	905	3 - 4	0.0195	33.51	0.02	0.65
I9-10-8-SB-16	349	10	3 - 4	5.6	0.37	5.60	2.06
I9-10-8-SB-16	350	11	3 - 4	0.021	0.40	0.02	0.01
R42A120	408	511	3 - 4	0.2	18.93	0.20	3.79
R42C120	407	1108	3 - 4	0.3	41.04	0.30	12.31
R43A120	372	5	3 - 4	0.25	0.20	0.25	0.05
R43C120	359	23	3 - 4	0.3	0.87	0.30	0.26
R43C120	360	103	3 - 4	0.021	3.82	0.02	0.08
R44C120	412	1	3 - 4	0.25	0.02	0.25	0.005
R83A150	338	612	3 - 4	0.3	22.67	0.30	6.80
R83A225	340	2206	3 - 4	0.3	81.70	0.30	24.51
R83A425	326	61	3 - 4	0.9	2.28	0.90	2.05
R83A450	336	142	3 - 4	0.021	5.27	0.02	0.11
R83A450	336A	2	3 - 4	7.1	0.06	7.10	0.39
R83B125	405	25	3 - 4	0.3	0.92	0.30	0.28
R83B350	386	90	3 - 4	0.4	3.34	0.40	1.33
R83B475	325	384	3 - 4	0.021	14.22	0.02	0.30
R83C175	335	2629	3 - 4	0.3	97.38	0.30	29.21
R83C275	334	2155	3 - 4	0.3	79.80	0.30	23.94
R83D125	404	5	3 - 4	0.3	0.19	0.30	0.06
R83D225	333	2018	3 - 4	0.3	74.76	0.30	22.43
R83D295	379	209	3 - 4	12	7.75	12.00	92.94
R83D295	379A	41	3 - 4	0.021	1.53	0.02	0.03
R83E150	403	243	3 - 4	0.3	9.00	0.30	2.70
R83E200	343	1608	3 - 4	0.35	59.54	0.35	20.84
R83E225	339	965	3 - 4	0.35	35.72	0.35	12.50
R83E264	332	454	3 - 4	22	16.82	22.00	369.96
R83E264	332A	131	3 - 4	0.021	4.84	0.02	0.10
SL-BH001471	383	33	3 - 4	0.31	1.21	0.31	0.38
Totals:	--	20,404	--	--	755.69	--	637.71
Volume-Weighted Average:							0.84

**TABLE D-86
POST-REMEDATION CONDITIONS
PARCEL I9-10-8: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-5	376	33	4 - 5	0.021	1.22	0.02	0.03
I9-9-1-SB-5	376A	45	4 - 5	0.57	1.66	0.57	0.94
I9-10-8-SB-1	412	95	4 - 5	0.022	3.52	0.02	0.08
I9-10-8-SB-1	412A	159	4 - 5	0.021	5.90	0.02	0.12
I9-10-8-SB-2	380	77	4 - 5	0.93	2.87	0.93	2.66
I9-10-8-SB-3	381	890	4 - 5	0.055	32.98	0.06	1.81
I9-10-8-SB-4	383	696	4 - 5	0.025	25.77	0.03	0.64
I9-10-8-SB-5	386	399	4 - 5	0.021	14.79	0.02	0.31
I9-10-8-SB-5	386A	12	4 - 5	0.021	0.46	0.02	0.01
I9-10-8-SB-6	387	2	4 - 5	0.021	0.06	0.02	0.00
I9-10-8-SB-7	374	29	4 - 5	0.021	1.06	0.02	0.02
I9-10-8-SB-9	391	13	4 - 5	0.08	0.49	0.08	0.04
I9-10-8-SB-9	391A	4	4 - 5	0.021	0.15	0.02	0.0032
I9-10-8-SB-10	318	405	4 - 5	0.0195	15.00	0.02	0.29
I9-10-8-SB-12	315	212	4 - 5	0.021	7.86	0.02	0.17
I9-10-8-SB-13	404	642	4 - 5	0.021	23.79	0.02	0.50
I9-10-8-SB-15	322	905	4 - 5	0.0195	33.51	0.02	0.65
I9-10-8-SB-16	349	10	4 - 5	5.6	0.37	5.60	2.06
I9-10-8-SB-16	350	11	4 - 5	0.021	0.40	0.02	0.01
R42A120	406	511	4 - 5	0.3	18.93	0.30	5.68
R42C120	405	1108	4 - 5	0.4	41.04	0.40	16.42
R43A120	372	5	4 - 5	0.25	0.20	0.25	0.05
R43C120	359	23	4 - 5	0.3	0.87	0.30	0.26
R43C120	360	103	4 - 5	0.021	3.82	0.02	0.08
R44C120	410	1	4 - 5	0.25	0.02	0.25	0.005
R83A150	338	612	4 - 5	0.3	22.67	0.30	6.80
R83A225	340	2206	4 - 5	0.25	81.70	0.25	20.42
R83A425	326	61	4 - 5	0.4	2.28	0.40	0.91
R83A450	336	142	4 - 5	0.021	5.27	0.02	0.11
R83A450	336A	2	4 - 5	2.7	0.06	2.70	0.15
R83B125	403	25	4 - 5	0.3	0.92	0.30	0.28
R83B350	385	90	4 - 5	2.225	3.34	2.23	7.42
R83B475	325	384	4 - 5	0.021	14.22	0.02	0.30
R83C175	335	2629	4 - 5	0.18	97.38	0.18	17.53
R83C275	334	2155	4 - 5	0.5	79.80	0.50	39.90
R83D125	402	5	4 - 5	0.3	0.19	0.30	0.06
R83D225	333	2018	4 - 5	5.5	74.76	5.50	411.17
R83D295	378	41	4 - 5	0.021	1.53	0.02	0.03
R83D295	379	209	4 - 5	3.5	7.75	3.50	27.11
R83E150	401	243	4 - 5	0.25	9.00	0.25	2.25
R83E200	343	1608	4 - 5	0.25	59.54	0.25	14.89
R83E225	339	965	4 - 5	0.3	35.72	0.30	10.72
R83E264	332	454	4 - 5	22	16.82	22.00	369.96
R83E264	332A	131	4 - 5	0.021	4.84	0.02	0.10
SL-BH001471	382	33	4 - 5	0.31	1.21	0.31	0.38
Totals:	--	20,404	--	--	755.69	--	963.33
Volume-Weighted Average:							1.27

**TABLE D-86
POST-REMEDIATION CONDITIONS
PARCEL I9-10-8: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-5	320	91	5 - 6	0.037	3.37	0.04	0.12
I9-10-8-SB-2	301	141	5 - 6	10.9	5.22	10.90	56.86
I9-10-8-SB-6	306	6	5 - 6	1.05	0.24	1.05	0.25
I9-10-8-SB-7	295	29	5 - 6	0.077	1.06	0.08	0.08
I9-10-8-SB-10	255	418	5 - 6	0.0205	15.49	0.02	0.32
I9-10-8-SB-12	252	212	5 - 6	0.021	7.86	0.02	0.17
I9-10-8-SB-16	294	21	5 - 6	3.6	0.77	3.60	2.77
R42A120	325	815	5 - 6	0.3	30.19	0.30	9.06
R42C120	324	1141	5 - 6	0.4	42.28	0.40	16.91
R43A120	292	5	5 - 6	0.25	0.20	0.25	0.05
R43C120	297	160	5 - 6	0.3	5.91	0.30	1.77
R44C120	328	1	5 - 6	0.3	0.02	0.30	0.01
R83A150	273	972	5 - 6	0.3	36.02	0.30	10.81
R83A225	275	2367	5 - 6	0.25	87.67	0.25	21.92
R83A425	261	61	5 - 6	0.4	2.28	0.40	0.91
R83A450	271	142	5 - 6	0.021	5.27	0.02	0.11
R83A450	271A	2	5 - 6	2.7	0.06	2.70	0.15
R83B125	323	25	5 - 6	0.3	0.92	0.30	0.28
R83B350	304	537	5 - 6	2.225	19.87	2.23	44.21
R83B475	260	388	5 - 6	0.021	14.37	0.02	0.30
R83C175	270	2760	5 - 6	0.18	102.23	0.18	18.40
R83C275	269	2489	5 - 6	0.5	92.20	0.50	46.10
R83D125	322	5	5 - 6	0.3	0.19	0.30	0.06
R83D225	268	2018	5 - 6	5.5	74.76	5.50	411.17
R83D295	300	250	5 - 6	3.5	9.27	3.50	32.46
R83E150	321	1012	5 - 6	0.25	37.46	0.25	9.37
R83E200	278	1733	5 - 6	0.25	64.20	0.25	16.05
R83E225	274	986	5 - 6	0.3	36.52	0.30	10.96
R83E264	267	798	5 - 6	22	29.57	22.00	650.61
R83E264	267A	6	5 - 6	0.021	0.22	0.02	0.00
SL-BH001469	305	154	5 - 6	35	5.70	35.00	199.45
SL-BH001470	303	16	5 - 6	0.2	0.60	0.20	0.12
SL-BH001471	302	641	5 - 6	0.31	23.73	0.31	7.35
Totals:	--	20,404	--	--	755.69	--	1,569.15
Volume-Weighted Average:							2.08

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-5	305	91	6 - 7	0.037	3.37	0.04	0.12
I9-10-8-SB-2	287	158	6 - 7	10.9	5.84	10.90	63.66
I9-10-8-SB-6	290	34	6 - 7	1.05	1.25	1.05	1.31
I9-10-8-SB-7	282	29	6 - 7	0.077	1.06	0.08	0.08
I9-10-8-SB-10	245	451	6 - 7	0.0205	16.70	0.02	0.34
I9-10-8-SB-12	242	177	6 - 7	0.021	6.55	0.02	0.14
I9-10-8-SB-16	281	21	6 - 7	3.6	0.77	3.60	2.77
R42A120	310	916	6 - 7	0.3	33.92	0.30	10.18
R42C120	309	1141	6 - 7	0.4	42.28	0.40	16.91
R43A120	279	5	6 - 7	0.25	0.20	0.25	0.05
R43C120	284	186	6 - 7	0.3	6.91	0.30	2.07
R83A150	263	972	6 - 7	0.25	36.02	0.25	9.00
R83A225	265	2367	6 - 7	0.3	87.67	0.30	26.30
R83A425	251	61	6 - 7	0.35	2.28	0.35	0.80
R83A450	261	142	6 - 7	0.021	5.27	0.02	0.11
R83A450	261A	2	6 - 7	0.8	0.06	0.80	0.04
R83B125	308	25	6 - 7	0.25	0.92	0.25	0.23
R83B350	289	688	6 - 7	18.0425	25.47	18.04	459.50
R83B475	250	115	6 - 7	0.021	4.27	0.02	0.09
R83B475	250A	276	6 - 7	50	10.23	50.00	511.67
R83C175	260	2760	6 - 7	0.25	102.23	0.25	25.56
R83C275	259	2609	6 - 7	0.3275	96.63	0.33	31.65
R83C332	288	368	6 - 7	0.25	13.63	0.25	3.41
R83D125	307	5	6 - 7	0.25	0.19	0.25	0.05
R83D225	258	2018	6 - 7	0.45	74.76	0.45	33.64
R83D295	286	250	6 - 7	4.3	9.27	4.30	39.88
R83E150	306	1012	6 - 7	0.3	37.46	0.30	11.24
R83E200	268	1733	6 - 7	0.4	64.20	0.40	25.68
R83E225	264	986	6 - 7	0.5	36.52	0.50	18.26
R83E264	257	799	6 - 7	12.5	29.59	12.50	369.86
R83E264	257A	5	6 - 7	0.021	0.20	0.02	0.00
Totals:	--	20,404	--	--	755.69	--	1,664.61
Volume-Weighted Average:							2.20

**TABLE D-86
POST-REMEDATION CONDITIONS
PARCEL I9-10-8: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-2	270	158	7 - 8	0.0645	5.84	0.06	0.38
I9-10-8-SB-6	273	34	7 - 8	0.09	1.25	0.09	0.11
I9-10-8-SB-8	279	21	7 - 8	0.154	0.78	0.15	0.12
I9-10-8-SB-10	225	451	7 - 8	0.019	16.70	0.02	0.32
I9-10-8-SB-12	222	168	7 - 8	0.021	6.21	0.02	0.13
I9-10-8-SB-16	262	40	7 - 8	0.615	1.50	0.62	0.92
R42A120	293	916	7 - 8	0.3	33.92	0.30	10.18
R42C120	292	1141	7 - 8	0.4	42.28	0.40	16.91
R43A120	260	5	7 - 8	0.25	0.20	0.25	0.05
R43C120	263	196	7 - 8	0.3	7.24	0.30	2.17
R83A150	245	972	7 - 8	0.25	36.02	0.25	9.00
R83A225	247	2367	7 - 8	0.3	87.67	0.30	26.30
R83A425	233	61	7 - 8	0.35	2.28	0.35	0.80
R83A450	243	142	7 - 8	0.021	5.27	0.02	0.11
R83A450	243A	2	7 - 8	0.8	0.06	0.80	0.04
R83B125	291	25	7 - 8	0.25	0.92	0.25	0.23
R83B350	272	688	7 - 8	18.043	25.47	18.04	459.50
R83B475	232	115	7 - 8	0.021	4.27	0.02	0.09
R83B475	232A	264	7 - 8	50	9.80	50.00	489.78
R83C175	242	2760	7 - 8	0.25	102.23	0.25	25.56
R83C275	241	2609	7 - 8	0.3275	96.63	0.33	31.65
R83C332	271	368	7 - 8	0.25	13.63	0.25	3.41
R83D125	290	5	7 - 8	0.25	0.19	0.25	0.05
R83D225	240	2018	7 - 8	0.45	74.76	0.45	33.64
R83D295	269	250	7 - 8	4.3	9.27	4.30	39.88
R83E150	289	1012	7 - 8	0.3	37.46	0.30	11.24
R83E200	250	1733	7 - 8	0.4	64.20	0.40	25.68
R83E225	246	1038	7 - 8	0.5	38.46	0.50	19.23
R83E264	239	816	7 - 8	12.5	30.22	12.50	377.74
R84A165	264	25.8	7 - 8	6	0.95	6.00	5.72
R84A168	266	1	7 - 8	9	0.05	9.00	0.42
Totals:	--	20,404	--	--	755.69	--	1,591.36
Volume-Weighted Average:							2.11

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-6	71	6,682	8 - 9	0.028	247.47	0.03	6.93
I9-10-8-SB-2	34	11,168	8 - 9	0.0645	413.62	0.06	26.68
I9-10-8-SB-6	64	1,264	8 - 9	0.09	46.82	0.09	4.21
I9-10-8-SB-8	11	109	8 - 9	0.154	4.03	0.15	0.62
I9-10-8-SB-10	29	597	8 - 9	0.019	22.12	0.02	0.42
I9-10-8-SB-11	59	30	8 - 9	0.023	1.12	0.02	0.03
I9-10-8-SB-12	19	425	8 - 9	0.021	15.75	0.02	0.33
I9-10-8-SB-16	62A	128	8 - 9	0.615	4.76	0.62	2.93
Totals:	--	20,404	--	--	755.69	--	42.15
Volume-Weighted Average:							0.06

9- TO 10-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-1-SB-6	8	15,722	9 - 10	0.028	582.30	0.03	16.30
I9-10-8-SB-8	54	311	9 - 10	0.06	11.52	0.06	0.69
I9-10-8-SB-16	11	3,520	9 - 10	0.078	130.37	0.08	10.17
I9-10-8-SB-11	33	415	9 - 10	0.022	15.37	0.02	0.34
I9-10-8-SB-12	52	436	9 - 10	2.76	16.15	2.76	44.56
Totals:	--	20,404	--	--	755.69	--	72.06
Volume-Weighted Average:							0.10

10- TO 11-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-9-SB-3	30	3	10 - 11	0.073	0.12	0.07	0.01
I9-9-9-SB-5	52	11,255	10 - 11	0.021	416.84	0.02	8.75
I9-10-8-SB-8	57	311	10 - 11	0.06	11.52	0.06	0.69
I9-10-8-SB-11	31	415	10 - 11	0.022	15.37	0.02	0.34
I9-10-8-SB-12	55	436	10 - 11	2.76	16.15	2.76	44.56
I9-10-8-SB-16	11	7,984	10 - 11	0.078	295.71	0.08	23.07
Totals:	--	20,404	--	--	755.69	--	77.42
Volume-Weighted Average:							0.10

**TABLE D-86
POST-REMEDATION CONDITIONS
PARCEL I9-10-8: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 1- TO X-FOOT DEPTH [X=11] INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	20,404	--	--	7,556.91	--	9,050.43
Volume-Weighted Average:							1.20

Notes:

1. Polygon ID and area based on information shown on Figures D-42 through D-51.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

ARCADIS

Parcel I9-10-11 (non-bank)

**TABLE D-87
EXISTING CONDITIONS
PARCEL I9-10-11: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-7	634	7	0 - 0.5	1.99	0.14	1.99	0.27
R43A100	668, 669	7	0 - 0.5	0.6	0.12	0.60	0.07
R43A120	594, 694	248	0 - 0.5	0.3	4.59	0.30	1.38
R43B100	623, 624	57	0 - 0.5	0.25	1.05	0.25	0.26
R43B120	593, 593A	384	0 - 0.5	0.3	7.12	0.30	2.13
R43C100	621, 622	54	0 - 0.5	0.3	1.00	0.30	0.30
R43C120	592, 620	374	0 - 0.5	0.3	6.92	0.30	2.08
R44D120	670	5	0 - 0.5	0.7	0.09	0.70	0.06
R79A100	667	7	0 - 0.5	0.7	0.12	0.70	0.09
R83A375	639	6	0 - 0.5	0.85	0.11	0.85	0.09
R83A400	636, 636A	54	0 - 0.5	2.7	1.01	2.70	2.72
R83A425	631	73	0 - 0.5	2.0	1.36	2.00	2.72
Totals:	--	1,275	--	--	23.61	--	12.17
Volume-Weighted Average:							0.52

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-7	623	7	0.5 - 1	1.99	0.14	1.99	0.27
R43A100	681, 682	7	0.5 - 1	0.6	0.12	0.60	0.07
R43A120	589, 684	248	0.5 - 1	0.435	4.59	0.44	1.99
R43B100	610, 611	57	0.5 - 1	0.3	1.05	0.30	0.31
R43B120	588, 588A	384	0.5 - 1	0.6	7.12	0.60	4.27
R43C100	608, 609	54	0.5 - 1	0.25	1.00	0.25	0.25
R43C120	587, 607	374	0.5 - 1	0.275	6.92	0.28	1.90
R44D120	616	5	0.5 - 1	0.505	0.09	0.51	0.04
R79A100	680	7	0.5 - 1	0.9	0.12	0.90	0.11
R83A375	628	6	0.5 - 1	0.4	0.11	0.40	0.04
R83A400	625, 625A	54	0.5 - 1	4.2	1.01	4.20	4.23
R83A425	620	73	0.5 - 1	2.55	1.36	2.55	3.47
Totals:	--	1,275	--	--	23.61	--	16.97
Volume-Weighted Average:							0.72

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,275	--	--	47.23	--	29.14
Volume-Weighted Average:							0.62

Notes:

1. Polygon ID and area based on information shown on Figures D-40 and D-41.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-88
EXISTING CONDITIONS
PARCEL I9-10-11: 1- TO X-FOOT [X=9] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-7	396	50	1 - 2	165	1.86	165.00	307.45
I9-10-8-SB-16	378	255	1 - 2	24.3	9.43	24.30	229.20
R43A120	374, 440	272	1 - 2	0.2	10.06	0.20	2.01
R43B100	384, 385	143	1 - 2	0.3	5.29	0.30	1.59
R43C120	373, 383	493	1 - 2	0.3	18.26	0.30	5.48
R79A100	439	14	1 - 2	0.3	0.50	0.30	0.15
R83A425	393	49	1 - 2	2.3	1.82	2.30	4.20
Totals:	--	1,276	--	--	47.24	--	550.07
Volume-Weighted Average:							11.64

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-7	435	50	2 - 3	165	1.86	165.00	307.45
I9-10-8-SB-16	417	255	2 - 3	24.3	9.43	24.30	229.20
R43A120	414, 480	272	2 - 3	0.25	10.06	0.25	2.52
R43B100	423, 424	143	2 - 3	0.25	5.29	0.25	1.32
R43C120	413, 422	493	2 - 3	0.3	18.26	0.30	5.48
R79A100	479	14	2 - 3	1.3	0.50	1.30	0.65
R83A425	432	49	2 - 3	0.9	1.82	0.90	1.64
Totals:	--	1,276	--	--	47.24	--	548.26
Volume-Weighted Average:							11.61

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-7	375	50	3 - 4	0.93	1.86	0.93	1.73
I9-10-8-SB-16	347, 348	255	3 - 4	5.6	9.43	5.60	52.82
R43A120	342	272	3 - 4	0.25	10.06	0.25	2.52
R43B100	411	143	3 - 4	0.25	5.29	0.25	1.32
R43C120	341, 409	493	3 - 4	0.3	18.26	0.30	5.48
R79A100	410	14	3 - 4	1.3	0.50	1.30	0.65
R83A425	373	49	3 - 4	0.9	1.82	0.90	1.64
Totals:	--	1,276	--	--	47.24	--	66.16
Volume-Weighted Average:							1.40

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-7	375	50	4 - 5	0.93	1.86	0.93	1.73
I9-10-8-SB-16	347, 348	255	4 - 5	5.6	9.43	5.60	52.82
R43A120	342	272	4 - 5	0.25	10.06	0.25	2.52
R43B100	409	143	4 - 5	0.25	5.29	0.25	1.32
R43C120	341, 407	493	4 - 5	0.3	18.26	0.30	5.48
R79A100	408	14	4 - 5	0.3	0.50	0.30	0.15
R83A425	373	49	4 - 5	0.4	1.82	0.40	0.73
Totals:	--	1,276	--	--	47.24	--	64.75
Volume-Weighted Average:							1.37

**TABLE D-88
EXISTING CONDITIONS
PARCEL I9-10-11: 1- TO X-FOOT [X=9] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-7	296	50	5 - 6	0.077	1.86	0.08	0.14
I9-10-8-SB-16	279	255	5 - 6	3.6	9.43	3.60	33.96
R43A120	277	272	5 - 6	0.25	10.06	0.25	2.52
R43B100	327	143	5 - 6	0.25	5.29	0.25	1.32
R43C120	276	493	5 - 6	0.3	18.26	0.30	5.48
R79A100	326	14	5 - 6	0.3	0.50	0.30	0.15
R83A425	293	49	5 - 6	0.4	1.82	0.40	0.73
Totals:	--	1,276	--	--	47.24	--	44.30
Volume-Weighted Average:							0.94

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-7	283	50	6 - 7	0.077	1.86	0.08	0.14
I9-10-8-SB-16	269	255	6 - 7	3.6	9.43	3.60	33.96
R43A120	267	272	6 - 7	0.25	10.06	0.25	2.52
R43B100	312	143	6 - 7	0.25	5.29	0.25	1.32
R43C120	266	493	6 - 7	0.3	18.26	0.30	5.48
R79A100	311	14	6 - 7	0.3	0.50	0.30	0.15
R83A425	280	49	6 - 7	0.35	1.82	0.35	0.64
Totals:	--	1,276	--	--	47.24	--	44.21
Volume-Weighted Average:							0.94

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-16	229	292	7 - 8	0.615	10.83	0.62	6.66
R43A120	249	272	7 - 8	0.25	10.06	0.25	2.52
R43B100	295	143	7 - 8	0.25	5.29	0.25	1.32
R43C120	248	506	7 - 8	0.3	18.73	0.30	5.62
R79A100	294	14	7 - 8	0.3	0.50	0.30	0.15
R83A425	261	49	7 - 8	0.35	1.82	0.35	0.64
Totals:	--	1,276	--	--	47.24	--	16.91
Volume-Weighted Average:							0.36

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-6	64A	124	8 - 9	0.09	4.58	0.09	0.41
I9-10-8-SB-16	62	1,152	8 - 9	0.615	42.67	0.62	26.24
Totals:	--	1,276	--	--	47.24	--	26.65
Volume-Weighted Average:							0.56

SUMMARY: 1- TO X-FOOT DEPTH [X=9] INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,276	--	--	377.95	--	1,361.31
Volume-Weighted Average:							3.60

Notes:

1. Polygon ID and area based on information shown on Figures D-42 through D-49.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-89
POST-REMEDATION CONDITIONS
PARCEL I9-10-11: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-7	634	7	0 - 0.5	0.021	0.14	0.02	0.00
R43A100	668	2	0 - 0.5	0.021	0.03	0.02	0.00
R43A100	669	5	0 - 0.5	0.6	0.09	0.60	0.06
R43A120	594	132	0 - 0.5	0.3	2.44	0.30	0.73
R43A120	694	116	0 - 0.5	0.021	2.15	0.02	0.05
R43B100	623	6	0 - 0.5	0.25	0.10	0.25	0.03
R43B100	624	51	0 - 0.5	0.021	0.95	0.02	0.02
R43B120	593, 593A	384	0 - 0.5	0.021	7.12	0.02	0.15
R43C100	621	48	0 - 0.5	0.3	0.90	0.30	0.27
R43C100	622	6	0 - 0.5	0.021	0.10	0.02	0.00
R43C120	592	337	0 - 0.5	0.021	6.25	0.02	0.13
R43C120	620	36	0 - 0.5	0.3	0.67	0.30	0.20
R44D120	670	5	0 - 0.5	0.7	0.09	0.70	0.06
R79A100	667	7	0 - 0.5	0.7	0.12	0.70	0.09
R83A375	639	6	0 - 0.5	0.021	0.11	0.02	0.00
R83A400	636, 636A	54	0 - 0.5	0.021	1.01	0.02	0.02
R83A425	631	73	0 - 0.5	0.021	1.36	0.02	0.03
Totals:	--	1,275	--	--	23.61	--	1.84
Volume-Weighted Average:							0.08

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-7	623	7	0.5 - 1	0.021	0.14	0.02	0.00
R43A100	681	2	0.5 - 1	0.021	0.03	0.02	0.00
R43A100	682	5	0.5 - 1	0.6	0.09	0.60	0.06
R43A120	589	132	0.5 - 1	0.435	2.44	0.44	1.06
R43A120	684	116	0.5 - 1	0.021	2.15	0.02	0.05
R43B100	610	6	0.5 - 1	0.3	0.10	0.30	0.03
R43B100	611	51	0.5 - 1	0.021	0.95	0.02	0.02
R43B120	588, 588A	384	0.5 - 1	0.021	7.12	0.02	0.15
R43C100	608	48	0.5 - 1	0.25	0.90	0.25	0.22
R43C100	609	6	0.5 - 1	0.021	0.10	0.02	0.00
R43C120	587	337	0.5 - 1	0.021	6.25	0.02	0.13
R43C120	607	36	0.5 - 1	0.275	0.67	0.28	0.18
R44D120	616	5	0.5 - 1	0.505	0.09	0.51	0.04
R79A100	680	7	0.5 - 1	0.9	0.12	0.90	0.11
R83A375	628	6	0.5 - 1	0.021	0.11	0.02	0.00
R83A400	625, 625A	54	0.5 - 1	0.021	1.01	0.02	0.02
R83A425	620	73	0.5 - 1	0.021	1.36	0.02	0.03
Totals:	--	1,275	--	--	23.61	--	2.12
Volume-Weighted Average:							0.09

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,275	--	--	47.23	--	3.95
Volume-Weighted Average:							0.08

Notes:

1. Polygon ID and area based on information shown on Figures D-40 and D-41.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-90
POST REMEDIATION CONDITIONS
PARCEL I9-10-11: 1- TO X-FOOT [X=9] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-7	396	50	1 - 2	0.021	1.86	0.02	0.04
I9-10-8-SB-16	378	255	1 - 2	0.021	9.43	0.02	0.20
R43A120	374	141	1 - 2	0.2	5.24	0.20	1.05
R43A120	440	130	1 - 2	0.021	4.82	0.02	0.10
R43B100	384	7	1 - 2	0.3	0.28	0.30	0.08
R43B100	385	135	1 - 2	0.021	5.02	0.02	0.11
R43C120	373	417	1 - 2	0.021	15.46	0.02	0.32
R43C120	383	76	1 - 2	0.3	2.81	0.30	0.84
R79A100	439	14	1 - 2	0.3	0.50	0.30	0.15
R83A425	393	49	1 - 2	0.021	1.82	0.02	0.04
Totals:	--	1,276	--	--	47.24	--	2.93
Volume-Weighted Average:							0.06

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-7	435	50	2 - 3	0.021	1.86	0.02	0.04
I9-10-8-SB-16	417	255	2 - 3	0.021	9.43	0.02	0.20
R43A120	414	141	2 - 3	0.25	5.24	0.25	1.31
R43A120	480	130	2 - 3	0.021	4.82	0.02	0.10
R43B100	423	7	2 - 3	0.25	0.28	0.25	0.07
R43B100	424	135	2 - 3	0.021	5.02	0.02	0.11
R43C120	413	417	2 - 3	0.021	15.46	0.02	0.32
R43C120	422	76	2 - 3	0.3	2.81	0.30	0.84
R79A100	479	14	2 - 3	1.3	0.50	1.30	0.65
R83A425	432	49	2 - 3	0.021	1.82	0.02	0.04
Totals:	--	1,276	--	--	47.24	--	3.68
Volume-Weighted Average:							0.08

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-7	375	50	3 - 4	0.021	1.86	0.02	0.04
I9-10-8-SB-16	347	225	3 - 4	5.6	8.34	5.60	46.68
I9-10-8-SB-16	348	30	3 - 4	0.021	1.10	0.02	0.02
R43A120	342	272	3 - 4	0.25	10.06	0.25	2.52
R43B100	411	143	3 - 4	0.25	5.29	0.25	1.32
R43C120	341	298	3 - 4	0.021	11.05	0.02	0.23
R43C120	409	195	3 - 4	0.3	7.22	0.30	2.17
R79A100	410	14	3 - 4	1.3	0.50	1.30	0.65
R83A425	373	49	3 - 4	0.9	1.82	0.90	1.64
Totals:	--	1,276	--	--	47.24	--	55.27
Volume-Weighted Average:							1.17

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-7	375	50	4 - 5	0.021	1.86	0.02	0.04
I9-10-8-SB-16	347	225	4 - 5	5.6	8.34	5.60	46.68
I9-10-8-SB-16	348	30	4 - 5	0.021	1.10	0.02	0.02
R43A120	342	272	4 - 5	0.25	10.06	0.25	2.52
R43B100	409	143	4 - 5	0.25	5.29	0.25	1.32
R43C120	341	298	4 - 5	0.021	11.05	0.02	0.23
R43C120	407	195	4 - 5	0.3	7.22	0.30	2.17
R79A100	408	14	4 - 5	0.3	0.50	0.30	0.15
R83A425	373	49	4 - 5	0.4	1.82	0.40	0.73
Totals:	--	1,276	--	--	47.24	--	53.86
Volume-Weighted Average:							1.14

**TABLE D-90
POST REMEDIATION CONDITIONS
PARCEL I9-10-11: 1- TO X-FOOT [X=9] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-7	296	50	5 - 6	0.077	1.86	0.08	0.14
I9-10-8-SB-16	279	255	5 - 6	3.6	9.43	3.60	33.96
R43A120	277	272	5 - 6	0.25	10.06	0.25	2.52
R43B100	327	143	5 - 6	0.25	5.29	0.25	1.32
R43C120	276	493	5 - 6	0.3	18.26	0.30	5.48
R79A100	326	14	5 - 6	0.3	0.50	0.30	0.15
R83A425	293	49	5 - 6	0.4	1.82	0.40	0.73
Totals:	--	1,276	--	--	47.24	--	44.30
Volume-Weighted Average:							0.94

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-7	283	50	6 - 7	0.077	1.86	0.08	0.14
I9-10-8-SB-16	269	255	6 - 7	3.6	9.43	3.60	33.96
R43A120	267	272	6 - 7	0.25	10.06	0.25	2.52
R43B100	312	143	6 - 7	0.25	5.29	0.25	1.32
R43C120	266	493	6 - 7	0.3	18.26	0.30	5.48
R79A100	311	14	6 - 7	0.3	0.50	0.30	0.15
R83A425	280	49	6 - 7	0.35	1.82	0.35	0.64
Totals:	--	1,276	--	--	47.24	--	44.21
Volume-Weighted Average:							0.94

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-16	229	292	7 - 8	0.615	10.83	0.62	6.66
R43A120	249	272	7 - 8	0.25	10.06	0.25	2.52
R43B100	295	143	7 - 8	0.25	5.29	0.25	1.32
R43C120	248	506	7 - 8	0.3	18.73	0.30	5.62
R79A100	294	14	7 - 8	0.3	0.50	0.30	0.15
R83A425	261	49	7 - 8	0.35	1.82	0.35	0.64
Totals:	--	1,276	--	--	47.24	--	16.91
Volume-Weighted Average:							0.36

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-6	64A	124	8 - 9	0.09	4.58	0.09	0.41
I9-10-8-SB-16	62	1,152	8 - 9	0.615	42.67	0.62	26.24
Totals:	--	1,276	--	--	47.24	--	26.65
Volume-Weighted Average:							0.56

SUMMARY: 1- TO X-FOOT DEPTH [X=9] INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,276	--	--	377.95	--	247.80
Volume-Weighted Average:							0.66

Notes:

1. Polygon ID and area based on information shown on Figures D-42 through D-49.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

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Combined Parcel I9-10-9 and
Recreational Area RA-1

**TABLE D-91
EXISTING CONDITIONS
PARCEL I9-10-9 & RECREATIONAL AREA-1 (RA-1): 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-9	261	40	0 - 0.5	33.4	0.73	33.40	24.44
I9-10-8-SB-10	255, 255A, 255B	722	0 - 0.5	0.56	13.37	0.56	7.49
I9-10-9-SB-1	159	699	0 - 0.5	0.315	12.94	0.32	4.08
I9-10-9-SB-2	264	736	0 - 0.5	0.226	13.62	0.23	3.08
SL-BH001464	391A	1,534	0 - 0.5	360	28.42	360.00	10,229.67
SL-BH001465	388A, 388C	1,461	0 - 0.5	1.24	27.05	1.24	33.55
R44A25	159C	359	0 - 0.5	0.7	6.65	0.70	4.66
R44A50	159B	332	0 - 0.5	1.0	6.15	1.00	6.15
R44A75	159A	240	0 - 0.5	0.7	4.44	0.70	3.11
R44A100	345	12	0 - 0.5	0.7	0.23	0.70	0.16
R44A120	209	148	0 - 0.5	0.335	2.74	0.34	0.92
RA-1-SB-1	74	818	0 - 0.5	0.047	15.14	0.05	0.71
RA-1-SB-2	56, 388, 388B	932	0 - 0.5	0.24	17.25	0.24	4.14
RA-1-SB-3	231, 231A	1,572	0 - 0.5	0.035	29.11	0.04	1.02
RA-1-SB-4	57, 389	1,360	0 - 0.5	1.06	25.19	1.06	26.70
RA-1-SB-5	147	1,735	0 - 0.5	6.5	32.13	6.50	208.82
RA-1-SB-6	391	1,180	0 - 0.5	1.36	21.85	1.36	29.72
RA-1-SB-7	233	1,230	0 - 0.5	0.35	22.78	0.35	7.97
RA-2-SB-1	393	1	0 - 0.5	0.65	0.02	0.65	0.02
Totals:	--	15,111	--	--	279.84	--	10,596.40
Volume-Weighted Average:							37.87

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-9	264	40	0.5 - 1	33.4	0.73	33.40	24.44
I9-10-8-SB-10	258	391	0.5 - 1	0.56	7.23	0.56	4.05
I9-10-9-SB-1	163	699	0.5 - 1	0.315	12.94	0.32	4.08
I9-10-9-SB-2	267, 267A, 267B	1,067	0.5 - 1	0.226	19.76	0.23	4.47
SL-BH001464	390	1,534	0.5 - 1	360	28.42	360.00	10,229.67
SL-BH001465	72	1,461	0.5 - 1	1.24	27.05	1.24	33.54
R44A25	163C	359	0.5 - 1	0.4	6.65	0.40	2.66
R44A50	163B	332	0.5 - 1	0.7	6.15	0.70	4.31
R44A75	163A	240	0.5 - 1	0.6	4.44	0.60	2.66
R44A100	348	12	0.5 - 1	0.7	0.23	0.70	0.16
R44A120	213	148	0.5 - 1	0.45	2.74	0.45	1.23
RA-1-SB-1	386	818	0.5 - 1	0.047	15.14	0.05	0.71
RA-1-SB-2	72A	932	0.5 - 1	0.24	17.26	0.24	4.14
RA-1-SB-3	387, 387A	1,572	0.5 - 1	0.035	29.11	0.04	1.02
RA-1-SB-4	30, 234	1,360	0.5 - 1	1.06	25.19	1.06	26.70
RA-1-SB-5	388	1,735	0.5 - 1	6.5	32.13	6.50	208.82
RA-1-SB-6	151	1,180	0.5 - 1	1.36	21.85	1.36	29.72
RA-1-SB-7	390A	1,230	0.5 - 1	0.35	22.78	0.35	7.97
RA-2-SB-1	236	1	0.5 - 1	0.65	0.02	0.65	0.02
Totals:	--	15,111	--	--	279.84	--	10,590.37
Volume-Weighted Average:							37.84

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	15,111	--	--	559.67	--	21,186.78
Volume-Weighted Average:							37.86

Notes:

1. Polygon ID and area based on information shown on Figures D-52 and D-53.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-91A
EXISTING CONDITIONS
PARCEL I9-10-9 & RECREATIONAL AREA-1 (RA-1): 0- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE D-91)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	15,111	--	--	559.67	--	21,186.78
Volume-Weighted Average:							37.86

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-9	169	40	1 - 2	0.127	1.46	0.13	0.19
I9-10-8-SB-10	41	453	1 - 2	0.385	16.77	0.39	6.46
I9-10-9-SB-1	82	1,642	1 - 2	0.089	60.83	0.09	5.41
I9-10-9-SB-2	172, 172A	1,005	1 - 2	0.79	37.21	0.79	29.40
SL-BH001464	7	1,534	1 - 2	162	56.83	162.00	9,206.70
SL-BH001465	273A	1,461	1 - 2	189	54.11	189.00	10,226.72
R44A120	129	148	1 - 2	0.3	5.49	0.30	1.65
RA-1-SB-1	139	818	1 - 2	1	30.28	1.00	30.28
RA-1-SB-2	273	932	1 - 2	0.165	34.50	0.17	5.69
RA-1-SB-3	70, 70A	1,572	1 - 2	0.327	58.23	0.33	19.04
RA-1-SB-4	274	1,360	1 - 2	1.77	50.38	1.77	89.17
RA-1-SB-5	140	1,735	1 - 2	366	64.25	366.00	23,516.72
RA-1-SB-6	276	1,180	1 - 2	0.098	43.71	0.10	4.28
RA-1-SB-7	7A	1,230	1 - 2	28.35	45.57	28.35	1,291.95
RA-2-SB-1	278	1	1 - 2	0.192	0.05	0.19	0.01
Totals:	--	15,111	--	--	559.68	--	44,433.67
Volume-Weighted Average:							79.39

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-9	169	40	2 - 3	0.127	1.46	0.13	0.19
I9-10-8-SB-10	39	453	2 - 3	0.385	16.77	0.39	6.46
I9-10-9-SB-1	78	1,642	2 - 3	0.089	60.83	0.09	5.41
I9-10-9-SB-2	172, 172A	1,005	2 - 3	0.79	37.21	0.79	29.40
SL-BH001464	65A	1,534	2 - 3	162	56.83	162.00	9,206.70
SL-BH001465	6A	1,461	2 - 3	189	54.11	189.00	10,226.72
R44A120	257	148	2 - 3	0.25	5.49	0.25	1.37
RA-1-SB-1	274	818	2 - 3	1	30.28	1.00	30.28
RA-1-SB-2	6	932	2 - 3	0.165	34.50	0.17	5.69
RA-1-SB-3	275, 275A	1,572	2 - 3	0.327	58.23	0.33	19.04
RA-1-SB-4	140	1,360	2 - 3	1.77	50.38	1.77	89.17
RA-1-SB-5	276	1,735	2 - 3	366	64.25	366.00	23,516.72
RA-1-SB-6	65	1,180	2 - 3	0.098	43.71	0.10	4.28
RA-1-SB-7	278	1,230	2 - 3	28.35	45.57	28.35	1,291.95
RA-2-SB-1	142	1	2 - 3	0.192	0.05	0.19	0.01
Totals:	--	15,111	--	--	559.68	--	44,433.40
Volume-Weighted Average:							79.39

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	15,111	--	--	1,679.04	--	110,053.84
Volume-Weighted Average:							65.55

Notes:

1. Polygon ID and area based on information shown on Figures D-54 through D-55.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-92
EXISTING CONDITIONS
PARCEL I9-10-9 & RECREATIONAL AREA-1 (RA-1): 1- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-9	169	40	1 - 2	0.127	1.46	0.13	0.19
I9-10-8-SB-10	41	453	1 - 2	0.385	16.77	0.39	6.46
I9-10-9-SB-1	82	1,642	1 - 2	0.089	60.83	0.09	5.41
I9-10-9-SB-2	172	1,005	1 - 2	0.79	37.21	0.79	29.40
SL-BH001464	7	1,534	1 - 2	162	56.83	162.00	9,206.70
SL-BH001465	273A	1,461	1 - 2	189	54.11	189.00	10,226.72
R44A120	129	148	1 - 2	0.3	5.49	0.30	1.65
RA-1-SB-1	139, 139A	818	1 - 2	1	30.28	1.00	30.28
RA-1-SB-2	273	932	1 - 2	0.165	34.50	0.17	5.69
RA-1-SB-3	70, 70A	1,572	1 - 2	0.327	58.23	0.33	19.04
RA-1-SB-4	274	1,360	1 - 2	1.77	50.38	1.77	89.17
RA-1-SB-5	140	1,735	1 - 2	366	64.25	366.00	23,516.72
RA-1-SB-6	276	1,180	1 - 2	0.098	43.71	0.10	4.28
RA-1-SB-7	7A	1,230	1 - 2	28.35	45.57	28.35	1,291.95
RA-2-SB-1	278	1	1 - 2	0.192	0.05	0.19	0.01
Totals:	--	15,111	--	--	559.68	--	44,433.67
Volume-Weighted Average:							79.39

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-9	169	40	2 - 3	0.127	1.46	0.13	0.19
I9-10-8-SB-10	39	453	2 - 3	0.385	16.77	0.39	6.46
I9-10-9-SB-1	78	1,642	2 - 3	0.089	60.83	0.09	5.41
I9-10-9-SB-2	172	1,005	2 - 3	0.79	37.21	0.79	29.40
SL-BH001464	65A	1,534	2 - 3	162	56.83	162.00	9,206.70
SL-BH001465	6A	1,461	2 - 3	189	54.11	189.00	10,226.72
R44A120	257	148	2 - 3	0.25	5.49	0.25	1.37
RA-1-SB-1	274, 274A	818	2 - 3	1	30.28	1.00	30.28
RA-1-SB-2	6	932	2 - 3	0.165	34.50	0.17	5.69
RA-1-SB-3	275, 275A	1,572	2 - 3	0.327	58.23	0.33	19.04
RA-1-SB-4	140	1,360	2 - 3	1.77	50.38	1.77	89.17
RA-1-SB-5	276	1,735	2 - 3	366	64.25	366.00	23,516.72
RA-1-SB-6	65	1,180	2 - 3	0.098	43.71	0.10	4.28
RA-1-SB-7	278	1,230	2 - 3	28.35	45.57	28.35	1,291.95
RA-2-SB-1	142	1	2 - 3	0.192	0.05	0.19	0.01
Totals:	--	15,111	--	--	559.68	--	44,433.39
Volume-Weighted Average:							79.39

SUMMARY: 1- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	15,111	--	--	1,119.36	--	88,867.06
Volume-Weighted Average:							79.39

Notes:

1. Polygon ID and area based on information shown on Figures D-54 through D-55.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-93
POST-REMEDATION CONDITIONS
PARCEL I9-10-9 & RECREATIONAL AREA-1 (RA-1): 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-9	261	40	0 - 0.5	0.021	0.73	0.02	0.02
I9-10-8-SB-10	255, 255A	660	0 - 0.5	0.56	12.22	0.56	6.84
I9-10-8-SB-10	255B	62	0 - 0.5	0.021	1.15	0.02	0.02
I9-10-9-SB-1	159	699	0 - 0.5	0.315	12.94	0.32	4.08
I9-10-9-SB-2	264	736	0 - 0.5	0.021	13.62	0.02	0.29
SL-BH001464	391A	1,534	0 - 0.5	0.021	28.42	0.02	0.60
SL-BH001465	388A	1,461	0 - 0.5	0.021	27.06	0.02	0.57
R44A25	159C	359	0 - 0.5	0.7	6.65	0.70	4.66
R44A50	159B	332	0 - 0.5	1.0	6.15	1.00	6.15
R44A75	159A	240	0 - 0.5	0.7	4.44	0.70	3.11
R44A100	345	12	0 - 0.5	0.7	0.23	0.70	0.16
R44A120	209	148	0 - 0.5	0.335	2.74	0.34	0.92
RA-1-SB-1	74	818	0 - 0.5	0.021	15.14	0.02	0.32
RA-1-SB-2	388	932	0 - 0.5	0.021	17.25	0.02	0.36
RA-1-SB-3	231	691	0 - 0.5	0.021	12.80	0.02	0.27
RA-1-SB-3	231A	881	0 - 0.5	0.035	16.31	0.04	0.57
RA-1-SB-4	57, 389	1,360	0 - 0.5	1.06	25.19	1.06	26.70
RA-1-SB-5	147	1,735	0 - 0.5	0.021	32.13	0.02	0.67
RA-1-SB-6	391	1,180	0 - 0.5	1.36	21.85	1.36	29.72
RA-1-SB-7	233	1,230	0 - 0.5	0.35	22.78	0.35	7.97
RA-2-SB-1	393	1	0 - 0.5	0.65	0.02	0.65	0.02
Totals:	--	15,111	--	--	279.84	--	94.01
Volume-Weighted Average:							0.34

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-9	264	40	0.5 - 1	0.021	0.73	0.02	0.02
I9-10-8-SB-10	258	391	0.5 - 1	0.56	7.23	0.56	4.05
I9-10-9-SB-1	163	699	0.5 - 1	0.315	12.94	0.32	4.08
I9-10-9-SB-2	267, 267B	798	0.5 - 1	0.021	14.77	0.02	0.31
I9-10-9-SB-2	267A	269	0.5 - 1	0.226	4.98	0.23	1.13
SL-BH001464	390	1,534	0.5 - 1	0.021	28.42	0.02	0.60
SL-BH001465	72	1,461	0.5 - 1	0.021	27.05	0.02	0.57
R44A25	163C	359	0.5 - 1	0.4	6.65	0.40	2.66
R44A50	163B	332	0.5 - 1	0.7	6.15	0.70	4.31
R44A75	163A	240	0.5 - 1	0.6	4.44	0.60	2.66
R44A100	348	12	0.5 - 1	0.7	0.23	0.70	0.16
R44A120	213	148	0.5 - 1	0.45	2.74	0.45	1.23
RA-1-SB-1	386	818	0.5 - 1	0.021	15.14	0.02	0.32
RA-1-SB-2	72A	932	0.5 - 1	0.021	17.26	0.02	0.36
RA-1-SB-3	387	691	0.5 - 1	0.021	12.80	0.02	0.27
RA-1-SB-3	387A	881	0.5 - 1	0.035	16.31	0.04	0.57
RA-1-SB-4	30, 234	1,360	0.5 - 1	1.06	25.19	1.06	26.70
RA-1-SB-5	388	1,735	0.5 - 1	0.021	32.13	0.02	0.67
RA-1-SB-6	151	1,180	0.5 - 1	1.36	21.85	1.36	29.72
RA-1-SB-7	390A	1,230	0.5 - 1	0.35	22.78	0.35	7.97
RA-2-SB-1	236	1	0.5 - 1	0.65	0.02	0.65	0.02
Totals:	--	15,111	--	--	279.84	--	88.38
Volume-Weighted Average:							0.32

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	15,111	--	--	559.68	--	182.39
Volume-Weighted Average:							0.33

Notes:

1. Polygon ID and area based on information shown on Figures D-52 and D-53.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
4. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

**TABLE D-93A
POST-REMEDATION CONDITIONS
PARCEL I9-10-9 & RECREATIONAL AREA-1 (RA-1): 0- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE D-91)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	15,111	--	--	559.68	--	182.39
Volume-Weighted Average:							0.33

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-9	169	40	1 - 2	0.021	1.46	0.02	0.03
I9-10-8-SB-10	41	453	1 - 2	0.385	16.77	0.39	6.46
I9-10-9-SB-1	82	1,642	1 - 2	0.089	60.83	0.09	5.41
I9-10-9-SB-2	172	603	1 - 2	0.021	22.34	0.02	0.47
I9-10-9-SB-2	172A	402	1 - 2	0.79	14.87	0.79	11.75
SL-BH001464	7	1,534	1 - 2	0.021	56.83	0.02	1.19
SL-BH001465	273A	1,461	1 - 2	0.021	54.11	0.02	1.14
R44A120	129	148	1 - 2	0.3	5.49	0.30	1.65
RA-1-SB-1	139	818	1 - 2	0.021	30.28	0.02	0.64
RA-1-SB-2	273	932	1 - 2	0.021	34.50	0.02	0.72
RA-1-SB-3	70	691	1 - 2	0.021	25.60	0.02	0.54
RA-1-SB-3	70A	881	1 - 2	0.327	32.62	0.33	10.67
RA-1-SB-4	274	1,360	1 - 2	1.77	50.38	1.77	89.17
RA-1-SB-5	140	1,735	1 - 2	0.021	64.25	0.02	1.35
RA-1-SB-6	276	1,180	1 - 2	0.098	43.71	0.10	4.28
RA-1-SB-7	7A	1,230	1 - 2	28.35	45.57	28.35	1,291.95
RA-2-SB-1	278	1	1 - 2	0.192	0.05	0.19	0.01
Totals:	--	15,111	--	--	559.68	--	1,427.42
Volume-Weighted Average:							2.55

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-9	169	40	2 - 3	0.021	1.46	0.02	0.03
I9-10-8-SB-10	39	453	2 - 3	0.385	16.77	0.39	6.46
I9-10-9-SB-1	78	1,642	2 - 3	0.089	60.83	0.09	5.41
I9-10-9-SB-2	172	603	2 - 3	0.021	22.34	0.02	0.47
I9-10-9-SB-2	172A	402	2 - 3	0.79	14.87	0.79	11.75
SL-BH001464	65A	1,534	2 - 3	0.021	56.83	0.02	1.19
SL-BH001465	6A	1,461	2 - 3	0.021	54.11	0.02	1.14
R44A120	257	148	2 - 3	0.25	5.49	0.25	1.37
RA-1-SB-1	274	818	2 - 3	0.021	30.28	0.02	0.64
RA-1-SB-2	6	932	2 - 3	0.021	34.50	0.02	0.72
RA-1-SB-3	275	691	2 - 3	0.021	25.60	0.02	0.54
RA-1-SB-3	275A	881	2 - 3	0.327	32.62	0.33	10.67
RA-1-SB-4	140	1,360	2 - 3	1.77	50.38	1.77	89.17
RA-1-SB-5	276	1,735	2 - 3	0.021	64.25	0.02	1.35
RA-1-SB-6	65	1,180	2 - 3	0.098	43.71	0.10	4.28
RA-1-SB-7	278	1,230	2 - 3	28.35	45.57	28.35	1,291.95
RA-2-SB-1	142	1	2 - 3	0.192	0.05	0.19	0.01
Totals:	--	15,111	--	--	559.68	--	1,427.15
Volume-Weighted Average:							2.55

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	15,111	--	--	1,679.04	--	3,036.96
Volume-Weighted Average:							1.81

Notes:

1. Polygon ID and area based on information shown on Figures D-54 through D-55.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation. The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

TABLE D-94
POST-REMEDATION CONDITIONS
PARCEL I9-10-9 & RECREATIONAL AREA-1 (RA-1): 1- TO 3-FOOT DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-9	169	40	1 - 2	0.021	1.46	0.02	0.03
I9-10-8-SB-10	41	453	1 - 2	0.385	16.77	0.39	6.46
I9-10-9-SB-1	82	1,642	1 - 2	0.089	60.83	0.09	5.41
I9-10-9-SB-2	172	603	1 - 2	0.021	22.34	0.02	0.47
I9-10-9-SB-2	172A	402	1 - 2	0.79	14.87	0.79	11.75
SL-BH001464	7	1,534	1 - 2	0.021	56.83	0.02	1.19
SL-BH001465	273A	1,461	1 - 2	0.021	54.11	0.02	1.14
R44A120	129	148	1 - 2	0.3	5.49	0.30	1.65
RA-1-SB-1	139	818	1 - 2	0.021	30.28	0.02	0.64
RA-1-SB-2	273	932	1 - 2	0.021	34.50	0.02	0.72
RA-1-SB-3	70	699	1 - 2	0.021	25.88	0.02	0.54
RA-1-SB-3	70A	873	1 - 2	0.327	32.35	0.33	10.58
RA-1-SB-4	274	1,360	1 - 2	1.77	50.38	1.77	89.17
RA-1-SB-5	140	1,735	1 - 2	0.021	64.25	0.02	1.35
RA-1-SB-6	276	1,180	1 - 2	0.098	43.71	0.10	4.28
RA-1-SB-7	7A	1,230	1 - 2	28.35	45.57	28.35	1,291.95
RA-2-SB-1	278	1	1 - 2	0.192	0.05	0.19	0.01
Totals:	--	15,111	--	--	559.68	--	1,427.34
Volume-Weighted Average:							2.55

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-10-8-SB-9	169	40	2 - 3	0.021	1.46	0.02	0.03
I9-10-8-SB-10	39	453	2 - 3	0.385	16.77	0.39	6.46
I9-10-9-SB-1	78	1,642	2 - 3	0.089	60.83	0.09	5.41
I9-10-9-SB-2	172	603	2 - 3	0.021	22.34	0.02	0.47
I9-10-9-SB-2	172A	402	2 - 3	0.79	14.87	0.79	11.75
SL-BH001464	65A	1,534	2 - 3	0.021	56.83	0.02	1.19
SL-BH001465	6A	1,461	2 - 3	0.021	54.11	0.02	1.14
R44A120	257	148	2 - 3	0.25	5.49	0.25	1.37
RA-1-SB-1	274	818	2 - 3	0.021	30.29	0.02	0.64
RA-1-SB-2	6	932	2 - 3	0.021	34.50	0.02	0.72
RA-1-SB-3	275	691	2 - 3	0.021	25.59	0.02	0.54
RA-1-SB-3	275A	881	2 - 3	0.327	32.63	0.33	10.67
RA-1-SB-4	140	1,360	2 - 3	1.77	50.38	1.77	89.17
RA-1-SB-5	276	1,735	2 - 3	0.021	64.25	0.02	1.35
RA-1-SB-6	65	1,180	2 - 3	0.098	43.71	0.10	4.28
RA-1-SB-7	278	1,230	2 - 3	28.35	45.57	28.35	1,291.95
RA-2-SB-1	142	1	2 - 3	0.192	0.05	0.19	0.01
Totals:	--	15,111	--	--	559.68	--	1,427.15
Volume-Weighted Average:							2.55

SUMMARY: 1- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	15,111	--	--	1,119.36	--	2,854.49
Volume-Weighted Average:							2.55

Notes:

- Polygon ID and area based on information shown on Figures D-54 through D-55.
- Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
- For instances where a duplicate sample was available, the average of the samples was included in table.
- All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

ARCADIS

Recreational Area RA-2

**TABLE D-95
EXISTING CONDITIONS
RECREATIONAL AREA-2 (RA-2): 0- TO 1-FOOT DEPTH INCREMENT (BANK**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-1-SB-6	390	5	0 - 0.5	1.36	0.09	1.36	0.13
RA-2-SB-1	392	2,683	0 - 0.5	0.65	49.68	0.65	32.29
RA-2-SB-3	234	3,271	0 - 0.5	0.06	60.58	0.06	3.63
RA-2-SB-4	396	2,647	0 - 0.5	0.31	49.02	0.31	15.20
RA-2-SB-5	148	2,994	0 - 0.5	0.0195	55.44	0.02	1.08
RA-2-SB-6	397	2,859	0 - 0.5	0.095	52.94	0.10	5.03
RA-2-SB-7	235	1,781	0 - 0.5	0.058	32.98	0.06	1.91
RA-2-SB-9	398	3,048	0 - 0.5	0.091	56.45	0.09	5.14
RA-2-SB-10	108	2,443	0 - 0.5	1.3	45.23	1.30	58.80
RA-2-SB-11	394, 394A	1,626	0 - 0.5	0.36	30.11	0.36	10.84
SLB-2 Bottom Bank	247	796	0 - 0.5	0.42	14.74	0.42	6.19
SLB-2 Middle Bank	423	1,198	0 - 0.5	0.093	22.19	0.09	2.06
SLB-2 Top Bank	111	2,851	0 - 0.5	0.64	52.80	0.64	33.79
SLB-6 Bottom Bank	429	1,118	0 - 0.5	0.196	20.70	0.20	4.06
SLB-6 Middle Bank	251	866	0 - 0.5	1.17	16.04	1.17	18.77
SLB-6 Top Bank	430	1,062	0 - 0.5	0.074	19.67	0.07	1.46
Totals:	--	31,248	--	--	578.66	--	200.38
Volume-Weighted Average:							0.35

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-1-SB-6	150	5	0.5 - 1	1.36	0.09	1.36	0.13
RA-2-SB-1	235	2,683	0.5 - 1	0.65	49.68	0.65	32.29
RA-2-SB-3	392	3,271	0.5 - 1	0.06	60.58	0.06	3.63
RA-2-SB-4	237	2,647	0.5 - 1	0.31	49.02	0.31	15.20
RA-2-SB-5	393	2,994	0.5 - 1	0.0195	55.44	0.02	1.08
RA-2-SB-6	152	2,859	0.5 - 1	0.095	52.94	0.10	5.03
RA-2-SB-7	394	1,781	0.5 - 1	0.058	32.98	0.06	1.91
RA-2-SB-9	238	3,048	0.5 - 1	0.091	56.45	0.09	5.14
RA-2-SB-10	391	2,443	0.5 - 1	1.3	45.23	1.30	58.80
RA-2-SB-11	105, 105A	1,626	0.5 - 1	0.36	30.10	0.36	10.84
SLB-2 Bottom Bank	417	796	0.5 - 1	0.96	14.74	0.96	14.15
SLB-2 Middle Bank	158	1,198	0.5 - 1	0.151	22.19	0.15	3.35
SLB-2 Top Bank	418	2,851	0.5 - 1	1.28	52.80	1.28	67.58
SLB-6 Bottom Bank	254	1,118	0.5 - 1	0.76	20.70	0.76	15.73
SLB-6 Middle Bank	425	866	0.5 - 1	2.79	16.04	2.79	44.75
SLB-6 Top Bank	73	1,062	0.5 - 1	1.56	19.67	1.56	30.69
Totals:	--	31,248	--	--	578.66	--	310.31
Volume-Weighted Average:							0.54

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	31,248	--	--	1,157.32	--	510.69
Volume-Weighted Average:							0.44

Notes:

1. Polygon ID and area based on information shown on Figures D-52 and D-53.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-95A
EXISTING CONDITIONS
RECREATIONAL AREA-2 (RA-2): 0- TO 3-FOOT DEPTH INCREMENT (BANK
REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE D-95)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	31,248	--	--	1,157.32	--	510.69
Volume-Weighted Average:							0.44

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-1-SB-6	275	5	1 - 2	0.098	0.18	0.10	0.02
RA-2-SB-1	277	3,310	1 - 2	0.192	122.60	0.19	23.54
RA-2-SB-2	71	3,988	1 - 2	1.7	147.70	1.70	251.09
RA-2-SB-3	281	3,501	1 - 2	0.054	129.67	0.05	7.00
RA-2-SB-4	142	2,647	1 - 2	0.36	98.04	0.36	35.29
RA-2-SB-5	282	2,994	1 - 2	0.0185	110.88	0.02	2.05
RA-2-SB-6	36	2,859	1 - 2	0.39	105.87	0.39	41.29
RA-2-SB-7	283	1,883	1 - 2	0.019	69.75	0.02	1.33
RA-2-SB-8	143	2,875	1 - 2	31	106.50	31.00	3,301.41
RA-2-SB-9	284	3,117	1 - 2	0.043	115.46	0.04	4.96
RA-2-SB-10	141	2,443	1 - 2	4.9	90.47	4.90	443.28
RA-2-SB-11	279, 279A	1,626	1 - 2	0.027	60.22	0.03	1.63
Totals:	--	31,248	--	--	1,157.33	--	4,112.89
Volume-Weighted Average:							3.55

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-1-SB-6	64	5	2 - 3	0.098	0.18	0.10	0.02
RA-2-SB-1	141	3,310	2 - 3	0.192	122.60	0.19	23.54
RA-2-SB-2	280	3,988	2 - 3	1.7	147.70	1.70	251.09
RA-2-SB-3	143	3,501	2 - 3	0.054	129.67	0.05	7.00
RA-2-SB-4	281	2,647	2 - 3	0.36	98.04	0.36	35.29
RA-2-SB-5	66	2,994	2 - 3	0.0185	110.88	0.02	2.05
RA-2-SB-6	282	2,859	2 - 3	0.39	105.87	0.39	41.29
RA-2-SB-7	144	1,883	2 - 3	0.019	69.75	0.02	1.33
RA-2-SB-8	283	2,875	2 - 3	31	106.50	31.00	3,301.41
RA-2-SB-9	21	3,117	2 - 3	0.043	115.46	0.04	4.96
RA-2-SB-10	279	2,443	2 - 3	4.9	90.47	4.90	443.28
RA-2-SB-11	34, 35A	1,626	2 - 3	0.027	60.22	0.03	1.63
Totals:	--	31,248	--	--	1,157.33	--	4,112.89
Volume-Weighted Average:							3.55

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	31,248	--	--	3,471.98	--	8,736.47
Volume-Weighted Average:							2.52

Notes:

1. Polygon ID and area based on information shown on Figures D-54 through D-55.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-96
EXISTING CONDITIONS
RECREATIONAL AREA-2 (RA-2): 1- TO 3-FOOT DEPTH INCREMENT (BANK**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-1-SB-6	275	5	1 - 2	0.098	0.18	0.10	0.02
RA-2-SB-1	277	3,310	1 - 2	0.192	122.60	0.19	23.54
RA-2-SB-2	71	3,988	1 - 2	1.7	147.70	1.70	251.09
RA-2-SB-3	281	3,501	1 - 2	0.054	129.67	0.05	7.00
RA-2-SB-4	142	2,647	1 - 2	0.36	98.04	0.36	35.29
RA-2-SB-5	282	2,994	1 - 2	0.0185	110.88	0.02	2.05
RA-2-SB-6	36	2,859	1 - 2	0.39	105.87	0.39	41.29
RA-2-SB-7	283	1,883	1 - 2	0.019	69.75	0.02	1.33
RA-2-SB-8	143	2,875	1 - 2	31	106.50	31.00	3,301.41
RA-2-SB-9	284	3,117	1 - 2	0.043	115.46	0.04	4.96
RA-2-SB-10	141	2,443	1 - 2	4.9	90.47	4.90	443.28
RA-2-SB-11	279, 279A	1,626	1 - 2	0.027	60.22	0.03	1.63
Totals:	--	31,248	--	--	1,157.33	--	4,112.89
Volume-Weighted Average:							3.55

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-1-SB-6	64	5	2 - 3	0.098	0.18	0.10	0.02
RA-2-SB-1	141	3,310	2 - 3	0.192	122.60	0.19	23.54
RA-2-SB-2	280	3,988	2 - 3	1.7	147.70	1.70	251.09
RA-2-SB-3	143	3,501	2 - 3	0.054	129.67	0.05	7.00
RA-2-SB-4	281	2,647	2 - 3	0.36	98.04	0.36	35.29
RA-2-SB-5	66	2,994	2 - 3	0.0185	110.88	0.02	2.05
RA-2-SB-6	282	2,859	2 - 3	0.39	105.87	0.39	41.29
RA-2-SB-7	144	1,883	2 - 3	0.019	69.75	0.02	1.33
RA-2-SB-8	283	2,875	2 - 3	31	106.50	31.00	3,301.41
RA-2-SB-9	21	3,117	2 - 3	0.043	115.46	0.04	4.96
RA-2-SB-10	279	2,443	2 - 3	4.9	90.47	4.90	443.28
RA-2-SB-11	34, 35A	1,626	2 - 3	0.027	60.22	0.03	1.63
Totals:	--	31,248	--	--	1,157.33	--	4,112.89
Volume-Weighted Average:							3.55

SUMMARY: 1- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	31,248	--	--	2,314.66	--	8,225.78
Volume-Weighted Average:							3.55

Notes:

1. Polygon ID and area based on information shown on Figures D-54 through D-55.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-97
POST-REMEDATION CONDITIONS
RECREATIONAL AREA-2 (RA-2): 0- TO 1-FOOT DEPTH INCREMENT (BANK**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-1-SB-6	390	5	0 - 0.5	1.36	0.09	1.36	0.13
RA-2-SB-1	392	2,683	0 - 0.5	0.65	49.68	0.65	32.29
RA-2-SB-3	234	3,271	0 - 0.5	0.06	60.58	0.06	3.63
RA-2-SB-4	396	2,647	0 - 0.5	0.31	49.02	0.31	15.20
RA-2-SB-5	148	2,994	0 - 0.5	0.0195	55.44	0.02	1.08
RA-2-SB-6	397	2,859	0 - 0.5	0.095	52.94	0.10	5.03
RA-2-SB-7	235	1,781	0 - 0.5	0.058	32.98	0.06	1.91
RA-2-SB-9	398	3,048	0 - 0.5	0.091	56.45	0.09	5.14
RA-2-SB-10	108	2,443	0 - 0.5	1.3	45.23	1.30	58.80
RA-2-SB-11	394	1,252	0 - 0.5	0.36	23.19	0.36	8.35
RA-2-SB-11	394A	374	0 - 0.5	0.021	6.93	0.02	0.15
SLB-2 Bottom Bank	247	796	0 - 0.5	0.42	14.74	0.42	6.19
SLB-2 Middle Bank	423	1,198	0 - 0.5	0.093	22.19	0.09	2.06
SLB-2 Top Bank	111	2,851	0 - 0.5	0.64	52.80	0.64	33.79
SLB-6 Bottom Bank	429	1,118	0 - 0.5	0.196	20.70	0.20	4.06
SLB-6 Middle Bank	251	866	0 - 0.5	1.17	16.04	1.17	18.77
SLB-6 Top Bank	430	1,062	0 - 0.5	0.074	19.67	0.07	1.46
Totals:	--	31,248	--	--	578.66	--	198.03
Volume-Weighted Average:							0.34

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-1-SB-6	150	5	0.5 - 1	1.36	0.09	1.36	0.13
RA-2-SB-1	235	2,683	0.5 - 1	0.65	49.68	0.65	32.29
RA-2-SB-3	392	3,271	0.5 - 1	0.06	60.58	0.06	3.63
RA-2-SB-4	237	2,647	0.5 - 1	0.31	49.02	0.31	15.20
RA-2-SB-5	393	2,994	0.5 - 1	0.0195	55.44	0.02	1.08
RA-2-SB-6	152	2,859	0.5 - 1	0.095	52.94	0.10	5.03
RA-2-SB-7	394	1,781	0.5 - 1	0.058	32.98	0.06	1.91
RA-2-SB-9	238	3,048	0.5 - 1	0.091	56.45	0.09	5.14
RA-2-SB-10	391	2,443	0.5 - 1	1.3	45.23	1.30	58.80
RA-2-SB-11	105	1,252	0.5 - 1	0.36	23.18	0.36	8.34
RA-2-SB-11	105A	374	0.5 - 1	0.021	6.93	0.02	0.15
SLB-2 Bottom Bank	417	796	0.5 - 1	0.96	14.74	0.96	14.15
SLB-2 Middle Bank	158	1,198	0.5 - 1	0.151	22.19	0.15	3.35
SLB-2 Top Bank	418	2,851	0.5 - 1	1.28	52.80	1.28	67.58
SLB-6 Bottom Bank	254	1,118	0.5 - 1	0.76	20.70	0.76	15.73
SLB-6 Middle Bank	425	866	0.5 - 1	2.79	16.04	2.79	44.75
SLB-6 Top Bank	73	1,062	0.5 - 1	1.56	19.67	1.56	30.69
Totals:	--	31,248	--	--	578.66	--	307.96
Volume-Weighted Average:							0.53

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	31,248	--	--	1,157.32	--	505.99
Volume-Weighted Average:							0.44

Notes:

1. Polygon ID and area based on information shown on Figures D-52 and D-53.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-97A
POST-REMEDATION CONDITIONS
RECREATIONAL AREA-2 (RA-2): 0- TO 3-FOOT DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE D-97)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	31,248	--	--	1,157.32	--	505.99
Volume-Weighted Average:							0.44

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-1-SB-6	275	5	1 - 2	0.098	0.18	0.10	0.02
RA-2-SB-1	277	3,310	1 - 2	0.192	122.60	0.19	23.54
RA-2-SB-2	71	3,988	1 - 2	1.7	147.70	1.70	251.09
RA-2-SB-3	281	3,501	1 - 2	0.054	129.67	0.05	7.00
RA-2-SB-4	142	2,647	1 - 2	0.36	98.04	0.36	35.29
RA-2-SB-5	282	2,994	1 - 2	0.0185	110.88	0.02	2.05
RA-2-SB-6	36	2,859	1 - 2	0.39	105.87	0.39	41.29
RA-2-SB-7	283	1,883	1 - 2	0.019	69.75	0.02	1.33
RA-2-SB-8	143	2,875	1 - 2	31	106.50	31.00	3,301.41
RA-2-SB-9	284	3,117	1 - 2	0.043	115.46	0.04	4.96
RA-2-SB-10	141	2,443	1 - 2	4.9	90.47	4.90	443.28
RA-2-SB-11	279	1,252	1 - 2	0.027	46.37	0.03	1.25
RA-2-SB-11	279A	374	1 - 2	0.021	13.85	0.02	0.29
Totals:	--	31,248	--	--	1,157.33	--	4,112.81
Volume-Weighted Average:							3.55

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-1-SB-6	64	5	2 - 3	0.098	0.18	0.10	0.02
RA-2-SB-1	141	3,310	2 - 3	0.192	122.60	0.19	23.54
RA-2-SB-2	280	3,988	2 - 3	1.7	147.70	1.70	251.09
RA-2-SB-3	143	3,501	2 - 3	0.054	129.67	0.05	7.00
RA-2-SB-4	281	2,647	2 - 3	0.36	98.04	0.36	35.29
RA-2-SB-5	66	2,994	2 - 3	0.0185	110.88	0.02	2.05
RA-2-SB-6	282	2,859	2 - 3	0.39	105.87	0.39	41.29
RA-2-SB-7	144	1,883	2 - 3	0.019	69.75	0.02	1.33
RA-2-SB-8	283	2,875	2 - 3	31	106.50	31.00	3,301.41
RA-2-SB-9	21	3,117	2 - 3	0.043	115.46	0.04	4.96
RA-2-SB-10	279	2,443	2 - 3	4.9	90.47	4.90	443.28
RA-2-SB-11	34	1,252	2 - 3	0.027	46.37	0.03	1.25
RA-2-SB-11	35A	374	2 - 3	0.021	13.85	0.02	0.29
Totals:	--	31,248	--	--	1,157.33	--	4,112.81
Volume-Weighted Average:							3.55

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	31,248	--	--	3,471.98	--	8,731.61
Volume-Weighted Average:							2.51

Notes:

1. Polygon ID and area based on information shown on Figures D-54 through D-55.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-98
POST-REMEDATION CONDITIONS
RECREATIONAL AREA-2 (RA-2): 1- TO 3-FOOT DEPTH INCREMENT (BANK**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-1-SB-6	275	5	1 - 2	0.098	0.18	0.10	0.02
RA-2-SB-1	277	3,310	1 - 2	0.192	122.60	0.19	23.54
RA-2-SB-2	71	3,988	1 - 2	1.7	147.70	1.70	251.09
RA-2-SB-3	281	3,501	1 - 2	0.054	129.67	0.05	7.00
RA-2-SB-4	142	2,647	1 - 2	0.36	98.04	0.36	35.29
RA-2-SB-5	282	2,994	1 - 2	0.0185	110.88	0.02	2.05
RA-2-SB-6	36	2,859	1 - 2	0.39	105.87	0.39	41.29
RA-2-SB-7	283	1,883	1 - 2	0.019	69.75	0.02	1.33
RA-2-SB-8	143	2,875	1 - 2	31	106.50	31.00	3,301.41
RA-2-SB-9	284	3,117	1 - 2	0.043	115.46	0.04	4.96
RA-2-SB-10	141	2,443	1 - 2	4.9	90.47	4.90	443.28
RA-2-SB-11	279	1,252	1 - 2	0.027	46.37	0.03	1.25
RA-2-SB-11	279A	374	1 - 2	0.021	13.85	0.02	0.29
Totals:	--	31,248	--	--	1,157.33	--	4,112.81
						Volume-Weighted Average:	3.55

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-1-SB-6	64	5	2 - 3	0.098	0.18	0.10	0.02
RA-2-SB-1	141	3,310	2 - 3	0.192	122.60	0.19	23.54
RA-2-SB-2	280	3,988	2 - 3	1.7	147.70	1.70	251.09
RA-2-SB-3	143	3,501	2 - 3	0.054	129.67	0.05	7.00
RA-2-SB-4	281	2,647	2 - 3	0.36	98.04	0.36	35.29
RA-2-SB-5	66	2,994	2 - 3	0.0185	110.88	0.02	2.05
RA-2-SB-6	282	2,859	2 - 3	0.39	105.87	0.39	41.29
RA-2-SB-7	144	1,883	2 - 3	0.019	69.75	0.02	1.33
RA-2-SB-8	283	2,875	2 - 3	31	106.50	31.00	3,301.41
RA-2-SB-9	21	3,117	2 - 3	0.043	115.46	0.04	4.96
RA-2-SB-10	279	2,443	2 - 3	4.9	90.47	4.90	443.28
RA-2-SB-11	34	1,252	2 - 3	0.027	46.37	0.03	1.25
RA-2-SB-11	35A	374	2 - 3	0.021	13.85	0.02	0.29
Totals:	--	31,248	--	--	1,157.33	--	4,112.81
						Volume-Weighted Average:	3.55

SUMMARY: 1- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	31,248	--	--	2,314.66	--	8,225.62
						Volume-Weighted Average:	3.55

Notes:

1. Polygon ID and area based on information shown on Figures D-54 through D-55.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

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Recreational Area RA-3

**TABLE D-99
EXISTING CONDITIONS
RECREATIONAL AREA-3 (RA-3): 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-2-SB-11	395	599	0 - 0.5	0.36	11.09	0.36	3.99
RA-3-SB-1	86	1,937	0 - 0.5	2.6	35.86	2.60	93.25
RA-3-SB-2	402, 402A	1,783	0 - 0.5	0.27	33.01	0.27	8.91
RA-3-SB-3	109	1,890	0 - 0.5	84	35.01	84.00	2,940.42
RA-3-SB-4	403	1,266	0 - 0.5	0.075	23.45	0.08	1.76
RA-3-SB-4-S	403A	1,461	0 - 0.5	0.93	27.05	0.93	25.16
RA-3-SB-5	238	1,072	0 - 0.5	101	19.85	101.00	2,005.34
RA-3-SB-5-N	238A	1,624	0 - 0.5	0.174	30.07	0.17	5.23
RA-3-SB-6	404	1,074	0 - 0.5	0.52	19.90	0.52	10.35
RA-3-SB-6-S	404A	1,102	0 - 0.5	610	20.41	610.00	12,448.29
RA-3-SB-7	150	945	0 - 0.5	2.3	17.50	2.30	40.24
RA-3-SB-7-N	150A	1,132	0 - 0.5	0.076	20.95	0.08	1.59
RA-3-SB-8	59A, 405, 405A, 405D	903	0 - 0.5	0.68	16.71	0.68	11.37
RA-3-SB-8-S	59, 405B, 405C	780	0 - 0.5	20	14.44	20.00	288.76
RA-3-SB-9	239	1,697	0 - 0.5	36	31.43	36.00	1,131.61
RA-3-SB-10	399B, 399C	732	0 - 0.5	0.41	13.55	0.41	5.55
RA-3-SB-11	236A, 236B	874	0 - 0.5	1.65	16.19	1.65	26.71
RA-3-SB-12	400	2,453	0 - 0.5	3.7	45.43	3.70	168.10
RA-3-SB-13	149	3,323	0 - 0.5	0.063	61.54	0.06	3.88
RA-3-SB-14	58, 401	2,390	0 - 0.5	4.1	44.27	4.10	181.50
RA-3-SB-15	237	1,129	0 - 0.5	0.018	20.90	0.02	0.38
RA-4-SB-1	407	369	0 - 0.5	0.72	6.83	0.72	4.92
SL-BH001466	399, 399A	1,551	0 - 0.5	610	28.72	610.00	17,517.51
SL-BH001467	236, 236C	1,370	0 - 0.5	50	25.37	50.00	1,268.68
SLB-3 Bottom Bank	65, 424	1,232	0 - 0.5	250	22.82	250.00	5,703.94
SLB-3 Middle Bank	248, 248A, 248B, 248C	1,022	0 - 0.5	15.05	18.92	15.05	284.77
SLB-9 Bottom Bank	434	230	0 - 0.5	69	4.26	69.00	293.90
SLB-9 Top Bank	252	642	0 - 0.5	9.7	11.89	9.70	115.30
SLB-9 Top Bank-12	435	605	0 - 0.5	0.92	11.21	0.92	10.31
Totals:	--	37,186	--	--	688.63	--	44,601.71
Volume-Weighted Average:							64.77

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-2-SB-11	106	599	0.5 - 1	0.36	11.09	0.36	3.99
RA-3-SB-1	395	1,937	0.5 - 1	2.6	35.86	2.60	93.25
RA-3-SB-2	240, 240A	1,783	0.5 - 1	0.27	33.01	0.27	8.91
RA-3-SB-3	399	1,890	0.5 - 1	84	35.00	84.00	2,940.28
RA-3-SB-4	107	1,266	0.5 - 1	0.075	23.45	0.08	1.76
RA-3-SB-4-S	107A	1,461	0.5 - 1	0.93	27.05	0.93	25.16
RA-3-SB-5	400	1,072	0.5 - 1	101	19.85	101.00	2,005.34
RA-3-SB-5-N	400A	1,624	0.5 - 1	0.174	30.07	0.17	5.23
RA-3-SB-6	241A	1,074	0.5 - 1	0.52	19.90	0.52	10.35
RA-3-SB-6-S	241	1,102	0.5 - 1	610	20.41	610.00	12,448.29
RA-3-SB-7	401	945	0.5 - 1	2.3	17.50	2.30	40.24
RA-3-SB-7-N	401A	1,132	0.5 - 1	0.076	20.95	0.08	1.59
RA-3-SB-8	17A, 154, 154C, 154D	903	0.5 - 1	0.68	16.71	0.68	11.37
RA-3-SB-8-S	17, 154A, 154B	780	0.5 - 1	20	14.44	20.00	288.76
RA-3-SB-9	402	1,697	0.5 - 1	36	31.43	36.00	1,131.61
RA-3-SB-10	83B, 83C	732	0.5 - 1	0.41	13.55	0.41	5.55
RA-3-SB-11	396A, 396B	874	0.5 - 1	1.65	16.19	1.65	26.71
RA-3-SB-12	239	2,453	0.5 - 1	3.7	45.43	3.70	168.10
RA-3-SB-13	397	3,323	0.5 - 1	0.063	61.54	0.06	3.88
RA-3-SB-14	16, 153	2,514	0.5 - 1	4.1	46.55	4.10	190.86
RA-3-SB-15	398	2,191	0.5 - 1	0.018	40.57	0.02	0.73
RA-4-SB-1	243	660	0.5 - 1	0.72	12.23	0.72	8.81
SL-BH001466	83, 83A	1,551	0.5 - 1	610	28.72	610.00	17,517.51
SL-BH001467	396, 396C	1,370	0.5 - 1	50	25.37	50.00	1,268.68
SLB-3 Bottom Bank	35, 252	1,232	0.5 - 1	52	22.82	52.00	1,186.42
SLB-3 Middle Bank	419, 419A, 419B, 419C	1,022	0.5 - 1	6.72	18.92	6.72	127.15
Totals:	--	37,186	--	--	688.63	--	39,520.53
Volume-Weighted Average:							57.39

**TABLE D-99
EXISTING CONDITIONS
RECREATIONAL AREA-3 (RA-3): 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	37,186	--	--	1,377.26	--	84,122.24
Volume-Weighted Average:							61.08

Notes:

1. Polygon ID and area based on information shown on Figures D-52 and D-53.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-99A
EXISTING CONDITIONS
RECREATIONAL AREA-3 (RA-3): 0- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE D-99)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	37,186	--	--	1,377.26	--	84,122.24
Volume-Weighted Average:							61.08

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-2-SB-11	280	599	1 - 2	0.027	22.19	0.03	0.60
RA-3-SB-1	72	1,937	1 - 2	693	71.73	693.00	49,707.83
RA-3-SB-2	288, 288A	1,783	1 - 2	0.019	66.03	0.02	1.25
RA-3-SB-3	73	1,890	1 - 2	45	70.01	45.00	3,150.30
RA-3-SB-4	289	1,266	1 - 2	0.0185	46.90	0.02	0.87
RA-3-SB-4-S	289A	1,461	1 - 2	126	54.10	126.00	6,816.97
RA-3-SB-5	146	1,072	1 - 2	361	39.71	361.00	14,335.18
RA-3-SB-5-N	146A	1,624	1 - 2	0.0185	60.13	0.02	1.11
RA-3-SB-6	290A	1,074	1 - 2	0.029	39.79	0.03	1.15
RA-3-SB-6-S	290	1,102	1 - 2	430	40.81	430.00	17,550.05
RA-3-SB-7	37	945	1 - 2	760	34.99	760.00	26,595.21
RA-3-SB-7-N	37A	1,132	1 - 2	0.0205	41.91	0.02	0.86
RA-3-SB-8	291, 291A	903	1 - 2	0.028	33.43	0.03	0.94
RA-3-SB-8-S	291B, 291C	780	1 - 2	210	28.88	210.00	6,064.02
RA-3-SB-9	147	1,697	1 - 2	2,850	62.87	2,850.00	179,171.06
RA-3-SB-10	285B, 285C	732	1 - 2	0.08	27.09	0.08	2.17
RA-3-SB-11	144	874	1 - 2	0.32	32.38	0.32	10.36
RA-3-SB-12	286	2,453	1 - 2	0.02	90.87	0.02	1.82
RA-3-SB-13	22	3,323	1 - 2	0.018	123.07	0.02	2.22
RA-3-SB-14	287	2,514	1 - 2	8	93.10	8.00	744.81
RA-3-SB-15	145	2,191	1 - 2	0.018	81.15	0.02	1.46
RA-4-SB-1	293	660	1 - 2	0.0205	24.46	0.02	0.50
SL-BH001466	285, 285A	1,579	1 - 2	810	58.50	810.00	47,382.90
SL-BH001467	144A	1,370	1 - 2	5.7	50.75	5.70	289.26
SLB-3 Bottom Bank	304	2,225	1 - 2	69	82.41	69.00	5,686.42
Totals:	--	37,186	--	--	1,377.25	--	357,519.33
Volume-Weighted Average:							259.59

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-2-SB-11	35	599	2 - 3	0.027	22.19	0.03	0.60
RA-3-SB-1	284	1,937	2 - 3	693	71.73	693.00	49,707.83
RA-3-SB-2	36, 36A	1,783	2 - 3	0.019	66.03	0.02	1.25
RA-3-SB-3	288	1,890	2 - 3	45	70.01	45.00	3,150.30
RA-3-SB-4	147	1,266	2 - 3	0.0185	46.90	0.02	0.87
RA-3-SB-4-S	147A	1,461	2 - 3	126	54.10	126.00	6,816.97
RA-3-SB-5	289	1,072	2 - 3	361	39.71	361.00	14,335.18
RA-3-SB-5-N	289A	1,624	2 - 3	0.0185	60.13	0.02	1.11
RA-3-SB-6	68A	1,074	2 - 3	0.029	39.79	0.03	1.15
RA-3-SB-6-S	68	1,102	2 - 3	430	40.81	430.00	17,550.05
RA-3-SB-7	290	945	2 - 3	760	34.99	760.00	26,595.21
RA-3-SB-7-N	290A	1,132	2 - 3	0.0205	41.91	0.02	0.86
RA-3-SB-8	148A, 148B	903	2 - 3	0.028	33.43	0.03	0.94
RA-3-SB-8-S	148, 148C	780	2 - 3	210	28.88	210.00	6,064.02
RA-3-SB-9	291	1,697	2 - 3	2,850	62.87	2,850.00	179,171.06
RA-3-SB-10	145A, 145B	732	2 - 3	0.08	27.09	0.08	2.17
RA-3-SB-11	285	874	2 - 3	0.32	32.38	0.32	10.36
RA-3-SB-12	67, 67A	2,453	2 - 3	0.02	90.87	0.02	1.82
RA-3-SB-13	286	3,323	2 - 3	0.018	123.07	0.02	2.22
RA-3-SB-14	146	2,514	2 - 3	8	93.10	8.00	744.81
RA-3-SB-15	287	2,191	2 - 3	0.018	81.15	0.02	1.46
RA-4-SB-1	11	660	2 - 3	0.0205	24.46	0.02	0.50
SL-BH001466	145, 145C	1,579	3 - 4	810	58.50	810.00	47,382.90
SL-BH001467	285A	1,370	3 - 4	5.7	50.75	5.70	289.26
SLB-3 Bottom Bank	72	2,225	3 - 4	62.5	82.41	62.50	5,150.74
Totals:	--	37,186	--	--	1,377.25	--	356,983.65
Volume-Weighted Average:							259.20

**TABLE D-99A
EXISTING CONDITIONS
RECREATIONAL AREA-3 (RA-3): 0- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	37,186	--	--	4,131.76	--	798,625.21
Volume-Weighted Average:							193.29

Notes:

1. Polygon ID and area based on information shown on Figures D-54 through D-55.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-100
EXISTING CONDITIONS
RECREATIONAL AREA-3 (RA-3): 1- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-2-SB-11	280	599	1 - 2	0.027	22.19	0.03	0.60
RA-3-SB-1	72	1,937	1 - 2	693	71.73	693.00	49,707.83
RA-3-SB-2	288	1,783	1 - 2	0.019	66.03	0.02	1.25
RA-3-SB-3	73	1,890	1 - 2	45	70.01	45.00	3,150.30
RA-3-SB-4	289	1,266	1 - 2	0.0185	46.90	0.02	0.87
RA-3-SB-4-S	289A	1,461	1 - 2	126	54.10	126.00	6,816.97
RA-3-SB-5	146	1,072	1 - 2	361	39.71	361.00	14,335.18
RA-3-SB-5-N	146A	1,624	1 - 2	0.0185	60.13	0.02	1.11
RA-3-SB-6	290A	1,074	1 - 2	0.029	39.79	0.03	1.15
RA-3-SB-6-S	290	1,102	1 - 2	430	40.81	430.00	17,550.05
RA-3-SB-7	37	945	1 - 2	760	34.99	760.00	26,595.21
RA-3-SB-7-N	37A	1,132	1 - 2	0.0205	41.91	0.02	0.86
RA-3-SB-8	291, 291A	903	1 - 2	0.028	33.43	0.03	0.94
RA-3-SB-8-S	291B, 291C	780	1 - 2	210	28.88	210.00	6,064.02
RA-3-SB-9	147	1,697	1 - 2	2,850	62.87	2,850.00	179,171.06
RA-3-SB-10	285B, 285C	732	1 - 2	0.08	27.09	0.08	2.17
RA-3-SB-11	144, 144B	874	1 - 2	0.32	32.38	0.32	10.36
RA-3-SB-12	286	2,453	1 - 2	0.02	90.87	0.02	1.82
RA-3-SB-13	22	3,323	1 - 2	0.018	123.07	0.02	2.22
RA-3-SB-14	287	2,514	1 - 2	8	93.10	8.00	744.81
RA-3-SB-15	145	2,191	1 - 2	0.018	81.15	0.02	1.46
RA-4-SB-1	293	660	1 - 2	0.0205	24.46	0.02	0.50
SL-BH001466	285, 285A	1,579	1 - 2	810	58.50	810.00	47,382.90
SL-BH001467	144A, 144C	1,370	1 - 2	5.7	50.75	5.70	289.26
SLB-3 Bottom Bank	304	2,225	1 - 2	69	82.41	69.00	5,686.42
Totals:	--	37,186	--	--	1,377.25	--	357,519.32
Volume-Weighted Average:							259.59

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-2-SB-11	35	599	2 - 3	0.027	22.19	0.03	0.60
RA-3-SB-1	284	1,937	2 - 3	693	71.73	693.00	49,707.83
RA-3-SB-2	36	1,783	2 - 3	0.019	66.03	0.02	1.25
RA-3-SB-3	288	1,890	2 - 3	45	70.01	45.00	3,150.30
RA-3-SB-4	147	1,266	2 - 3	0.0185	46.90	0.02	0.87
RA-3-SB-4-S	147A	1,461	2 - 3	126	54.10	126.00	6,816.97
RA-3-SB-5	289	1,072	2 - 3	361	39.71	361.00	14,335.18
RA-3-SB-5-N	289A	1,624	2 - 3	0.0185	60.13	0.02	1.11
RA-3-SB-6	68A	1,074	2 - 3	0.029	39.79	0.03	1.15
RA-3-SB-6-S	68	1,102	2 - 3	430	40.81	430.00	17,550.05
RA-3-SB-7	290	945	2 - 3	760	34.99	760.00	26,595.21
RA-3-SB-7-N	290A	1,132	2 - 3	0.0205	41.91	0.02	0.86
RA-3-SB-8	148A, 148B	903	2 - 3	0.028	33.43	0.03	0.94
RA-3-SB-8-S	148, 148C	780	2 - 3	210	28.88	210.00	6,064.02
RA-3-SB-9	291	1,697	2 - 3	2,850	62.87	2,850.00	179,171.06
RA-3-SB-10	145A, 145B	732	2 - 3	0.08	27.09	0.08	2.17
RA-3-SB-11	285, 285B	874	2 - 3	0.32	32.38	0.32	10.36
RA-3-SB-12	67	2,453	2 - 3	0.02	90.87	0.02	1.82
RA-3-SB-13	286	3,323	2 - 3	0.018	123.07	0.02	2.22
RA-3-SB-14	146	2,514	2 - 3	8	93.10	8.00	744.81
RA-3-SB-15	287	2,191	2 - 3	0.018	81.15	0.02	1.46
RA-4-SB-1	11	660	2 - 3	0.0205	24.46	0.02	0.50
SL-BH001466	145, 145C	1,579	3 - 4	810	58.50	810.00	47,382.90
SL-BH001467	285A, 285C	1,370	3 - 4	5.7	50.75	5.70	289.26
SLB-3 Bottom Bank	72	2,225	3 - 4	62.5	82.41	62.50	5,150.74
Totals:	--	37,186	--	--	1,377.25	--	356,983.65
Volume-Weighted Average:							259.20

**TABLE D-100
EXISTING CONDITIONS
RECREATIONAL AREA-3 (RA-3): 1- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 1- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	37,186	--	--	2,754.51	--	714,502.97
Volume-Weighted Average:							259.39

Notes:

1. Polygon ID and area based on information shown on Figures D-54 through D-55.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-101
POST-REMEDIATION CONDITIONS
RECREATIONAL AREA-3 (RA-3): 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-2-SB-11	395	599	0 - 0.5	0.021	11.09	0.02	0.23
RA-3-SB-1	86	1,937	0 - 0.5	0.021	35.86	0.02	0.75
RA-3-SB-2	402	683	0 - 0.5	0.021	12.64	0.02	0.27
RA-3-SB-2	402A	1,100	0 - 0.5	0.27	20.37	0.27	5.50
RA-3-SB-3	109	1,890	0 - 0.5	84	35.00	84.00	2,940.28
RA-3-SB-4	403	1,266	0 - 0.5	0.075	23.45	0.08	1.76
RA-3-SB-4-S	403A	1,461	0 - 0.5	0.021	27.05	0.02	0.57
RA-3-SB-5	238	1,072	0 - 0.5	0.021	19.85	0.02	0.42
RA-3-SB-5-N	238A	1,624	0 - 0.5	0.174	30.07	0.17	5.23
RA-3-SB-6	404	1,074	0 - 0.5	0.52	19.90	0.52	10.35
RA-3-SB-6-S	404A	1,102	0 - 0.5	0.021	20.41	0.02	0.43
RA-3-SB-7	150	945	0 - 0.5	0.021	17.50	0.02	0.37
RA-3-SB-7-N	150A	1,132	0 - 0.5	0.076	20.95	0.08	1.59
RA-3-SB-8	59A, 405	329	0 - 0.5	0.68	6.08	0.68	4.14
RA-3-SB-8	405A, 405D	574	0 - 0.5	0.021	10.63	0.02	0.22
RA-3-SB-8-S	59, 405B, 405C	780	0 - 0.5	0.021	14.44	0.02	0.30
RA-3-SB-9	239	1,697	0 - 0.5	0.021	31.43	0.02	0.66
RA-3-SB-10	399B	288	0 - 0.5	0.021	5.34	0.02	0.11
RA-3-SB-10	399C	443	0 - 0.5	0.41	8.21	0.41	3.37
RA-3-SB-11	236A	636	0 - 0.5	0.021	11.77	0.02	0.25
RA-3-SB-11	236B	239	0 - 0.5	1.65	4.42	1.65	7.29
RA-3-SB-12	400	2,453	0 - 0.5	0.021	45.44	0.02	0.95
RA-3-SB-13	149	3,323	0 - 0.5	0.021	61.54	0.02	1.29
RA-3-SB-14	58, 401	2,390	0 - 0.5	0.021	44.27	0.02	0.93
RA-3-SB-15	237	1,129	0 - 0.5	0.021	20.90	0.02	0.44
RA-4-SB-1	407	369	0 - 0.5	0.021	6.83	0.02	0.14
SL-BH001466	399, 399A	1,551	0 - 0.5	0.021	28.72	0.02	0.60
SL-BH001467	236	1,248	0 - 0.5	50	23.11	50.00	1,155.68
SL-BH001467	236C	122	0 - 0.5	0.021	2.26	0.02	0.05
SLB-3 Bottom Bank	65, 424	1,232	0 - 0.5	0.021	22.82	0.02	0.48
SLB-3 Middle Bank	248, 248A	993	0 - 0.5	15.05	18.39	15.05	276.77
SLB-3 Middle Bank	248B, 248C	29	0 - 0.5	0.021	0.54	0.02	0.01
SLB-9 Bottom Bank	434	230	0 - 0.5	0.021	4.26	0.02	0.09
SLB-9 Top Bank	252	642	0 - 0.5	0.021	11.89	0.02	0.25
SLB-9 Top Bank-12	435	605	0 - 0.5	0.021	11.21	0.02	0.24
Totals:	--	37,186	--	--	688.63	--	4,422.01
Volume-Weighted Average:							6.42

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-2-SB-11	106	599	0.5 - 1	0.021	11.09	0.02	0.23
RA-3-SB-1	395	1,937	0.5 - 1	0.021	35.86	0.02	0.75
RA-3-SB-2	240	1,100	0.5 - 1	0.27	20.37	0.27	5.50
RA-3-SB-2	240A	683	0.5 - 1	0.021	12.64	0.02	0.27
RA-3-SB-3	399	1,890	0.5 - 1	84	35.00	84.00	2,940.28
RA-3-SB-4	107	1,266	0.5 - 1	0.075	23.45	0.08	1.76
RA-3-SB-4-S	107A	1,461	0.5 - 1	0.021	27.05	0.02	0.57
RA-3-SB-5	400	1,072	0.5 - 1	0.021	19.85	0.02	0.42
RA-3-SB-5-N	400A	1,624	0.5 - 1	0.174	30.07	0.17	5.23
RA-3-SB-6	241A	1,074	0.5 - 1	0.52	19.90	0.52	10.35
RA-3-SB-6-S	241	1,102	0.5 - 1	0.021	20.41	0.02	0.43
RA-3-SB-7	401	945	0.5 - 1	0.021	17.50	0.02	0.37
RA-3-SB-7-N	401A	1,132	0.5 - 1	0.076	20.95	0.08	1.59
RA-3-SB-8	17A, 154	329	0.5 - 1	0.68	6.08	0.68	4.14
RA-3-SB-8	154C, 154D	574	0.5 - 1	0.021	10.63	0.02	0.22
RA-3-SB-8-S	17, 154A, 154B	780	0.5 - 1	0.021	14.44	0.02	0.30
RA-3-SB-9	402	1,697	0.5 - 1	0.021	31.43	0.02	0.66
RA-3-SB-10	83B	288	0.5 - 1	0.021	5.34	0.02	0.11
RA-3-SB-10	83C	443	0.5 - 1	0.41	8.21	0.41	3.36
RA-3-SB-11	396A	239	0.5 - 1	1.65	4.42	1.65	7.29
RA-3-SB-11	396B	636	0.5 - 1	0.021	11.77	0.02	0.25
RA-3-SB-12	239	2,453	0.5 - 1	0.021	45.44	0.02	0.95
RA-3-SB-13	397	3,323	0.5 - 1	0.021	61.54	0.02	1.29
RA-3-SB-14	16, 153	2,514	0.5 - 1	0.021	46.55	0.02	0.98
RA-3-SB-15	398	2,191	0.5 - 1	0.021	40.57	0.02	0.85
RA-4-SB-1	243	660	0.5 - 1	0.021	12.23	0.02	0.26
SL-BH001466	83, 83A	1,551	0.5 - 1	0.021	28.72	0.02	0.60
SL-BH001467	396	1,248	0.5 - 1	50	23.11	50.00	1,155.68
SL-BH001467	396C	122	0.5 - 1	0.021	2.26	0.02	0.05
SLB-3 Bottom Bank	35, 252	1,232	0.5 - 1	0.021	22.82	0.02	0.48
SLB-3 Middle Bank	419, 419A	993	0.5 - 1	6.72	18.39	6.72	123.61
SLB-3 Middle Bank	419B, 419C	29	0.5 - 1	0.021	0.54	0.02	0.01
Totals:	--	37,186	--	--	688.63	--	4,268.84
Volume-Weighted Average:							6.20

**TABLE D-101
POST-REMEDATION CONDITIONS
RECREATIONAL AREA-3 (RA-3): 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc., TIMES Total Volume
Totals:	--	37,186	--	--	1,377.25	--	8,690.85
Volume-Weighted Average:							6.31

Notes:

1. Polygon ID and area based on information shown on Figures D-52 and D-53.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

**TABLE D-101A
POST-REMEDIATION CONDITIONS
RECREATIONAL AREA-3 (RA-3): 0- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE D-99)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	37,186	--	--	1,377.25	--	8,690.85
					Volume-Weighted Average: 6.31		

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-2-SB-11	280	599	1 - 2	0.021	22.19	0.02	0.47
RA-3-SB-1	72	1,937	1 - 2	0.021	71.73	0.02	1.51
RA-3-SB-2	288	1,100	1 - 2	0.019	40.75	0.02	0.77
RA-3-SB-2	288A	683	1 - 2	0.021	25.28	0.02	0.53
RA-3-SB-3	73	1,890	1 - 2	45	70.01	45.00	3,150.30
RA-3-SB-4	289	1,266	1 - 2	0.0185	46.90	0.02	0.87
RA-3-SB-4-S	289A	1,461	1 - 2	0.021	54.10	0.02	1.14
RA-3-SB-5	146	1,072	1 - 2	0.021	39.71	0.02	0.83
RA-3-SB-5-N	146A	1,624	1 - 2	0.0185	60.13	0.02	1.11
RA-3-SB-6	290A	1,074	1 - 2	0.029	39.79	0.03	1.15
RA-3-SB-6-S	290	1,102	1 - 2	0.021	40.81	0.02	0.86
RA-3-SB-7	37	945	1 - 2	0.021	34.99	0.02	0.73
RA-3-SB-7-N	37A	1,132	1 - 2	0.0205	41.91	0.02	0.86
RA-3-SB-8	291	370	1 - 2	0.028	13.71	0.03	0.38
RA-3-SB-8	291A	532	1 - 2	0.021	19.72	0.02	0.41
RA-3-SB-8-S	291B, 291C	780	1 - 2	0.021	28.88	0.02	0.61
RA-3-SB-9	147	1,697	1 - 2	0.021	62.87	0.02	1.32
RA-3-SB-10	285B	288	1 - 2	0.021	10.67	0.02	0.22
RA-3-SB-10	285C	443	1 - 2	0.08	16.42	0.08	1.31
RA-3-SB-11	144	874	1 - 2	0.32	32.38	0.32	10.36
RA-3-SB-12	286	2,453	1 - 2	0.021	90.87	0.02	1.91
RA-3-SB-13	22	3,323	1 - 2	0.021	123.07	0.02	2.58
RA-3-SB-14	287	2,514	1 - 2	0.021	93.10	0.02	1.96
RA-3-SB-15	145	2,191	1 - 2	0.021	81.15	0.02	1.70
RA-4-SB-1	293	660	1 - 2	0.021	24.46	0.02	0.51
SL-BH001466	285, 285A	1,579	1 - 2	0.021	58.50	0.02	1.23
SL-BH001467	144A	1,370	1 - 2	5.7	50.75	5.70	289.26
SLB-3 Bottom Bank	304	2,225	1 - 2	69	82.41	69.00	5,686.42
Totals:	--	37,186	--	--	1,377.25	--	9,161.33
					Volume-Weighted Average: 6.65		

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-2-SB-11	35	599	2 - 3	0.021	22.19	0.02	0.47
RA-3-SB-1	284	1,937	2 - 3	0.021	71.73	0.02	1.51
RA-3-SB-2	36	1,100	2 - 3	0.019	40.75	0.02	0.77
RA-3-SB-2	36A	683	2 - 3	0.021	25.28	0.02	0.53
RA-3-SB-3	288	1,890	2 - 3	45	70.01	45.00	3,150.30
RA-3-SB-4	147	1,266	2 - 3	0.0185	46.90	0.02	0.87
RA-3-SB-4-S	147A	1,461	2 - 3	0.021	54.10	0.02	1.14
RA-3-SB-5	289	1,072	2 - 3	0.021	39.71	0.02	0.83
RA-3-SB-5-N	289A	1,624	2 - 3	0.0185	60.13	0.02	1.11
RA-3-SB-6	68A	1,074	2 - 3	0.029	39.79	0.03	1.15
RA-3-SB-6-S	68	1,102	2 - 3	0.021	40.81	0.02	0.86
RA-3-SB-7	290	945	2 - 3	0.021	34.99	0.02	0.73
RA-3-SB-7-N	290A	1,132	2 - 3	0.0205	41.91	0.02	0.86
RA-3-SB-8	148A	370	2 - 3	0.028	13.71	0.03	0.38
RA-3-SB-8	148B	532	2 - 3	0.021	19.72	0.02	0.41
RA-3-SB-8-S	148, 148C	780	2 - 3	0.021	28.88	0.02	0.61
RA-3-SB-9	291	1,697	2 - 3	0.021	62.87	0.02	1.32
RA-3-SB-10	145A	288	2 - 3	0.021	10.67	0.02	0.22
RA-3-SB-10	145B	443	2 - 3	0.08	16.42	0.08	1.31
RA-3-SB-11	285	874	2 - 3	0.32	32.38	0.32	10.36
RA-3-SB-12	67	1,649	2 - 3	0.021	61.08	0.02	1.28
RA-3-SB-12	67A	804	2 - 3	0.02	29.78	0.02	0.60
RA-3-SB-13	286	3,323	2 - 3	0.021	123.07	0.02	2.58
RA-3-SB-14	146	2,514	2 - 3	0.021	93.10	0.02	1.96
RA-3-SB-15	287	2,191	2 - 3	0.021	81.15	0.02	1.70
RA-4-SB-1	11	660	2 - 3	0.021	24.46	0.02	0.51
SL-BH001466	145, 145C	1,579	3 - 4	0.021	58.50	0.02	1.23
SL-BH001467	285A	1,370	3 - 4	5.7	50.75	5.70	289.26
SLB-3 Bottom Bank	72	2,225	3 - 4	62.5	82.41	62.50	5,150.74
Totals:	--	37,186	--	--	1,377.25	--	8,625.62
					Volume-Weighted Average: 6.26		

**TABLE D-101A
POST-REMEDICATION CONDITIONS
RECREATIONAL AREA-3 (RA-3): 0- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	37,186	--	--	4,131.76	--	26,477.80
Volume-Weighted Average:							6.41

Notes:

1. Polygon ID and area based on information shown on Figures D-54 through D-55.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

TABLE D-102
POST-REMEDIATION CONDITIONS
RECREATIONAL AREA-3 (RA-3): 1- TO 3-FOOT DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-2-SB-11	280	599	1 - 2	0.021	22.19	0.02	0.47
RA-3-SB-1	72	1,937	1 - 2	0.021	71.73	0.02	1.51
RA-3-SB-2	288	1,100	1 - 2	0.019	40.75	0.02	0.77
RA-3-SB-2	288A	683	1 - 2	0.021	25.28	0.02	0.53
RA-3-SB-3	73	1,890	1 - 2	45	70.01	45.00	3,150.30
RA-3-SB-4	289	1,266	1 - 2	0.0185	46.90	0.02	0.87
RA-3-SB-4-S	289A	1,461	1 - 2	0.021	54.10	0.02	1.14
RA-3-SB-5	146	1,072	1 - 2	0.021	39.71	0.02	0.83
RA-3-SB-5-N	146A	1,624	1 - 2	0.0185	60.13	0.02	1.11
RA-3-SB-6	290A	1,074	1 - 2	0.029	39.79	0.03	1.15
RA-3-SB-6-S	290	1,102	1 - 2	0.021	40.81	0.02	0.86
RA-3-SB-7	37	945	1 - 2	0.021	34.99	0.02	0.73
RA-3-SB-7-N	37A	1,132	1 - 2	0.0205	41.91	0.02	0.86
RA-3-SB-8	291	370	1 - 2	0.028	13.71	0.03	0.38
RA-3-SB-8	291A	532	1 - 2	0.021	19.72	0.02	0.41
RA-3-SB-8-S	291B, 291C	780	1 - 2	0.021	28.88	0.02	0.61
RA-3-SB-9	147	1,697	1 - 2	0.021	62.87	0.02	1.32
RA-3-SB-10	285B	288	1 - 2	0.021	10.67	0.02	0.22
RA-3-SB-10	285C	443	1 - 2	0.08	16.42	0.08	1.31
RA-3-SB-11	144	874	1 - 2	0.32	32.38	0.32	10.36
RA-3-SB-12	286	2,453	1 - 2	0.021	90.87	0.02	1.91
RA-3-SB-13	22	3,323	1 - 2	0.021	123.07	0.02	2.58
RA-3-SB-14	287	2,514	1 - 2	0.021	93.10	0.02	1.96
RA-3-SB-15	145	2,191	1 - 2	0.021	81.15	0.02	1.70
RA-4-SB-1	293	660	1 - 2	0.021	24.46	0.02	0.51
SL-BH001466	285, 285A	1,579	1 - 2	0.021	58.50	0.02	1.23
SL-BH001467	144A	1,370	1 - 2	5.7	50.75	5.70	289.26
SLB-3 Bottom Bank	304	2,225	1 - 2	69	82.41	69.00	5,686.42
Totals:	--	37,186	--	--	1,377.25	--	9,161.33
Volume-Weighted Average:							6.65

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-2-SB-11	35	599	2 - 3	0.021	22.19	0.02	0.47
RA-3-SB-1	284	1,937	2 - 3	0.021	71.73	0.02	1.51
RA-3-SB-2	36	1,100	2 - 3	0.019	40.75	0.02	0.77
RA-3-SB-2	36A	683	2 - 3	0.021	25.28	0.02	0.53
RA-3-SB-3	288	1,890	2 - 3	45	70.01	45.00	3,150.30
RA-3-SB-4	147	1,266	2 - 3	0.0185	46.90	0.02	0.87
RA-3-SB-4-S	147A	1,461	2 - 3	0.021	54.10	0.02	1.14
RA-3-SB-5	289	1,072	2 - 3	0.021	39.71	0.02	0.83
RA-3-SB-5-N	289A	1,624	2 - 3	0.0185	60.13	0.02	1.11
RA-3-SB-6	68A	1,074	2 - 3	0.029	39.79	0.03	1.15
RA-3-SB-6-S	68	1,102	2 - 3	0.021	40.81	0.02	0.86
RA-3-SB-7	290	945	2 - 3	0.021	34.99	0.02	0.73
RA-3-SB-7-N	290A	1,132	2 - 3	0.0205	41.91	0.02	0.86
RA-3-SB-8	148A	370	2 - 3	0.028	13.71	0.03	0.38
RA-3-SB-8	148B	532	2 - 3	0.021	19.72	0.02	0.41
RA-3-SB-8-S	148, 148C	780	2 - 3	0.021	28.88	0.02	0.61
RA-3-SB-9	291	1,697	2 - 3	0.021	62.87	0.02	1.32
RA-3-SB-10	145A	288	2 - 3	0.021	10.67	0.02	0.22
RA-3-SB-10	145B	443	2 - 3	0.08	16.42	0.08	1.31
RA-3-SB-11	285	874	2 - 3	0.32	32.38	0.32	10.36
RA-3-SB-12	67	1,649	2 - 3	0.021	61.08	0.02	1.28
RA-3-SB-12	67A	804	2 - 3	0.02	29.78	0.02	0.60
RA-3-SB-13	286	3,323	2 - 3	0.021	123.07	0.02	2.58
RA-3-SB-14	146	2,514	2 - 3	0.021	93.10	0.02	1.96
RA-3-SB-15	287	2,191	2 - 3	0.021	81.15	0.02	1.70
RA-4-SB-1	11	660	2 - 3	0.021	24.46	0.02	0.51
SL-BH001466	145, 145C	1,579	3 - 4	0.021	58.50	0.02	1.23
SL-BH001467	285A	1,370	3 - 4	5.7	50.75	5.70	289.26
SLB-3 Bottom Bank	72	2,225	3 - 4	62.5	82.41	62.50	5,150.74
Totals:	--	37,186	--	--	1,377.25	--	8,625.62
Volume-Weighted Average:							6.26

**TABLE D-102
POST-REMEDATION CONDITIONS
RECREATIONAL AREA-3 (RA-3): 1- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	37,186	--	--	2,754.51	--	17,786.95
Volume-Weighted Average:							6.46

Notes:

1. Polygon ID and area based on information shown on Figures D-54 through D-55.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

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Recreational Area RA-4

**TABLE D-103
EXISTING CONDITIONS
RECREATIONAL AREA-4 (RA-4): 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-4-SB-1	406	1,596	0 - 0.5	0.72	29.56	0.72	21.28
RA-4-SB-2	61, 406A, 409	1,547	0 - 0.5	50	28.64	50.00	1,432.24
RA-4-SB-3	151, 151A	934	0 - 0.5	4.7	17.30	4.70	81.33
RA-4-SB-4	62, 410	1,316	0 - 0.5	3.09	24.37	3.09	75.29
RA-4-SB-5	28, 242	1,415	0 - 0.5	12	26.21	12.00	314.49
RA-4-SB-6	63, 411	1,872	0 - 0.5	0.73	34.67	0.73	25.31
RA-4-SB-7	110	2,011	0 - 0.5	0.0205	37.24	0.02	0.76
RA-4-SB-8	412 (see note 5)	528	0 - 0.5	0.021	9.77	0.02	0.21
RA-4-SB-9	243	1,752	0 - 0.5	0.021	32.45	0.02	0.68
RA-4-SB-10	68	1,371	0 - 0.5	12	25.39	12.00	304.64
RA-4-SB-12	408	1,109	0 - 0.5	19.5	20.53	19.50	400.37
RA-4-SB-13	241	704	0 - 0.5	0.89	13.04	0.89	11.60
SLB-4 Bottom Bank	425	317	0 - 0.5	75	5.88	75.00	440.82
SLB-4 Middle Bank	155	697	0 - 0.5	7.6	12.91	7.60	98.15
SLB-4 Top Bank	426	226	0 - 0.5	0.21	4.18	0.21	0.88
SLB-9 Bottom Bank	433	8	0 - 0.5	69	0.14	69.00	9.88
SL-BS-0.50-1	157	717	0 - 0.5	3.6	13.27	3.60	47.78
SL-BS-0.83-1	436	784	0 - 0.5	0.0175	14.52	0.02	0.25
Totals:	--	18,904	--	--	350.08	--	3,265.97
Volume-Weighted Average:							9.33

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-4-SB-1	242, 242A	1,604	0.5 - 1	0.72	29.71	0.72	21.39
RA-4-SB-2	32, 244	1,546	0.5 - 1	50	28.64	50.00	1,431.78
RA-4-SB-3	406, 406A	934	0.5 - 1	4.7	17.30	4.70	81.33
RA-4-SB-4	18, 155	1,316	0.5 - 1	3.09	24.37	3.09	75.29
RA-4-SB-5	62, 407	1,415	0.5 - 1	12	26.21	12.00	314.49
RA-4-SB-6	33, 245	1,872	0.5 - 1	0.73	34.67	0.73	25.31
RA-4-SB-7	408	2,011	0.5 - 1	0.0205	37.24	0.02	0.76
RA-4-SB-8	108 (see note 5)	528	0.5 - 1	0.021	9.77	0.02	0.21
RA-4-SB-9	409	1,752	0.5 - 1	0.021	32.45	0.02	0.68
RA-4-SB-10	403	1,371	0.5 - 1	12	25.39	12.00	304.64
RA-4-SB-12	67	1,109	0.5 - 1	19.5	20.53	19.50	400.37
RA-4-SB-13	405	704	0.5 - 1	0.89	13.04	0.89	11.60
SLB-4 Bottom Bank	109	317	0.5 - 1	20	5.88	20.00	117.55
SLB-4 Middle Bank	420	697	0.5 - 1	13.4	12.91	13.40	173.06
SLB-4 Top Bank	253	226	0.5 - 1	0.1	4.18	0.10	0.42
SL-BS-0.50-1	427	717	0.5 - 1	3.6	13.27	3.60	47.78
SL-BS-0.83-1	161	784	0.5 - 1	0.0175	14.52	0.02	0.25
Totals:	--	18,904	--	--	350.08	--	3,006.91
Volume-Weighted Average:							8.59

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	18,904	--	--	700.15	--	6,272.87
Volume-Weighted Average:							8.96

Notes:

1. Polygon ID and area based on information shown on Figures D-52 and D-53.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material within the polygon associated with RA-4-SB-8 following the performance of removal activities in conjunction with implementation of a pilot study sediment cap constructed in October/November 2006 over a portion of Silver Lake adjacent to Recreational Area 4. The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

**TABLE D-103A
EXISTING CONDITIONS
RECREATIONAL AREA-4 (RA-4): 0- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE D-103)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	18,904	--	--	700.15	--	6,272.87
Volume-Weighted Average:							8.96

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-4-SB-1	292	1,604	1 - 2	0.0205	59.42	0.02	1.22
RA-4-SB-2	10	1,546	1 - 2	10.6	57.27	10.60	607.07
RA-4-SB-3	297, 297A	934	1 - 2	2.44	34.61	2.44	84.44
RA-4-SB-4	149	1,316	1 - 2	1.71	48.73	1.71	83.33
RA-4-SB-5	298	1,415	1 - 2	15	52.41	15.00	786.22
RA-4-SB-6	75	1,751	1 - 2	1.47	64.84	1.47	95.31
RA-4-SB-7	299	1,049	1 - 2	0.36	38.84	0.36	13.98
RA-4-SB-8	150 (see note 5)	494	1 - 2	0.021	18.31	0.02	0.38
RA-4-SB-9	300	1,752	1 - 2	0.81	64.90	0.81	52.57
RA-4-SB-10	74	1,383	1 - 2	1.7	51.21	1.70	87.06
RA-4-SB-11	294	680	1 - 2	0.11	25.20	0.11	2.77
RA-4-SB-12	148	1,106	1 - 2	58	40.98	58.00	2,376.58
RA-4-SB-13	296	704	1 - 2	0.92	26.07	0.92	23.99
SLB-4 Bottom Bank	23	551	1 - 2	1.25	20.40	1.25	25.50
SL-BS-0.50-1	305	703	1 - 2	0.069	26.03	0.07	1.80
SL-BS-0.83-1	154	784	1 - 2	0.076	29.05	0.08	2.21
SL-PILOTBANK-3	299A	1,131	1 - 2	31	41.88	31.00	1,298.43
Totals:	--	18,904	--	--	700.15	--	5,542.87
Volume-Weighted Average:							7.92

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-4-SB-1	10	1,604	2 - 3	0.0205	59.42	0.02	1.22
RA-4-SB-2	294	1,546	2 - 3	10.6	57.27	10.60	607.07
RA-4-SB-3	150, 150A	934	2 - 3	2.44	34.61	2.44	84.44
RA-4-SB-4	295	1,316	2 - 3	1.71	48.73	1.71	83.33
RA-4-SB-5	37	1,415	2 - 3	15	52.41	15.00	786.22
RA-4-SB-6	296	1,751	2 - 3	1.47	64.84	1.47	95.31
RA-4-SB-7	151	1,005	2 - 3	0.36	37.21	0.36	13.40
RA-4-SB-8	297 (see note 5)	459	2 - 3	0.021	17.01	0.02	0.36
RA-4-SB-9	71	1,752	2 - 3	0.81	64.90	0.81	52.57
RA-4-SB-10	292	1,383	2 - 3	1.7	51.21	1.70	87.06
RA-4-SB-11	149	680	2 - 3	0.11	25.20	0.11	2.77
RA-4-SB-12	293	1,106	2 - 3	58	40.98	58.00	2,376.58
RA-4-SB-13	70	704	2 - 3	0.92	26.07	0.92	23.99
SLB-4 Bottom Bank	304	551	2 - 3	0.195	20.40	0.20	3.98
SL-BS-0.50-1	154	660	2 - 3	0.069	24.43	0.07	1.69
SL-BS-0.83-1	305	784	2 - 3	0.076	29.03	0.08	2.21
SL-PILOTBANK-1	151A	519	2 - 3	180	19.20	180.00	3,456.87
SL-PILOTBANK-3	151B	735	2 - 3	31	27.24	31.00	844.29
Totals:	--	18,904	--	--	700.15	--	8,523.35
Volume-Weighted Average:							12.17

**TABLE D-103A
EXISTING CONDITIONS
RECREATIONAL AREA-4 (RA-4): 0- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	18,904	--	--	2,100.46	--	20,339.09
Volume-Weighted Average:							9.68

Notes:

1. Polygon ID and area based on information shown on Figures D-54 through D-55.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material within the polygon associated with RA-4-SB-8 following the performance of removal activities in conjunction with implementation of a pilot study sediment cap constructed in October/November 2006 over a portion of Silver Lake adjacent to Recreational Area 4. The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

**TABLE D-104
EXISTING CONDITIONS
RECREATIONAL AREA-4 (RA-4): 1- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-4-SB-1	292	1,604	1 - 2	0.0205	59.42	0.02	1.22
RA-4-SB-2	10	1,546	1 - 2	10.6	57.27	10.60	607.07
RA-4-SB-3	297, 297A	934	1 - 2	2.44	34.61	2.44	84.44
RA-4-SB-4	149	1,316	1 - 2	1.71	48.73	1.71	83.33
RA-4-SB-5	298	1,415	1 - 2	15	52.41	15.00	786.22
RA-4-SB-6	75	1,751	1 - 2	1.47	64.84	1.47	95.31
RA-4-SB-7	299	1,049	1 - 2	0.36	38.84	0.36	13.98
RA-4-SB-8	150 (see note 5)	494	1 - 2	0.021	18.31	0.02	0.38
RA-4-SB-9	300	1,752	1 - 2	0.81	64.90	0.81	52.57
RA-4-SB-10	74	1,383	1 - 2	1.7	51.21	1.70	87.06
RA-4-SB-11	294	680	1 - 2	0.11	25.20	0.11	2.77
RA-4-SB-12	148	1,106	1 - 2	58	40.98	58.00	2,376.58
RA-4-SB-13	296	704	1 - 2	0.92	26.07	0.92	23.99
SLB-4 Bottom Bank	23	551	1 - 2	1.25	20.40	1.25	25.50
SL-BS-0.50-1	305	703	1 - 2	0.069	26.03	0.07	1.80
SL-BS-0.83-1	154	784	1 - 2	0.076	29.05	0.08	2.21
SL-PILOTBANK-3	299A	1,131	1 - 2	31	41.88	31.00	1,298.43
Totals:	--	18,904	--	--	700.15	--	5,542.87
Volume-Weighted Average:							7.92

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-4-SB-1	10	1,604	2 - 3	0.0205	59.42	0.02	1.22
RA-4-SB-2	294	1,546	2 - 3	10.6	57.27	10.60	607.07
RA-4-SB-3	150, 150A	934	2 - 3	2.44	34.61	2.44	84.44
RA-4-SB-4	295	1,316	2 - 3	1.71	48.73	1.71	83.33
RA-4-SB-5	37	1,415	2 - 3	15	52.41	15.00	786.22
RA-4-SB-6	296	1,751	2 - 3	1.47	64.84	1.47	95.31
RA-4-SB-7	151	1,005	2 - 3	0.36	37.21	0.36	13.40
RA-4-SB-8	297 (see note 5)	459	2 - 3	0.021	17.01	0.02	0.36
RA-4-SB-9	71	1,752	2 - 3	0.81	64.90	0.81	52.57
RA-4-SB-10	292	1,383	2 - 3	1.7	51.21	1.70	87.06
RA-4-SB-11	149	680	2 - 3	0.11	25.20	0.11	2.77
RA-4-SB-12	293	1,106	2 - 3	58	40.98	58.00	2,376.58
RA-4-SB-13	70	704	2 - 3	0.92	26.07	0.92	23.99
SLB-4 Bottom Bank	304	551	2 - 3	0.195	20.40	0.20	3.98
SL-BS-0.50-1	154	660	2 - 3	0.069	24.43	0.07	1.69
SL-BS-0.83-1	305	784	2 - 3	0.076	29.03	0.08	2.21
SL-PILOTBANK-1	151A	519	2 - 3	180	19.20	180.00	3,456.87
SL-PILOTBANK-3	151B	735	2 - 3	31	27.24	31.00	844.29
Totals:	--	18,904	--	--	700.15	--	8,523.35
Volume-Weighted Average:							12.17

SUMMARY: 1- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	18,904	--	--	1,400.31	--	14,066.21
Volume-Weighted Average:							10.05

Notes:

1. Polygon ID and area based on information shown on Figures D-54 through D-55.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material within the polygon associated with RA-4-SB-8 following the performance of removal activities in conjunction with implementation of a pilot study sediment cap constructed in October/November 2006 over a portion of Silver Lake adjacent to Recreational Area 4. The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

**TABLE D-105
POST-REMEDATION CONDITIONS
RECREATIONAL AREA-4 (RA-4): 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-4-SB-1	406	1,596	0 - 0.5	0.021	29.56	0.02	0.62
RA-4-SB-2	61, 406A, 409	1,547	0 - 0.5	0.021	28.64	0.02	0.60
RA-4-SB-3	151	553	0 - 0.5	4.7	10.25	4.70	48.17
RA-4-SB-3	151A	381	0 - 0.5	0.021	7.05	0.02	0.15
RA-4-SB-4	62, 410	1,316	0 - 0.5	3.09	24.37	3.09	75.29
RA-4-SB-5	28, 242	1,415	0 - 0.5	12	26.21	12.00	314.49
RA-4-SB-6	63, 411	1,872	0 - 0.5	0.73	34.67	0.73	25.31
RA-4-SB-7	110	2,011	0 - 0.5	0.0205	37.24	0.02	0.76
RA-4-SB-8	412 (see note 5)	528	0 - 0.5	0.021	9.77	0.02	0.21
RA-4-SB-9	243	1,752	0 - 0.5	0.021	32.45	0.02	0.68
RA-4-SB-10	68	1,371	0 - 0.5	12	25.39	12.00	304.64
RA-4-SB-12	408	1,109	0 - 0.5	19.5	20.53	19.50	400.37
RA-4-SB-13	241	704	0 - 0.5	0.89	13.04	0.89	11.60
SLB-4 Bottom Bank	425	317	0 - 0.5	75	5.88	75.00	440.82
SLB-4 Middle Bank	155	697	0 - 0.5	7.6	12.91	7.60	98.15
SLB-4 Top Bank	426	226	0 - 0.5	0.21	4.18	0.21	0.88
SLB-9 Bottom Bank	433	8	0 - 0.5	0.021	0.14	0.02	0.00
SL-BS-0.50-1	157	717	0 - 0.5	3.6	13.27	3.60	47.78
SL-BS-0.83-1	436	784	0 - 0.5	0.0175	14.52	0.02	0.25
Totals:	--	18,904	--	--	350.08	--	1,770.77
Volume-Weighted Average:							5.06

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-4-SB-1	242, 242A	1,604	0.5 - 1	0.021	29.71	0.02	0.62
RA-4-SB-2	32, 244	1,546	0.5 - 1	0.021	28.64	0.02	0.60
RA-4-SB-3	406	553	0.5 - 1	4.7	10.25	4.70	48.17
RA-4-SB-3	406A	381	0.5 - 1	0.021	7.05	0.02	0.15
RA-4-SB-4	18, 155	1,316	0.5 - 1	3.09	24.37	3.09	75.29
RA-4-SB-5	62, 407	1,415	0.5 - 1	12	26.21	12.00	314.49
RA-4-SB-6	33, 245	1,872	0.5 - 1	0.73	34.67	0.73	25.31
RA-4-SB-7	408	2,011	0.5 - 1	0.0205	37.24	0.02	0.76
RA-4-SB-8	108 (see note 5)	528	0.5 - 1	0.021	9.77	0.02	0.21
RA-4-SB-9	409	1,752	0.5 - 1	0.021	32.45	0.02	0.68
RA-4-SB-10	403	1,371	0.5 - 1	12	25.39	12.00	304.64
RA-4-SB-12	67	1,109	0.5 - 1	19.5	20.53	19.50	400.37
RA-4-SB-13	405	704	0.5 - 1	0.89	13.04	0.89	11.60
SLB-4 Bottom Bank	109	317	0.5 - 1	20	5.88	20.00	117.55
SLB-4 Middle Bank	420	697	0.5 - 1	13.4	12.91	13.40	173.06
SLB-4 Top Bank	253	226	0.5 - 1	0.1	4.18	0.10	0.42
SL-BS-0.50-1	427	717	0.5 - 1	3.6	13.27	3.60	47.78
SL-BS-0.83-1	161	784	0.5 - 1	0.0175	14.52	0.02	0.25
Totals:	--	18,904	--	--	350.08	--	1,521.95
Volume-Weighted Average:							4.35

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	18,904	--	--	700.15	--	3,292.73
Volume-Weighted Average:							4.70

Notes:

- Polygon ID and area based on information shown on Figures D-52 and D-53.
- Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
- For instances where a duplicate sample was available, the average of the samples was included in table.
- All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
- Shaded numbers in bold and italics represent the placement of clean backfill material within the polygon associated with RA-4-SB-8 following the performance of removal activities in conjunction with implementation of a pilot study sediment cap constructed in October/November 2006 over a portion of Silver Lake adjacent to Recreational Area 4. The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

**TABLE D-105A
POST-REMEDATION CONDITIONS
RECREATIONAL AREA-4 (RA-4): 0- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE D-105)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	18,904	--	--	700.15	--	6,272.87
Volume-Weighted Average:							8.96

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-4-SB-1	292	1,604	1 - 2	0.021	59.42	0.02	1.25
RA-4-SB-2	10	1,546	1 - 2	0.021	57.27	0.02	1.20
RA-4-SB-3	297	553	1 - 2	2.44	20.48	2.44	49.97
RA-4-SB-3	297A	381	1 - 2	0.021	14.11	0.02	0.30
RA-4-SB-4	149	1,316	1 - 2	1.71	48.73	1.71	83.33
RA-4-SB-5	298	1,415	1 - 2	15	52.41	15.00	786.22
RA-4-SB-6	75	1,751	1 - 2	1.47	64.84	1.47	95.31
RA-4-SB-7	299	1,049	1 - 2	0.36	38.84	0.36	13.98
RA-4-SB-8	150 (see note 5)	494	1 - 2	0.021	18.31	0.02	0.38
RA-4-SB-9	300	1,752	1 - 2	0.81	64.90	0.81	52.57
RA-4-SB-10	74	1,383	1 - 2	1.7	51.21	1.70	87.06
RA-4-SB-11	294	680	1 - 2	0.11	25.20	0.11	2.77
RA-4-SB-12	148	1,106	1 - 2	58	40.98	58.00	2,376.58
RA-4-SB-13	296	704	1 - 2	0.92	26.07	0.92	23.99
SLB-4 Bottom Bank	23	551	1 - 2	1.25	20.40	1.25	25.50
SL-BS-0.50-1	305	703	1 - 2	0.069	26.03	0.07	1.80
SL-BS-0.83-1	154	784	1 - 2	0.076	29.05	0.08	2.21
SL-PILOTBANK-3	299A	1,131	1 - 2	31	41.89	31.00	1,298.54
Totals:	--	18,904	--	--	700.15	--	4,902.97
Volume-Weighted Average:							7.00

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-4-SB-1	10	1,604	2 - 3	0.021	59.42	0.02	1.25
RA-4-SB-2	294	1,546	2 - 3	0.021	57.27	0.02	1.20
RA-4-SB-3	150	553	2 - 3	2.44	20.50	2.44	50.02
RA-4-SB-3	150A	381	2 - 3	0.021	14.11	0.02	0.30
RA-4-SB-4	295	1,316	2 - 3	1.71	48.73	1.71	83.33
RA-4-SB-5	37	1,415	2 - 3	15	52.41	15.00	786.22
RA-4-SB-6	296	1,751	2 - 3	1.47	64.84	1.47	95.31
RA-4-SB-7	151	1,005	2 - 3	0.36	37.21	0.36	13.40
RA-4-SB-8	297 (see note 5)	459	2 - 3	0.021	17.01	0.02	0.36
RA-4-SB-9	71	1,752	2 - 3	0.81	64.90	0.81	52.57
RA-4-SB-10	292	1,383	2 - 3	1.7	51.21	1.70	87.06
RA-4-SB-11	149	680	2 - 3	0.11	25.20	0.11	2.77
RA-4-SB-12	293	1,106	2 - 3	58	40.98	58.00	2,376.58
RA-4-SB-13	70	704	2 - 3	0.92	26.07	0.92	23.99
SLB-4 Bottom Bank	304	551	2 - 3	0.195	20.40	0.20	3.98
SL-BS-0.50-1	154	660	2 - 3	0.069	24.43	0.07	1.69
SL-BS-0.83-1	305	784	2 - 3	0.076	29.03	0.08	2.21
SL-PILOTBANK-1	151A	519	2 - 3	180	19.20	180.00	3,456.87
SL-PILOTBANK-3	151B	735	2 - 3	31	27.24	31.00	844.29
Totals:	--	18,904	--	--	700.15	--	7,883.38
Volume-Weighted Average:							11.26

**TABLE D-105A
POST-REMEDATION CONDITIONS
RECREATIONAL AREA-4 (RA-4): 0- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	18,904	--	--	2,100.45	--	19,059.22
Volume-Weighted Average:							9.07

Notes:

1. Polygon ID and area based on information shown on Figures D-54 through D-55.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material within the polygon associated with RA-4-SB-8 following the performance of removal activities in conjunction with implementation of a pilot study sediment cap constructed in October/November 2006 over a portion of Silver Lake adjacent to Recreational Area 4. The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

**TABLE D-106
POST-REMEDATION CONDITIONS
RECREATIONAL AREA-4 (RA-4): 1- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-4-SB-1	292	1,604	1 - 2	0.021	59.42	0.02	1.25
RA-4-SB-2	10	1,546	1 - 2	0.021	57.27	0.02	1.20
RA-4-SB-3	297	553	1 - 2	2.44	20.48	2.44	49.97
RA-4-SB-3	297A	381	1 - 2	0.021	14.11	0.02	0.30
RA-4-SB-4	149	1,316	1 - 2	1.71	48.73	1.71	83.33
RA-4-SB-5	298	1,415	1 - 2	15	52.41	15.00	786.22
RA-4-SB-6	75	1,751	1 - 2	1.47	64.84	1.47	95.31
RA-4-SB-7	299	1,049	1 - 2	0.36	38.84	0.36	13.98
RA-4-SB-8	150 (see note 5)	494	1 - 2	0.021	18.31	0.02	0.38
RA-4-SB-9	300	1,752	1 - 2	0.81	64.90	0.81	52.57
RA-4-SB-10	74	1,383	1 - 2	1.7	51.21	1.70	87.06
RA-4-SB-11	294	680	1 - 2	0.11	25.20	0.11	2.77
RA-4-SB-12	148	1,106	1 - 2	58	40.98	58.00	2,376.58
RA-4-SB-13	296	704	1 - 2	0.92	26.07	0.92	23.99
SLB-4 Bottom Bank	23	551	1 - 2	1.25	20.40	1.25	25.50
SL-BS-0.50-1	305	703	1 - 2	0.069	26.03	0.07	1.80
SL-BS-0.83-1	154	784	1 - 2	0.076	29.05	0.08	2.21
SL-PILOTBANK-3	299A	1,131	1 - 2	31	41.89	31.00	1,298.54
Totals:	--	18,904	--	--	700.15	--	4,902.97
Volume-Weighted Average:							7.00

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-4-SB-1	10	1,604	2 - 3	0.021	59.42	0.02	1.25
RA-4-SB-2	294	1,546	2 - 3	0.021	57.27	0.02	1.20
RA-4-SB-3	150	553	2 - 3	2.44	20.50	2.44	50.02
RA-4-SB-3	150A	381	2 - 3	0.021	14.11	0.02	0.30
RA-4-SB-4	295	1,316	2 - 3	1.71	48.73	1.71	83.33
RA-4-SB-5	37	1,415	2 - 3	15	52.41	15.00	786.22
RA-4-SB-6	296	1,751	2 - 3	1.47	64.84	1.47	95.31
RA-4-SB-7	151	1,005	2 - 3	0.36	37.21	0.36	13.40
RA-4-SB-8	297 (see note 5)	459	2 - 3	0.021	17.01	0.02	0.36
RA-4-SB-9	71	1,752	2 - 3	0.81	64.90	0.81	52.57
RA-4-SB-10	292	1,383	2 - 3	1.7	51.21	1.70	87.06
RA-4-SB-11	149	680	2 - 3	0.11	25.20	0.11	2.77
RA-4-SB-12	293	1,106	2 - 3	58	40.98	58.00	2,376.58
RA-4-SB-13	70	704	2 - 3	0.92	26.07	0.92	23.99
SLB-4 Bottom Bank	304	551	2 - 3	0.195	20.40	0.20	3.98
SL-BS-0.50-1	154	660	2 - 3	0.069	24.43	0.07	1.69
SL-BS-0.83-1	305	784	2 - 3	0.076	29.03	0.08	2.21
SL-PILOTBANK-1	151A	519	2 - 3	180	19.20	180.00	3,456.87
SL-PILOTBANK-3	151B	735	2 - 3	31	27.24	31.00	844.29
Totals:	--	18,904	--	--	700.15	--	7,883.38
Volume-Weighted Average:							11.26

SUMMARY: 1- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	18,904	--	--	1,400.30	--	12,786.34
Volume-Weighted Average:							9.13

Notes:

1. Polygon ID and area based on information shown on Figures D-54 through D-55.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material within the polygon associated with RA-4-SB-8 following the performance of removal activities in conjunction with implementation of a pilot study sediment cap constructed in October/November 2006 over a portion of Silver Lake adjacent to Recreational Area 4. The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

ARCADIS

Recreational Area RA-5

**TABLE D-107
EXISTING CONDITIONS
RECREATIONAL AREA-5 (RA-5): 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-34-SB-1	329	644	0 - 0.5	6	11.92	6.00	71.50
I9-9-34-SB-2	332	51	0 - 0.5	54	0.94	54.00	50.53
RA-4-SB-13	240	542	0 - 0.5	0.89	10.03	0.89	8.93
RA-5-SB-1	1, 413, 413A, 413B, 414, 414A, 414B	1,980	0 - 0.5	0.08	36.66	0.08	2.93
RA-5-SB-2	153	1,946	0 - 0.5	1,030	36.03	1,030.00	37,115.29
RA-5-SB-3	2, 415, 415A, 416	1,912	0 - 0.5	1.44	35.41	1.44	50.99
RA-5-SB-4	245, 245A	2,197	0 - 0.5	112	40.69	112.00	4,557.03
RA-5-SB-5	418, 418A	2,791.110	0 - 0.5	1.2	51.69	1.20	62.02
RA-5-SB-6	88	1,426	0 - 0.5	3.1	26.41	3.10	81.87
Totals:	--	13,488	--	--	249.77	--	42,001.09
Volume-Weighted Average:							168.16

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-34-SB-1	332	644	0.5 - 1	6	11.92	6.00	71.50
I9-9-34-SB-2	335	51	0.5 - 1	54	0.94	54.00	50.53
RA-4-SB-13	404	542	0.5 - 1	0.89	10.03	0.89	8.93
RA-5-SB-1	2, 246, 246A, 246B, 247, 247A, 247B	1,980	0.5 - 1	0.08	36.66	0.08	2.93
RA-5-SB-2	411	1,946	0.5 - 1	1,030	36.03	1,030.00	37,115.29
RA-5-SB-3	1, 156, 156A, 157	1,912	0.5 - 1	1.44	35.41	1.44	50.99
RA-5-SB-4	413, 413A	2,197	0.5 - 1	112	40.69	112.00	4,557.03
RA-5-SB-5	249, 249A	2,791.110	0.5 - 1	1.2	51.69	1.20	62.02
RA-5-SB-6	415	1,426	0.5 - 1	3.1	26.41	3.10	81.87
Totals:	--	13,488	--	--	249.77	--	42,001.09
Volume-Weighted Average:							168.16

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	13,488	--	--	499.55	--	84,002.18
Volume-Weighted Average:							168.16

Notes:

1. Polygon ID and area based on information shown on Figures D-52 and D-53.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-107A
EXISTING CONDITIONS
RECREATIONAL AREA-5 (RA-5): 0- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE D-107)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	13,488	--	--	499.55	--	84,002.18
Volume-Weighted Average:							168.16

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-34-SB-1	242	644	1 - 2	0.29	23.84	0.29	6.91
I9-9-34-SB-2	245	51	1 - 2	370	1.89	370.00	697.93
RA-4-SB-13	295	542	1 - 2	0.92	20.06	0.92	18.46
RA-5-SB-1	1, 38, 39	1,980	1 - 2	0.024	73.33	0.02	1.76
RA-5-SB-2	301	1,946	1 - 2	19	72.07	19.00	1,369.40
RA-5-SB-3	2, 151, 152	1,912	1 - 2	10.3	70.82	10.30	729.48
RA-5-SB-4	302	2,197	1 - 2	10.4	81.38	10.40	846.38
RA-5-SB-5	76, 76A	2,791	1 - 2	6.7	103.39	6.70	692.70
RA-5-SB-6	303	1,425	1 - 2	3.3	52.77	3.30	174.15
Totals:	--	13,488	--	--	499.55	--	4,537.16
Volume-Weighted Average:							9.08

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-34-SB-1	119	644	2 - 3	0.29	23.84	0.29	6.91
I9-9-34-SB-2	121	51	2 - 3	370	1.89	370.00	697.93
RA-4-SB-13	69	542	2 - 3	0.92	20.06	0.92	18.46
RA-5-SB-1	1, 298, 299	1,980	2 - 3	0.024	73.33	0.02	1.76
RA-5-SB-2	152	1,946	2 - 3	19	72.07	19.00	1,369.40
RA-5-SB-3	2, 300, 301	1,912	2 - 3	10.3	70.82	10.30	729.48
RA-5-SB-4	22	2,197	2 - 3	10.4	81.38	10.40	846.38
RA-5-SB-5	302, 302A	2,791	2 - 3	6.7	103.39	6.70	692.70
RA-5-SB-6	153	1,425	2 - 3	3.3	52.77	3.30	174.15
Totals:	--	13,488	--	--	499.55	--	4,537.16
Volume-Weighted Average:							9.08

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	13,488	--	--	1,498.65	--	93,076.51
Volume-Weighted Average:							62.11

Notes:

1. Polygon ID and area based on information shown on Figures D-54 through D-55.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-108
EXISTING CONDITIONS
RECREATIONAL AREA-5 (RA-5): 1- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-34-SB-1	242	644	1 - 2	0.29	23.84	0.29	6.91
I9-9-34-SB-2	245	51	1 - 2	370	1.89	370.00	697.93
RA-4-SB-13	295	542	1 - 2	0.92	20.06	0.92	18.46
RA-5-SB-1	1, 38, 39	1,980	1 - 2	0.024	73.33	0.02	1.76
RA-5-SB-2	301	1,946	1 - 2	19	72.07	19.00	1,369.40
RA-5-SB-3	2, 151, 152	1,912	1 - 2	10.3	70.82	10.30	729.48
RA-5-SB-4	302	2,197	1 - 2	10.4	81.38	10.40	846.38
RA-5-SB-5	76, 76A	2,791	1 - 2	6.7	103.39	6.70	692.70
RA-5-SB-6	303	1,425	1 - 2	3.3	52.77	3.30	174.15
Totals:	--	13,488	--	--	499.55	--	4,537.16
Volume-Weighted Average:							9.08

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-34-SB-1	119	644	2 - 3	0.29	23.84	0.29	6.91
I9-9-34-SB-2	121	51	2 - 3	370	1.89	370.00	697.93
RA-4-SB-13	69	542	2 - 3	0.92	20.06	0.92	18.46
RA-5-SB-1	1, 298, 299	1,980	2 - 3	0.024	73.33	0.02	1.76
RA-5-SB-2	152	1,946	2 - 3	19	72.07	19.00	1,369.40
RA-5-SB-3	2, 300, 301	1,912	2 - 3	10.3	70.82	10.30	729.48
RA-5-SB-4	22	2,197	2 - 3	10.4	81.38	10.40	846.38
RA-5-SB-5	302, 302A	2,791	2 - 3	6.7	103.39	6.70	692.70
RA-5-SB-6	153	1,425	2 - 3	3.3	52.77	3.30	174.15
Totals:	--	13,488	--	--	499.55	--	4,537.16
Volume-Weighted Average:							9.08

SUMMARY: 1- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	13,488	--	--	999.10	--	9,074.33
Volume-Weighted Average:							9.08

Notes:

1. Polygon ID and area based on information shown on Figures D-54 through D-55.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-109
POST-REMEDATION CONDITIONS
RECREATIONAL AREA-5 (RA-5): 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-34-SB-1	329	644	0 - 0.5	0.021	11.92	0.02	0.25
I9-9-34-SB-2	332	51	0 - 0.5	0.021	0.94	0.02	0.02
RA-4-SB-13	240	542	0 - 0.5	0.89	10.03	0.89	8.93
RA-5-SB-1	413A, 414, 414B	1,006	0 - 0.5	0.08	18.63	0.08	1.49
RA-5-SB-1	1, 413, 413B, 414A, 414B	974	0 - 0.5	0.021	18.03	0.02	0.38
RA-5-SB-2	153	1,946	0 - 0.5	0.021	36.04	0.02	0.76
RA-5-SB-3	415A	97	0 - 0.5	1.44	1.79	1.44	2.58
RA-5-SB-3	2, 415, 415A, 416	1,816	0 - 0.5	1.44	33.62	1.44	48.42
RA-5-SB-4	245, 245A	2,197.34	0 - 0.5	0.021	40.69	0.02	0.85
RA-5-SB-5	418	1,328	0 - 0.5	0.021	24.59	0.02	0.52
RA-5-SB-5	418A	1,464	0 - 0.5	1.2	27.10	1.20	32.52
RA-5-SB-6	88	1,425	0 - 0.5	0.021	26.38	0.02	0.55
Totals:	--	13,488	--	--	249.77	--	97.27
Volume-Weighted Average:							0.39

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-34-SB-1	332	644	0.5 - 1	0.021	11.92	0.02	0.25
I9-9-34-SB-2	335	51	0.5 - 1	0.021	0.94	0.02	0.02
RA-4-SB-13	404	542	0.5 - 1	0.89	10.03	0.89	8.93
RA-5-SB-1	2, 246, 246B, 247A	974	0.5 - 1	0.021	18.03	0.02	0.38
RA-5-SB-1	246A, 247, 247B	1,006	0.5 - 1	0.08	18.63	0.08	1.49
RA-5-SB-2	411	1,945	0.5 - 1	0.021	36.02	0.02	0.76
RA-5-SB-3	156A, 156B	97	0.5 - 1	0.021	1.79	0.02	0.04
RA-5-SB-3	1, 156, 157	1,816	0.5 - 1	1.44	33.62	1.44	48.42
RA-5-SB-4	413, 413A	2,199	0.5 - 1	0.021	40.72	0.02	0.86
RA-5-SB-5	249	1,326	0.5 - 1	0.021	24.56	0.02	0.52
RA-5-SB-5	249A	1,464	0.5 - 1	1.2	27.10	1.20	32.53
RA-5-SB-6	415	1,426	0.5 - 1	0.021	26.41	0.02	0.55
Totals:	--	13,488	--	--	249.77	--	94.73
Volume-Weighted Average:							0.38

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	13,488	--	--	499.55	--	191.99
Volume-Weighted Average:							0.38

Notes:

1. Polygon ID and area based on information shown on Figures D-52 and D-53.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
4. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

**TABLE D-109A
POST-REMEDIATION CONDITIONS
RECREATIONAL AREA-5 (RA-5): 0- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE D-109)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	13,488	--	--	499.55	--	191.99
Volume-Weighted Average:							0.38

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-34-SB-1	242	644	1 - 2	0.021	23.84	0.02	0.50
I9-9-34-SB-2	245	51	1 - 2	0.021	1.89	0.02	0.04
RA-4-SB-13	295	542	1 - 2	0.92	20.06	0.92	18.46
RA-5-SB-1	1, 38, 39	1,980	1 - 2	0.024	73.33	0.02	1.76
RA-5-SB-2	301	1,946	1 - 2	19	72.07	19.00	1,369.40
RA-5-SB-3	2, 151, 152	1,912	1 - 2	10.3	70.82	10.30	729.48
RA-5-SB-4	302	2,197	1 - 2	10.4	81.38	10.40	846.38
RA-5-SB-5	76	1,328	1 - 2	0.021	49.18	0.02	1.03
RA-5-SB-5	76A	1,464	1 - 2	6.7	54.21	6.70	363.19
RA-5-SB-6	303	1,425	1 - 2	0.021	52.77	0.02	1.11
Totals:	--	13,488	--	--	499.55	--	3,331.35
Volume-Weighted Average:							6.67

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-34-SB-1	119	644	2 - 3	0.021	23.84	0.02	0.50
I9-9-34-SB-2	121	51	2 - 3	0.021	1.89	0.02	0.04
RA-4-SB-13	69	542	2 - 3	0.92	20.06	0.92	18.46
RA-5-SB-1	1, 298, 299	1,980	2 - 3	0.024	73.33	0.02	1.76
RA-5-SB-2	152	1,946	2 - 3	19	72.07	19.00	1,369.40
RA-5-SB-3	2, 300, 301	1,912	2 - 3	10.3	70.82	10.30	729.48
RA-5-SB-4	22	2,197	2 - 3	10.4	81.37	10.40	846.25
RA-5-SB-5	302	1,328	2 - 3	6.7	49.19	6.70	329.54
RA-5-SB-5	302A	1,464	2 - 3	0.021	54.22	0.02	1.14
RA-5-SB-6	153	1,425	2 - 3	0.021	52.77	0.02	1.11
Totals:	--	13,488	--	--	499.55	--	3,297.67
Volume-Weighted Average:							6.60

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	13,488	--	--	1,498.65	--	6,821.02
Volume-Weighted Average:							4.55

Notes:

1. Polygon ID and area based on information shown on Figures D-54 through D-55.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE D-110
POST-REMEDATION CONDITIONS
RECREATIONAL AREA-5 (RA-5): 1- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-34-SB-1	242	644	1 - 2	0.021	23.84	0.02	0.50
I9-9-34-SB-2	245	51	1 - 2	0.021	1.89	0.02	0.04
RA-4-SB-13	295	542	1 - 2	0.92	20.06	0.92	18.46
RA-5-SB-1	1, 38, 39	1,980	1 - 2	0.024	73.33	0.02	1.76
RA-5-SB-2	301	1,946	1 - 2	19	72.07	19.00	1,369.40
RA-5-SB-3	2, 151, 152	1,912	1 - 2	10.3	70.82	10.30	729.48
RA-5-SB-4	302	2,197	1 - 2	10.4	81.38	10.40	846.38
RA-5-SB-5	76	1,328	1 - 2	0.021	49.18	0.02	1.03
RA-5-SB-5	76A	1,464	1 - 2	6.7	54.21	6.70	363.19
RA-5-SB-6	303	1,425	1 - 2	0.021	52.77	0.02	1.11
Totals:	--	13,488	--	--	499.55	--	3,331.35
Volume-Weighted Average:							6.67

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
I9-9-34-SB-1	119	644	2 - 3	0.021	23.84	0.02	0.50
I9-9-34-SB-2	121	51	2 - 3	0.021	1.89	0.02	0.04
RA-4-SB-13	69	542	2 - 3	0.92	20.06	0.92	18.46
RA-5-SB-1	1, 298, 299	1,980	2 - 3	0.024	73.33	0.02	1.76
RA-5-SB-2	152	1,946	2 - 3	19	72.07	19.00	1,369.40
RA-5-SB-3	2, 300, 301	1,912	2 - 3	10.3	70.82	10.30	729.48
RA-5-SB-4	22	2,197	2 - 3	10.4	81.37	10.40	846.25
RA-5-SB-5	302	1,328	2 - 3	6.7	49.19	6.70	329.54
RA-5-SB-5	302A	1,464	2 - 3	0.021	54.22	0.02	1.14
RA-5-SB-6	153	1,425	2 - 3	0.021	52.77	0.02	1.11
Totals:	--	13,488	--	--	499.55	--	3,297.67
Volume-Weighted Average:							6.60

SUMMARY: 1- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	13,488	--	--	999.10	--	6,629.03
Volume-Weighted Average:							6.63

Notes:

1. Polygon ID and area based on information shown on Figures D-54 through D-55.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

ARCADIS

Utility Corridor

**TABLE D-111
EXISTING CONDITIONS
UTILITY CORRIDOR ALONG EAST STREET**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-5-SB-2	124	94	0 - 0.5	1,030	1.73	1,030.00	1,785.25
RA-5-SB-4	125	663	0 - 0.5	112	12.28	112.00	1,375.46
RA-5-SB-6	126	498	0 - 0.5	3.1	9.22	3.10	28.57
I9-9-34-SB-1	127	92	0 - 0.5	6	1.70	6.00	10.21
Totals:	--	1,346	--	--	24.93	--	3,199.49
Volume-Weighted Average:							128.33

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-5-SB-2	121	94	0.5 - 1	1,030	1.73	1,030.00	1,785.25
RA-5-SB-4	122	663	0.5 - 1	112	12.28	112.00	1,375.46
RA-5-SB-6	123	498	0.5 - 1	3.1	9.22	3.10	28.57
I9-9-34-SB-1	124	92	0.5 - 1	6	1.70	6.00	10.21
Totals:	--	1,346	--	--	24.93	--	3,199.49
Volume-Weighted Average:							128.33

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-5-SB-2	115	94	1 - 2	19	3.47	19.00	65.86
RA-5-SB-4	116	663	1 - 2	10.4	24.56	10.40	255.44
RA-5-SB-6	117	498	1 - 2	3.3	18.43	3.30	60.83
I9-9-34-SB-1	118	92	1 - 2	0.29	3.40	0.29	0.99
Totals:	--	1,346	--	--	49.86	--	383.12
Volume-Weighted Average:							7.68

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-5-SB-2	115	94	2 - 3	19	3.47	19.00	65.86
RA-5-SB-4	116	663	2 - 3	10.4	24.56	10.40	255.44
RA-5-SB-6	117	498	2 - 3	3.3	18.43	3.30	60.83
I9-9-34-SB-1	118	92	2 - 3	0.29	3.40	0.29	0.99
Totals:	--	1,346	--	--	49.86	--	383.12
Volume-Weighted Average:							7.68

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,346	--	--	149.59	--	7,165.22
Volume-Weighted Average:							47.90

Notes:

1. Polygon ID and area based on information shown on Figures D-56 through D-59.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-112
EXISTING CONDITIONS
UTILITY CORRIDOR ALONG SILVER LAKE BOULEVARD

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-2-SB-1	85	876	0 - 0.5	0.65	16.23	0.65	10.55
RA-2-SB-3	86	1,543	0 - 0.5	0.06	28.56	0.06	1.71
RA-2-SB-5	87	1,571	0 - 0.5	0.0195	29.09	0.02	0.57
RA-2-SB-7	88	1,015	0 - 0.5	0.058	18.80	0.06	1.09
SLB-6 Middle Bank	89	795	0 - 0.5	1.17	14.72	1.17	17.22
RA-2-SB-9	90	1,333	0 - 0.5	0.091	24.69	0.09	2.25
RA-2-SB-11	91	1,489	0 - 0.5	0.36	27.58	0.36	9.93
RA-3-SB-2	92	1,424	0 - 0.5	0.27	26.38	0.27	7.12
RA-3-SB-4	93	1,172	0 - 0.5	0.075	21.71	0.08	1.63
RA-3-SB-5-N	94	805	0 - 0.5	0.174	14.91	0.17	2.59
RA-3-SB-6	95	715	0 - 0.5	0.52	13.24	0.52	6.89
RA-3-SB-7-N	96	677	0 - 0.5	0.076	12.55	0.08	0.95
RA-3-SB-8	97	618	0 - 0.5	0.68	11.44	0.68	7.78
RA-3-SB-9	98	584	0 - 0.5	36	10.82	36.00	389.34
RA-3-SB-10	99	584	0 - 0.5	0.41	10.81	0.41	4.43
SL-BH001466	100	519	0 - 0.5	610	9.60	610.00	5,857.48
SLB-3 Middle Bank	101	882	0 - 0.5	15.05	16.33	15.05	245.73
SLB-3 Bottom Bank	102	130	0 - 0.5	250	2.41	250.00	601.41
SL-BH001467	103	298	0 - 0.5	50	5.51	50.00	275.59
RA-3-SB-11	104	1,048	0 - 0.5	1.65	19.42	1.65	32.03
RA-3-SB-13	105	1,528	0 - 0.5	0.063	28.31	0.06	1.78
RA-3-SB-15	106	918	0 - 0.5	0.018	17.01	0.02	0.31
SLB-9 Top Bank-12	107	112	0 - 0.5	0.92	2.08	0.92	1.91
RA-4-SB-1	108	804	0 - 0.5	0.72	14.90	0.72	10.73
RA-4-SB-2	109	585	0 - 0.5	50	10.83	50.00	541.40
RA-4-SB-3	110	522	0 - 0.5	4.7	9.66	4.70	45.40
RA-4-SB-4	111	588	0 - 0.5	3.09	10.89	3.09	33.64
RA-4-SB-5	112	737	0 - 0.5	12	13.65	12.00	163.86
RA-4-SB-6	113	727	0 - 0.5	0.73	13.47	0.73	9.83
RA-4-SB-7	114	780	0 - 0.5	0.0205	14.44	0.02	0.30
SL-BS-0.83-1	115	688	0 - 0.5	0.0175	12.75	0.02	0.22
SL-BS-0.50-1	116	90	0 - 0.5	3.6	1.66	3.60	5.97
RA-4-SB-9	117	844	0 - 0.5	0.021	15.63	0.02	0.33
RA-4-SB-10	118	785	0 - 0.5	12	14.53	12.00	174.38
SLB-4 Middle Bank	119	598	0 - 0.5	7.6	11.08	7.60	84.18
SLB-4 Bottom Bank	120	27	0 - 0.5	75	0.50	75.00	37.83
RA-4-SB-12	121	794	0 - 0.5	19.5	14.70	19.50	286.59
RA-4-SB-13	122	973	0 - 0.5	0.89	18.01	0.89	16.03
SLB-4 Top Bank	123	226	0 - 0.5	0.21	4.18	0.21	0.88
Totals:	--	30,405	--	--	563.06	--	8,891.87
					Volume-Weighted Average:		15.79

TABLE D-112
EXISTING CONDITIONS
UTILITY CORRIDOR ALONG SILVER LAKE BOULEVARD

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-2-SB-1	83	876	0.5 - 1	0.65	16.23	0.65	10.55
RA-2-SB-3	84	1,543	0.5 - 1	0.06	28.56	0.06	1.71
RA-2-SB-5	85	1,571	0.5 - 1	0.0195	29.09	0.02	0.57
RA-2-SB-7	86	1,015	0.5 - 1	0.058	18.80	0.06	1.09
SLB-6 Middle Bank	87	795	0.5 - 1	2.79	14.72	2.79	41.07
RA-2-SB-9	88	1,333	0.5 - 1	0.091	24.69	0.09	2.25
RA-2-SB-11	89	1,489	0.5 - 1	0.36	27.58	0.36	9.93
RA-3-SB-2	90	1,424	0.5 - 1	0.27	26.38	0.27	7.12
RA-3-SB-4	91	1,172	0.5 - 1	0.075	21.71	0.08	1.63
RA-3-SB-5-N	92	805	0.5 - 1	0.174	14.91	0.17	2.59
RA-3-SB-6	93	715	0.5 - 1	0.52	13.24	0.52	6.89
RA-3-SB-7-N	94	677	0.5 - 1	0.076	12.55	0.08	0.95
RA-3-SB-8	95	618	0.5 - 1	0.68	11.44	0.68	7.78
RA-3-SB-9	96	584	0.5 - 1	36	10.82	36.00	389.34
RA-3-SB-10	97	584	0.5 - 1	0.41	10.81	0.41	4.43
SL-BH001466	98	519	0.5 - 1	610	9.60	610.00	5,857.48
SLB-3 Middle Bank	99	882	0.5 - 1	6.72	16.33	6.72	109.72
SLB-3 Bottom Bank	100	130	0.5 - 1	52	2.41	52.00	125.09
SL-BH001467	101	298	0.5 - 1	50	5.51	50.00	275.59
RA-3-SB-11	102	1,048	0.5 - 1	1.65	19.42	1.65	32.03
RA-3-SB-13	103	1,528	0.5 - 1	0.063	28.31	0.06	1.78
RA-3-SB-15	104	1,011	0.5 - 1	0.018	18.71	0.02	0.34
RA-4-SB-1	105	825	0.5 - 1	0.72	15.27	0.72	11.00
RA-4-SB-2	106	585	0.5 - 1	50	10.83	50.00	541.40
RA-4-SB-3	107	522	0.5 - 1	4.7	9.66	4.70	45.40
RA-4-SB-4	108	588	0.5 - 1	3.09	10.89	3.09	33.64
RA-4-SB-5	109	737	0.5 - 1	12	13.65	12.00	163.86
RA-4-SB-6	110	727	0.5 - 1	0.73	13.47	0.73	9.83
RA-4-SB-7	111	780	0.5 - 1	0.0205	14.44	0.02	0.30
SL-BS-0.83-1	112	688	0.5 - 1	0.0175	12.75	0.02	0.22
SL-BS-0.50-1	113	90	0.5 - 1	3.6	1.66	3.60	5.97
RA-4-SB-9	114	844	0.5 - 1	0.021	15.63	0.02	0.33
RA-4-SB-10	115	785	0.5 - 1	12	14.53	12.00	174.38
SLB-4 Middle Bank	116	598	0.5 - 1	13.4	11.08	13.40	148.42
SLB-4 Bottom Bank	117	27	0.5 - 1	20	0.50	20.00	10.09
RA-4-SB-12	118	794	0.5 - 1	19.5	14.70	19.50	286.59
RA-4-SB-13	119	973	0.5 - 1	0.89	18.01	0.89	16.03
SLB-4 Top Bank	120	226	0.5 - 1	0.1	4.18	0.10	0.42
Totals:	--	30,405	--	--	563.06	--	8,337.82
Volume-Weighted Average:							14.81

TABLE D-112
EXISTING CONDITIONS
UTILITY CORRIDOR ALONG SILVER LAKE BOULEVARD

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-2-SB-1	79	876	1 - 2	0.192	32.46	0.19	6.23
RA-2-SB-3	80	1,543	1 - 2	0.054	57.13	0.05	3.09
RA-2-SB-5	81	1,571	1 - 2	0.0185	58.19	0.02	1.08
RA-2-SB-7	82	1,091	1 - 2	0.019	40.41	0.02	0.77
RA-2-SB-8	83	686	1 - 2	31	25.42	31.00	787.92
RA-2-SB-9	84	1,366	1 - 2	0.043	50.61	0.04	2.18
RA-2-SB-11	85	1,489	1 - 2	0.027	55.15	0.03	1.49
RA-3-SB-2	86	1,424	1 - 2	0.019	52.76	0.02	1.00
RA-3-SB-4	87	1,172	1 - 2	0.0185	43.42	0.02	0.80
RA-3-SB-5-N	88	805	1 - 2	0.0185	29.82	0.02	0.55
RA-3-SB-6	89	715	1 - 2	0.029	26.49	0.03	0.77
RA-3-SB-7-N	90	677	1 - 2	0.0205	25.09	0.02	0.51
RA-3-SB-8	91	618	1 - 2	0.028	22.87	0.03	0.64
RA-3-SB-9	92	584	1 - 2	2,850	21.63	2,850.00	61,646.12
RA-3-SB-10	93	584	1 - 2	0.08	21.62	0.08	1.73
SL-BH001466	94	545	1 - 2	810	20.17	810.00	16,338.29
SLB-3 Bottom Bank	95	984	1 - 2	69	36.45	69.00	2,515.30
SL-BH001467	96	299	1 - 2	5.7	11.07	5.70	63.10
RA-3-SB-11	97	1,048	1 - 2	0.32	38.83	0.32	12.43
RA-3-SB-13	98	1,528	1 - 2	0.018	56.61	0.02	1.02
RA-3-SB-15	99	1,011	1 - 2	0.018	37.43	0.02	0.67
RA-4-SB-1	100	825	1 - 2	0.0205	30.54	0.02	0.63
RA-4-SB-2	101	585	1 - 2	10.6	21.66	10.60	229.55
RA-4-SB-3	102	522	1 - 2	2.44	19.32	2.44	47.14
RA-4-SB-4	103	588	1 - 2	1.71	21.77	1.71	37.23
RA-4-SB-5	104	737	1 - 2	15	27.31	15.00	409.65
RA-4-SB-6	105	727	1 - 2	1.47	26.94	1.47	39.61
RA-4-SB-7	106	780	1 - 2	0.36	28.88	0.36	10.40
SL-BS-0.83-1	107	688	1 - 2	0.076	25.49	0.08	1.94
SL-BS-0.50-1	108	90	1 - 2	0.069	3.32	0.07	0.23
RA-4-SB-9	109	844	1 - 2	0.81	31.26	0.81	25.32
RA-4-SB-10	110	794	1 - 2	1.7	29.40	1.70	49.99
SLB-4 Bottom Bank	111	164	1 - 2	0.195	6.08	0.20	1.18
RA-4-SB-12	112	791	1 - 2	58	29.31	58.00	1,699.72
RA-4-SB-13	113	973	1 - 2	0.92	36.02	0.92	33.14
RA-4-SB-11	114	680	1 - 2	0.11	25.20	0.11	2.77
Totals:	--	30,405	--	--	1,126.11	--	83,974.18
Volume-Weighted Average:							74.57

**TABLE D-112
EXISTING CONDITIONS
UTILITY CORRIDOR ALONG SILVER LAKE BOULEVARD**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-2-SB-1	79	876	2 - 3	0.192	32.46	0.19	6.23
RA-2-SB-3	80	1,543	2 - 3	0.054	57.13	0.05	3.09
RA-2-SB-5	81	1,571	2 - 3	0.0185	58.19	0.02	1.08
RA-2-SB-7	82	1,091	2 - 3	0.019	40.41	0.02	0.77
RA-2-SB-8	83	686	2 - 3	31	25.42	31.00	787.92
RA-2-SB-9	84	1,366	2 - 3	0.043	50.61	0.04	2.18
RA-2-SB-11	85	1,489	2 - 3	0.027	55.15	0.03	1.49
RA-3-SB-2	86	1,424	2 - 3	0.019	52.76	0.02	1.00
RA-3-SB-4	87	1,172	2 - 3	0.0185	43.42	0.02	0.80
RA-3-SB-5-N	88	805	2 - 3	0.0185	29.82	0.02	0.55
RA-3-SB-6	89	715	2 - 3	0.029	26.49	0.03	0.77
RA-3-SB-7-N	90	677	2 - 3	0.0205	25.09	0.02	0.51
RA-3-SB-8	91	618	2 - 3	0.028	22.87	0.03	0.64
RA-3-SB-9	92	584	2 - 3	2,850	21.63	2,850.00	61,646.12
RA-3-SB-10	93	584	2 - 3	0.08	21.62	0.08	1.73
SL-BH001466	94	545	2 - 3	810	20.17	810.00	16,338.29
SLB-3 Bottom Bank	95	984	2 - 3	69	36.45	69.00	2,515.30
SL-BH001467	96	299	2 - 3	5.7	11.07	5.70	63.10
RA-3-SB-11	97	1,048	2 - 3	0.32	38.83	0.32	12.43
RA-3-SB-13	98	1,528	2 - 3	0.018	56.61	0.02	1.02
RA-3-SB-15	99	1,011	2 - 3	0.018	37.43	0.02	0.67
RA-4-SB-1	100	825	2 - 3	0.0205	30.54	0.02	0.63
RA-4-SB-2	101	585	2 - 3	10.6	21.66	10.60	229.55
RA-4-SB-3	102	522	2 - 3	2.44	19.32	2.44	47.14
RA-4-SB-4	103	588	2 - 3	1.71	21.77	1.71	37.23
RA-4-SB-5	104	737	2 - 3	15	27.31	15.00	409.65
RA-4-SB-6	105	727	2 - 3	1.47	26.94	1.47	39.61
RA-4-SB-7	106	780	2 - 3	0.36	28.88	0.36	10.40
SL-BS-0.83-1	107	688	2 - 3	0.076	25.49	0.08	1.94
SL-BS-0.50-1	108	90	2 - 3	0.069	3.32	0.07	0.23
RA-4-SB-9	109	844	2 - 3	0.81	31.26	0.81	25.32
RA-4-SB-10	110	794	2 - 3	1.7	29.40	1.70	49.99
SLB-4 Bottom Bank	111	164	2 - 3	0.195	6.08	0.20	1.18
RA-4-SB-12	112	791	2 - 3	58	29.31	58.00	1,699.72
RA-4-SB-13	113	973	2 - 3	0.92	36.02	0.92	33.14
RA-4-SB-11	114	680	2 - 3	0.11	25.20	0.11	2.77
Totals:	--	30,405	--	--	1,126.11	--	83,974.18
Volume-Weighted Average:							74.57

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	30,405	--	--	3,378.34	--	185,178.04
Volume-Weighted Average:							54.81

Notes:

1. Polygon ID and area based on information shown on Figures D-56 through D-59.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-113
POST REMEDIATION CONDITIONS
UTILITY CORRIDOR ALONG EAST STREET

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-5-SB-2	124	94	0 - 0.5	0.021	1.73	0.02	0.04
RA-5-SB-4	125	123	0 - 0.5	112	2.28	112.00	255.13
RA-5-SB-4	125A, 125B	540	0 - 0.5	0.021	10.00	0.02	0.21
RA-5-SB-6	126	498	0 - 0.5	0.021	9.22	0.02	0.19
I9-9-34-SB-1	127	92	0 - 0.5	0.021	1.70	0.02	0.04
Totals:	--	1,346	--	--	24.93	--	255.61
Volume-Weighted Average:							10.25

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-5-SB-2	121	94	0.5 - 1	0.021	1.73	0.02	0.04
RA-5-SB-4	122	123	0.5 - 1	112	2.28	112.00	255.13
RA-5-SB-4	122A, 122B	540	0.5 - 1	0.021	10.00	0.02	0.21
RA-5-SB-6	123	498	0.5 - 1	0.021	9.22	0.02	0.19
I9-9-34-SB-1	124	92	0.5 - 1	0.021	1.70	0.02	0.04
Totals:	--	1,346	--	--	24.93	--	255.61
Volume-Weighted Average:							10.25

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-5-SB-2	115	94	1 - 2	19	3.47	19.00	65.86
RA-5-SB-4	116	633	1 - 2	10.4	23.43	10.40	243.70
RA-5-SB-4	116A	30	1 - 2	0.021	1.13	0.02	0.02
RA-5-SB-6	117	498	1 - 2	0.021	18.43	0.02	0.39
I9-9-34-SB-1	118	92	1 - 2	0.021	3.40	0.02	0.07
Totals:	--	1,346	--	--	49.86	--	310.05
Volume-Weighted Average:							6.22

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-5-SB-2	115	94	2 - 3	19	3.47	19.00	65.86
RA-5-SB-4	116	633	2 - 3	10.4	23.43	10.40	243.70
RA-5-SB-4	116A	30	2 - 3	0.021	1.13	0.02	0.02
RA-5-SB-6	117	498	2 - 3	0.021	18.43	0.02	0.39
I9-9-34-SB-1	118	92	2 - 3	0.021	3.40	0.02	0.07
Totals:	--	1,346	--	--	49.86	--	310.05
Volume-Weighted Average:							6.22

**TABLE D-113
POST REMEDIATION CONDITIONS
UTILITY CORRIDOR ALONG EAST STREET**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	1,346	--	--	149.59	--	1,131.31
Volume-Weighted Average:							7.56

Notes:

1. Polygon ID and area based on information shown on Figures D-56 through D-59.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

TABLE D-114
POST REMEDIATION CONDITIONS
UTILITY CORRIDOR ALONG SILVER LAKE BOULEVARD

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-2-SB-1	85	876	0 - 0.5	0.65	16.23	0.65	10.55
RA-2-SB-3	86	1,543	0 - 0.5	0.06	28.56	0.06	1.71
RA-2-SB-5	87	1,571	0 - 0.5	0.0195	29.09	0.02	0.57
RA-2-SB-7	88	1,015	0 - 0.5	0.058	18.80	0.06	1.09
SLB-6 Middle Bank	89	795	0 - 0.5	1.17	14.72	1.17	17.22
RA-2-SB-9	90	1,333	0 - 0.5	0.091	24.69	0.09	2.25
RA-2-SB-11	91	768	0 - 0.5	0.36	14.22	0.36	5.12
RA-2-SB-11	91A	721	0 - 0.5	0.021	13.36	0.02	0.28
RA-3-SB-2	92	798	0 - 0.5	0.27	14.77	0.27	3.99
RA-3-SB-2	92A	627	0 - 0.5	0.021	11.61	0.02	0.24
RA-3-SB-4	93	1,172	0 - 0.5	0.075	21.71	0.08	1.63
RA-3-SB-5-N	94	805	0 - 0.5	0.174	14.91	0.17	2.59
RA-3-SB-6	95	715	0 - 0.5	0.52	13.24	0.52	6.89
RA-3-SB-7-N	96	671	0 - 0.5	0.076	12.42	0.08	0.94
RA-3-SB-7-N	96A	6	0 - 0.5	0.021	0.12	0.02	0.00
RA-3-SB-8	97	300	0 - 0.5	0.68	5.55	0.68	3.77
RA-3-SB-8	97A, 97B	318	0 - 0.5	0.021	5.89	0.02	0.12
RA-3-SB-9	98	584	0 - 0.5	0.021	10.82	0.02	0.23
RA-3-SB-10	99	396	0 - 0.5	0.41	7.33	0.41	3.00
RA-3-SB-10	99A	188	0 - 0.5	0.021	3.48	0.02	0.07
SL-BH001466	100	519	0 - 0.5	0.021	9.60	0.02	0.20
SLB-3 Middle Bank	101	856	0 - 0.5	15.05	15.84	15.05	238.46
SLB-3 Middle Bank	101A	26	0 - 0.5	0.021	0.48	0.02	0.01
SLB-3 Bottom Bank	102	130	0 - 0.5	0.021	2.41	0.02	0.05
SL-BH001467	103	298	0 - 0.5	50	5.51	50.00	275.59
RA-3-SB-11	104	208	0 - 0.5	1.65	3.85	1.65	6.35
RA-3-SB-11	104A	840	0 - 0.5	0.021	15.56	0.02	0.33
RA-3-SB-13	105	1,528	0 - 0.5	0.021	28.31	0.02	0.59
RA-3-SB-15	106	918	0 - 0.5	0.021	17.01	0.02	0.36
SLB-9 Top Bank-12	107	112	0 - 0.5	0.021	2.08	0.02	0.04
RA-4-SB-1	108	804	0 - 0.5	0.021	14.90	0.02	0.31
RA-4-SB-2	109	585	0 - 0.5	0.021	10.83	0.02	0.23
RA-4-SB-3	110	278	0 - 0.5	4.7	5.15	4.70	24.23
RA-4-SB-3	110A	243	0 - 0.5	0.021	4.51	0.02	0.09
RA-4-SB-4	111	588	0 - 0.5	3.09	10.89	3.09	33.64
RA-4-SB-5	112	737	0 - 0.5	12	13.65	12.00	163.86
RA-4-SB-6	113	727	0 - 0.5	0.73	13.47	0.73	9.83
RA-4-SB-7	114	780	0 - 0.5	0.0205	14.44	0.02	0.30
SL-BS-0.83-1	115	688	0 - 0.5	0.0175	12.75	0.02	0.22
SL-BS-0.50-1	116	90	0 - 0.5	3.6	1.66	3.60	5.97
RA-4-SB-9	117	844	0 - 0.5	0.021	15.63	0.02	0.33
RA-4-SB-10	118	785	0 - 0.5	12	14.53	12.00	174.38
SLB-4 Middle Bank	119	598	0 - 0.5	7.6	11.08	7.60	84.18
SLB-4 Bottom Bank	120	27	0 - 0.5	75	0.50	75.00	37.83
RA-4-SB-12	121	794	0 - 0.5	19.5	14.70	19.50	286.59
RA-4-SB-13	122	960	0 - 0.5	0.89	17.78	0.89	15.82
RA-4-SB-13	122A	13	0 - 0.5	0.021	0.23	0.02	0.00
SLB-4 Top Bank	123	226	0 - 0.5	0.21	4.18	0.21	0.88
Totals:	--	30,405	--	--	563.06	--	1,422.97
					Volume-Weighted Average:		2.53

TABLE D-114
POST REMEDIATION CONDITIONS
UTILITY CORRIDOR ALONG SILVER LAKE BOULEVARD

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-2-SB-1	83	876	0.5 - 1	0.65	16.23	0.65	10.55
RA-2-SB-3	84	1,543	0.5 - 1	0.06	28.56	0.06	1.71
RA-2-SB-5	85	1,571	0.5 - 1	0.0195	29.09	0.02	0.57
RA-2-SB-7	86	1,015	0.5 - 1	0.058	18.80	0.06	1.09
SLB-6 Middle Bank	87	795	0.5 - 1	2.79	14.72	2.79	41.07
RA-2-SB-9	88	1,333	0.5 - 1	0.091	24.69	0.09	2.25
RA-2-SB-11	89	768	0.5 - 1	0.36	14.22	0.36	5.12
RA-2-SB-11	89A	721	0.5 - 1	0.021	13.36	0.02	0.28
RA-3-SB-2	90	798	0.5 - 1	0.27	14.77	0.27	3.99
RA-3-SB-2	90A	627	0.5 - 1	0.021	11.61	0.02	0.24
RA-3-SB-4	91	1,172	0.5 - 1	0.075	21.71	0.08	1.63
RA-3-SB-5-N	92	805	0.5 - 1	0.174	14.91	0.17	2.59
RA-3-SB-6	93	715	0.5 - 1	0.52	13.24	0.52	6.89
RA-3-SB-7-N	94	671	0.5 - 1	0.076	12.42	0.08	0.94
RA-3-SB-7-N	94A	6	0.5 - 1	0.021	0.12	0.02	0.00
RA-3-SB-8	95	300	0.5 - 1	0.68	5.55	0.68	3.77
RA-3-SB-8	95A, 95B	318	0.5 - 1	0.021	5.89	0.02	0.12
RA-3-SB-9	96	584	0.5 - 1	0.021	10.82	0.02	0.23
RA-3-SB-10	97	396	0.5 - 1	0.41	7.33	0.41	3.00
RA-3-SB-10	97A	188	0.5 - 1	0.021	3.48	0.02	0.07
SL-BH001466	98	519	0.5 - 1	0.021	9.60	0.02	0.20
SLB-3 Middle Bank	99	856	0.5 - 1	6.72	15.84	6.72	106.48
SLB-3 Middle Bank	99A	26	0.5 - 1	0.021	0.48	0.02	0.01
SLB-3 Bottom Bank	100	130	0.5 - 1	0.021	2.41	0.02	0.05
SL-BH001467	101	298	0.5 - 1	50	5.51	50.00	275.59
RA-3-SB-11	102	208	0.5 - 1	1.65	3.85	1.65	6.35
RA-3-SB-11	102A	840	0.5 - 1	0.021	15.56	0.02	0.33
RA-3-SB-13	103	1,528	0.5 - 1	0.021	28.31	0.02	0.59
RA-3-SB-15	104	1,011	0.5 - 1	0.021	18.71	0.02	0.39
RA-4-SB-1	105	825	0.5 - 1	0.021	15.27	0.02	0.32
RA-4-SB-2	106	585	0.5 - 1	0.021	10.83	0.02	0.23
RA-4-SB-3	107	278	0.5 - 1	4.7	5.15	4.70	24.23
RA-4-SB-3	107A	243	0.5 - 1	0.021	4.51	0.02	0.09
RA-4-SB-4	108	588	0.5 - 1	3.09	10.89	3.09	33.64
RA-4-SB-5	109	737	0.5 - 1	12	13.65	12.00	163.86
RA-4-SB-6	110	727	0.5 - 1	0.73	13.47	0.73	9.83
RA-4-SB-7	111	780	0.5 - 1	0.0205	14.44	0.02	0.30
SL-BS-0.83-1	112	688	0.5 - 1	0.0175	12.75	0.02	0.22
SL-BS-0.50-1	113	90	0.5 - 1	3.6	1.66	3.60	5.97
RA-4-SB-9	114	844	0.5 - 1	0.021	15.63	0.02	0.33
RA-4-SB-10	115	785	0.5 - 1	12	14.53	12.00	174.38
SLB-4 Middle Bank	116	598	0.5 - 1	13.4	11.08	13.40	148.42
SLB-4 Bottom Bank	117	27	0.5 - 1	20	0.50	20.00	10.09
RA-4-SB-12	118	794	0.5 - 1	19.5	14.70	19.50	286.59
RA-4-SB-13	119	960	0.5 - 1	0.89	17.78	0.89	15.82
RA-4-SB-13	119A	13	0.5 - 1	0.021	0.23	0.02	0.00
SLB-4 Top Bank	120	226	0.5 - 1	0.1	4.18	0.10	0.42
Totals:	--	30,405	--	--	563.06	--	1,350.87
					Volume-Weighted Average:		2.40

TABLE D-114
POST REMEDIATION CONDITIONS
UTILITY CORRIDOR ALONG SILVER LAKE BOULEVARD

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-2-SB-1	79	876	1 - 2	0.192	32.46	0.19	6.23
RA-2-SB-3	80	1,543	1 - 2	0.054	57.13	0.05	3.09
RA-2-SB-5	81	1,571	1 - 2	0.0185	58.19	0.02	1.08
RA-2-SB-7	82	1,091	1 - 2	0.019	40.41	0.02	0.77
RA-2-SB-8	83	686	1 - 2	31	25.42	31.00	787.92
RA-2-SB-9	84	1,366	1 - 2	0.043	50.61	0.04	2.18
RA-2-SB-11	85	768	1 - 2	0.027	28.44	0.03	0.77
RA-2-SB-11	85A	721	1 - 2	0.021	26.71	0.02	0.56
RA-3-SB-2	86	798	1 - 2	0.019	29.54	0.02	0.56
RA-3-SB-2	86A	627	1 - 2	0.021	23.22	0.02	0.49
RA-3-SB-4	87	1,172	1 - 2	0.0185	43.42	0.02	0.80
RA-3-SB-5-N	88	805	1 - 2	0.0185	29.82	0.02	0.55
RA-3-SB-6	89	715	1 - 2	0.029	26.49	0.03	0.77
RA-3-SB-7-N	90	671	1 - 2	0.0205	24.85	0.02	0.51
RA-3-SB-7-N	90A	6	1 - 2	0.021	0.24	0.02	0.01
RA-3-SB-8	91	300	1 - 2	0.028	11.10	0.03	0.31
RA-3-SB-8	91A, 91B	318	1 - 2	0.021	11.78	0.02	0.25
RA-3-SB-9	92	584	1 - 2	0.021	21.63	0.02	0.45
RA-3-SB-10	93	396	1 - 2	0.08	14.66	0.08	1.17
RA-3-SB-10	93A	188	1 - 2	0.021	6.96	0.02	0.15
SL-BH001466	94	545	1 - 2	0.021	20.17	0.02	0.42
SLB-3 Bottom Bank	95	958	1 - 2	69	35.49	69.00	2,448.65
SLB-3 Bottom Bank	95A	26	1 - 2	0.021	0.97	0.02	0.02
SL-BH001467	96	299	1 - 2	5.7	11.07	5.70	63.10
RA-3-SB-11	97	850	1 - 2	0.32	31.49	0.32	10.08
RA-3-SB-11	97A	198	1 - 2	0.021	7.34	0.02	0.15
RA-3-SB-13	98	1,528	1 - 2	0.021	56.61	0.02	1.19
RA-3-SB-15	99	1,011	1 - 2	0.021	37.43	0.02	0.79
RA-4-SB-1	100	825	1 - 2	0.021	30.54	0.02	0.64
RA-4-SB-2	101	585	1 - 2	0.021	21.66	0.02	0.45
RA-4-SB-3	102	278	1 - 2	2.44	10.31	2.44	25.15
RA-4-SB-3	102A	243	1 - 2	0.021	9.01	0.02	0.19
RA-4-SB-4	103	588	1 - 2	1.71	21.77	1.71	37.23
RA-4-SB-5	104	737	1 - 2	15	27.31	15.00	409.65
RA-4-SB-6	105	727	1 - 2	1.47	26.94	1.47	39.61
RA-4-SB-7	106	780	1 - 2	0.36	28.88	0.36	10.40
SL-BS-0.83-1	107	688	1 - 2	0.076	25.49	0.08	1.94
SL-BS-0.50-1	108	90	1 - 2	0.069	3.32	0.07	0.23
RA-4-SB-9	109	844	1 - 2	0.81	31.26	0.81	25.32
RA-4-SB-10	110	794	1 - 2	1.7	29.40	1.70	49.99
SLB-4 Bottom Bank	111	164	1 - 2	0.195	6.08	0.20	1.18
RA-4-SB-12	112	791	1 - 2	58	29.31	58.00	1,699.72
RA-4-SB-13	113	973	1 - 2	0.92	36.02	0.92	33.14
RA-4-SB-11	114	680	1 - 2	0.11	25.20	0.11	2.77
Totals:	--	30,405	--	--	1,126.11	--	5,670.62
Volume-Weighted Average:							5.04

TABLE D-114
POST REMEDIATION CONDITIONS
UTILITY CORRIDOR ALONG SILVER LAKE BOULEVARD

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RA-2-SB-1	79	876	2 - 3	0.192	32.46	0.19	6.23
RA-2-SB-3	80	1,543	2 - 3	0.054	57.13	0.05	3.09
RA-2-SB-5	81	1,571	2 - 3	0.0185	58.19	0.02	1.08
RA-2-SB-7	82	1,091	2 - 3	0.019	40.41	0.02	0.77
RA-2-SB-8	83	686	2 - 3	31	25.42	31.00	787.92
RA-2-SB-9	84	1,366	2 - 3	0.043	50.61	0.04	2.18
RA-2-SB-11	85	768	2 - 3	0.027	28.44	0.03	0.77
RA-2-SB-11	85A	721	2 - 3	0.021	26.71	0.02	0.56
RA-3-SB-2	86	798	2 - 3	0.019	29.54	0.02	0.56
RA-3-SB-2	86A	627	2 - 3	0.021	23.22	0.02	0.49
RA-3-SB-4	87	1,172	2 - 3	0.0185	43.42	0.02	0.80
RA-3-SB-5-N	88	805	2 - 3	0.0185	29.82	0.02	0.55
RA-3-SB-6	89	715	2 - 3	0.029	26.49	0.03	0.77
RA-3-SB-7-N	90	671	2 - 3	0.0205	24.85	0.02	0.51
RA-3-SB-7-N	90A	6	2 - 3	0.021	0.24	0.02	0.01
RA-3-SB-8	91	300	2 - 3	0.028	11.10	0.03	0.31
RA-3-SB-8	91A, 91B	318	2 - 3	0.021	11.78	0.02	0.25
RA-3-SB-9	92	584	2 - 3	0.021	21.63	0.02	0.45
RA-3-SB-10	93	396	2 - 3	0.08	14.66	0.08	1.17
RA-3-SB-10	93A	188	2 - 3	0.021	6.96	0.02	0.15
SL-BH001466	94	545	2 - 3	0.021	20.17	0.02	0.42
SLB-3 Bottom Bank	95	958	2 - 3	69	35.49	69.00	2,448.65
SLB-3 Bottom Bank	95A	26	2 - 3	0.021	0.97	0.02	0.02
SL-BH001467	96	299	2 - 3	5.7	11.07	5.70	63.10
RA-3-SB-11	97	850	2 - 3	0.32	31.49	0.32	10.08
RA-3-SB-11	97A	198	2 - 3	0.021	7.34	0.02	0.15
RA-3-SB-13	98	1,528	2 - 3	0.021	56.61	0.02	1.19
RA-3-SB-15	99	1,011	2 - 3	0.021	37.43	0.02	0.79
RA-4-SB-1	100	825	2 - 3	0.021	30.54	0.02	0.64
RA-4-SB-2	101	585	2 - 3	0.021	21.66	0.02	0.45
RA-4-SB-3	102	278	2 - 3	2.44	10.31	2.44	25.15
RA-4-SB-3	102A	243	2 - 3	0.021	9.01	0.02	0.19
RA-4-SB-4	103	588	2 - 3	1.71	21.77	1.71	37.23
RA-4-SB-5	104	737	2 - 3	15	27.31	15.00	409.65
RA-4-SB-6	105	727	2 - 3	1.47	26.94	1.47	39.61
RA-4-SB-7	106	780	2 - 3	0.36	28.88	0.36	10.40
SL-BS-0.83-1	107	688	2 - 3	0.076	25.49	0.08	1.94
SL-BS-0.50-1	108	90	2 - 3	0.069	3.32	0.07	0.23
RA-4-SB-9	109	844	2 - 3	0.81	31.26	0.81	25.32
RA-4-SB-10	110	794	2 - 3	1.7	29.40	1.70	49.99
SLB-4 Bottom Bank	111	164	2 - 3	0.195	6.08	0.20	1.18
RA-4-SB-12	112	791	2 - 3	58	29.31	58.00	1,699.72
RA-4-SB-13	113	973	2 - 3	0.92	36.02	0.92	33.14
RA-4-SB-11	114	680	2 - 3	0.11	25.20	0.11	2.77
Totals:	--	30,405	--	--	1,126.11	--	5,670.62
Volume-Weighted Average:							5.04

**TABLE D-114
POST REMEDIATION CONDITIONS
UTILITY CORRIDOR ALONG SILVER LAKE BOULEVARD**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

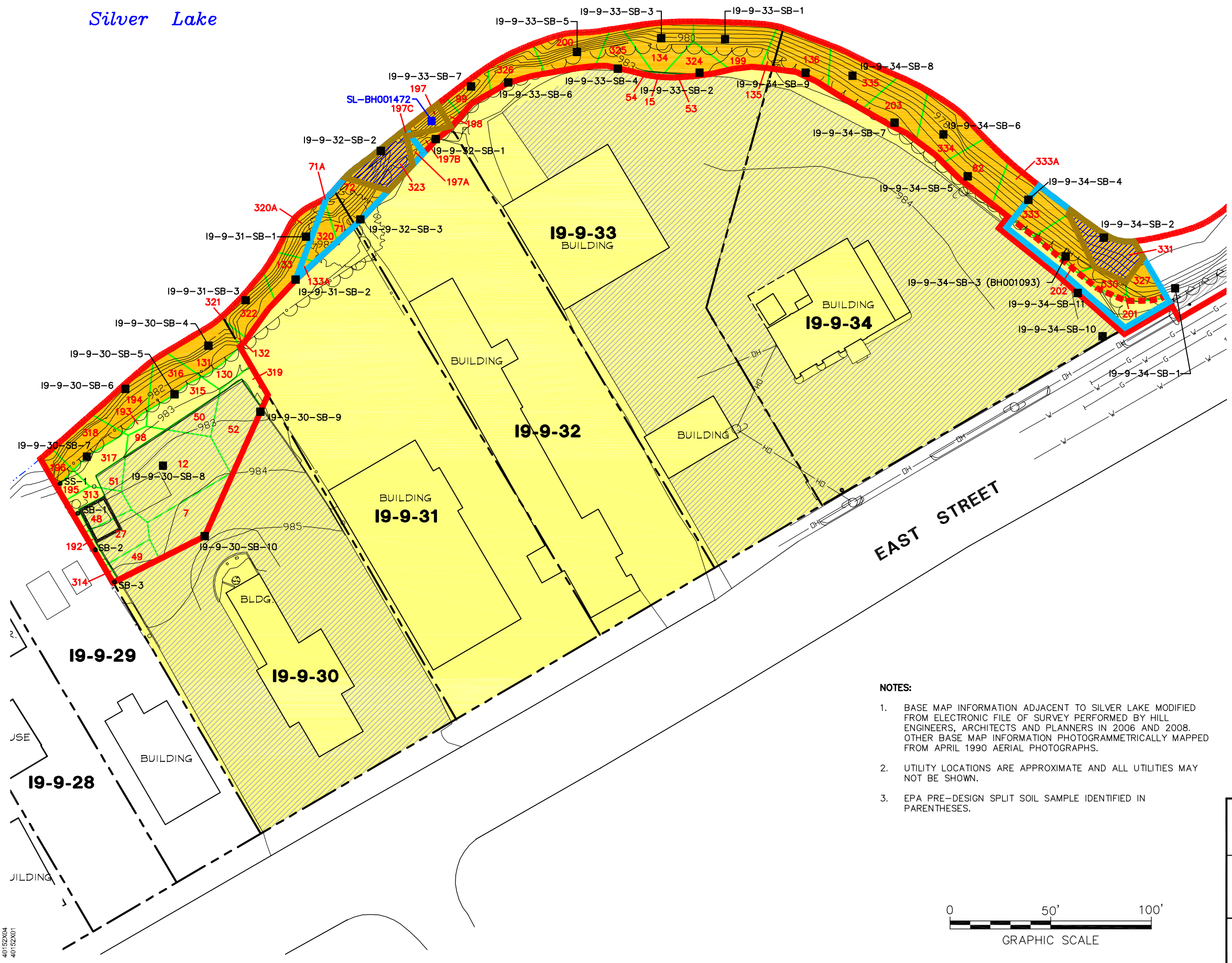
Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	30,405	--	--	3,378.34	--	14,115.09
Volume-Weighted Average:						4.18	

Notes:

1. Polygon ID and area based on information shown on Figures D-56 through D-59.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation.
The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

Silver Lake

CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/DMW/KEW LD: DMW PIC: PW.A. RIZZO TM: L.YR. ON/OFF: REF*
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 XREFS: 40152X00
 40152X04
 40152X01

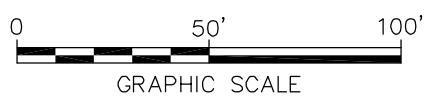


LEGEND:
 APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)

- APPROXIMATE PROPERTY LINE
- 19-9-30** PROPERTY ID
- 980 — SURFACE ELEVATION (1-FT CONTOUR)
- ~ ~ ~ EDGE OF BUSHES
- > > > GUARDRAIL
- · — WOODEN FENCE
- x — WIRE FENCE
- o — CHAIN LINK FENCE
- DECIDUOUS TREE
- UTILITY POLE
- DH — OVERHEAD ELECTRIC
- G — GAS LINE
- W — WATER LINE
- COMMERCIAL PROPERTY
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- ▨ PAVED AREAS
- HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION
- PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
- APRIL 2008 EPA SOIL SAMPLE LOCATIONS
- MEAN WATER ELEV (975.9) (APPROXIMATE)

- △ HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- 315 POLYGON ID
- AREA PROPOSED FOR PCB SOIL REMOVAL
- AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL
- AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL

- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
 3. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.



GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

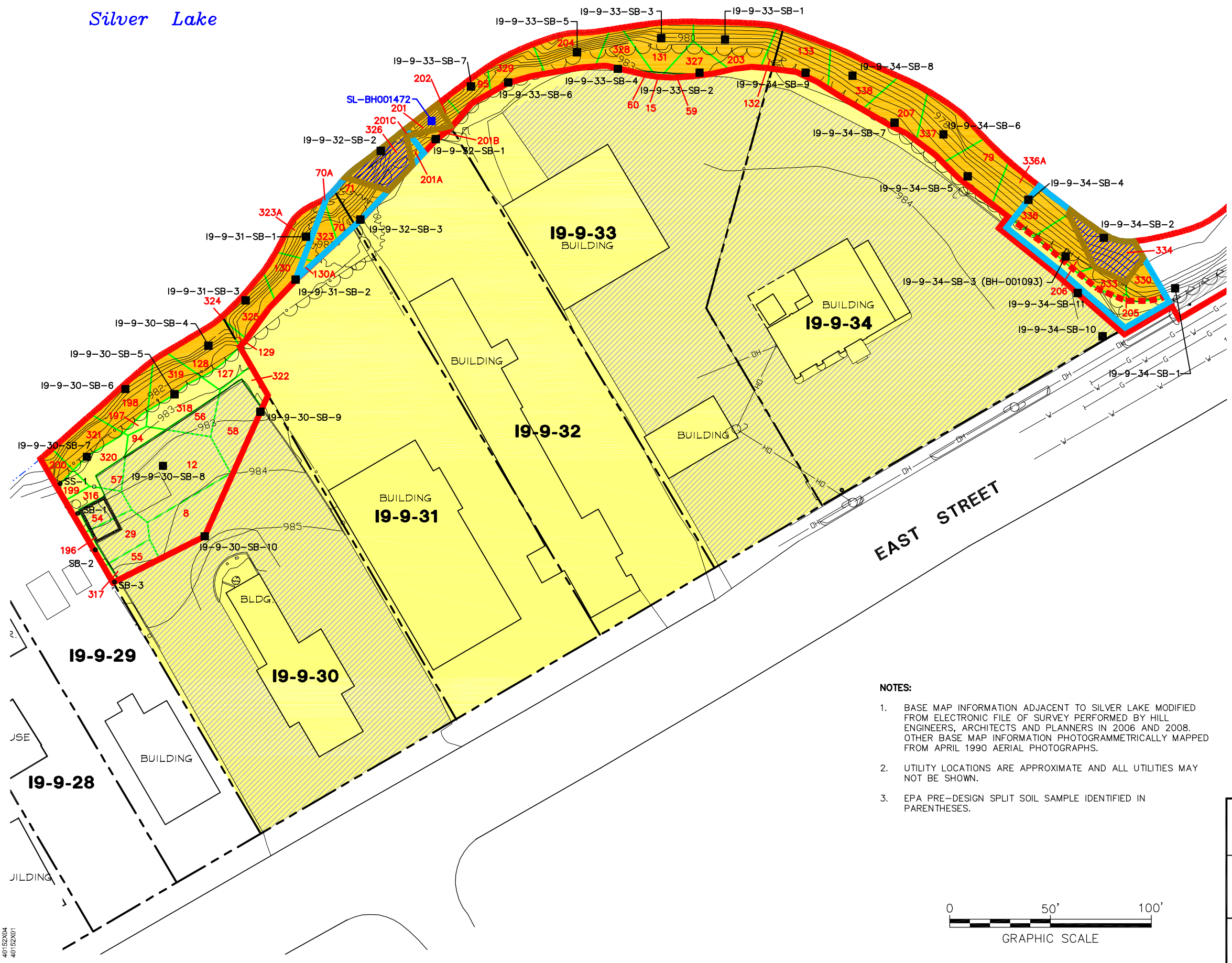
**PARCELS 19-9-30 THROUGH -34
 THEISSEN POLYGON MAP
 0- TO 0.5-FOOT DEPTH INCREMENT**

ARCADIS

FIGURE
D-1

Silver Lake

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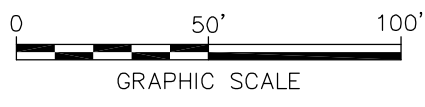


LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- 19-9-30** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- GUARDRAIL
- WOODEN FENCE
- WIRE FENCE
- CHAIN LINK FENCE
- DECIDUOUS TREE
- UTILITY POLE
- OVERHEAD ELECTRIC
- GAS LINE
- WATER LINE
- COMMERCIAL PROPERTY
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- PAVED AREAS
- HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION
- PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
- APRIL 2008 EPA SOIL SAMPLE LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- 131** POLYGON ID
- AREA PROPOSED FOR PCB SOIL REMOVAL
- AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL
- AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
3. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.



GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

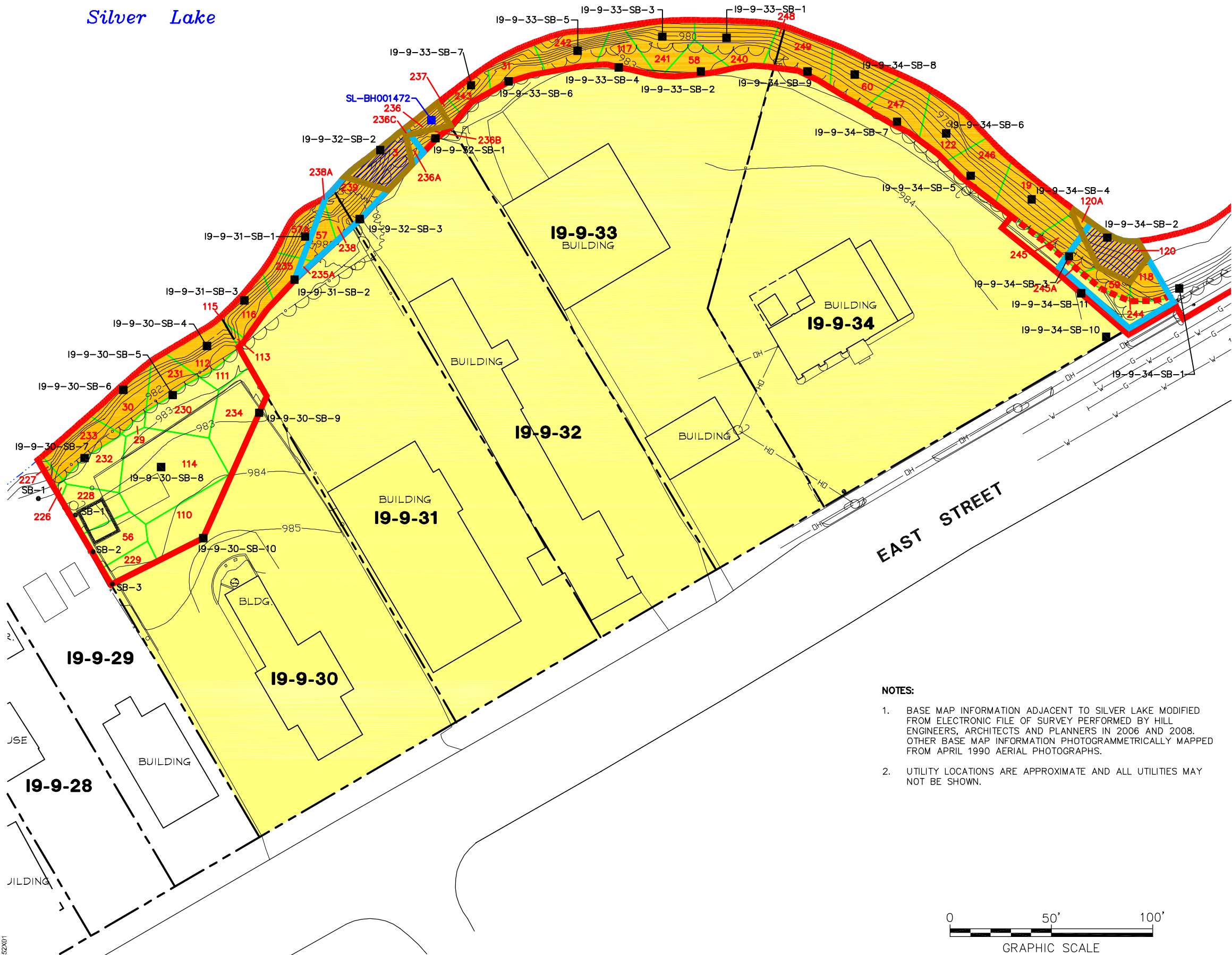
**PARCELS 19-9-30 THROUGH -34
 THEISSEN POLYGON MAP
 0.5- TO 1-FOOT DEPTH INCREMENT**

ARCADIS

FIGURE
D-2

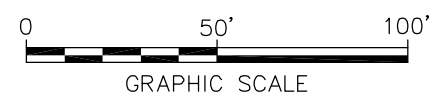
Silver Lake

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- LEGEND:**
- — — — — APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
 - - - - - APPROXIMATE PROPERTY LINE
 - 19-9-30** PROPERTY ID
 - 980 — SURFACE ELEVATION (1-FT CONTOUR)
 - EDGE OF BUSHES
 - GUARDRAIL
 - WOODEN FENCE
 - WIRE FENCE
 - CHAIN LINK FENCE
 - DECIDUOUS TREE
 - UTILITY POLE
 - OVERHEAD ELECTRIC
 - GAS LINE
 - WATER LINE
 - COMMERCIAL PROPERTY
 - BANK PORTIONS OF COMMERCIAL PROPERTIES
 - HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION
 - PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
 - APRIL 2008 EPA SOIL SAMPLE LOCATION
 - - - - - MEAN WATER ELEV (975.9) (APPROXIMATE)
 - ▭ HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
 - 315 POLYGON ID
 - AREA PROPOSED FOR PCB SOIL REMOVAL
 - AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL
 - AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL

- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.



GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**PARCELS 19-9-30 THROUGH -34
 THEISSEN POLYGON MAP
 2- TO 3-FOOT DEPTH INCREMENT**

ARCADIS

FIGURE
D-4

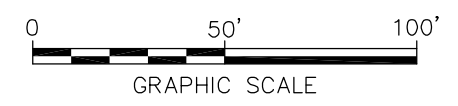
Silver Lake

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- LEGEND:**
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
 - APPROXIMATE PROPERTY LINE
 - 19-9-30** PROPERTY ID
 - SURFACE ELEVATION (1-FT CONTOUR)
 - EDGE OF BUSHES
 - GUARDRAIL
 - WOODEN FENCE
 - WIRE FENCE
 - CHAIN LINK FENCE
 - DECIDUOUS TREE
 - UTILITY POLE
 - OVERHEAD ELECTRIC
 - GAS LINE
 - WATER LINE
 - COMMERCIAL PROPERTY
 - BANK PORTIONS OF COMMERCIAL PROPERTIES
 - HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION
 - PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
 - MEAN WATER ELEV (975.9) (APPROXIMATE)
 - HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
 - 137** POLYGON ID

- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.



GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**PARCEL 19-9-30
 THEISSEN POLYGON MAP
 3- TO 4-FOOT DEPTH INCREMENT**

ARCADIS

FIGURE
D-5

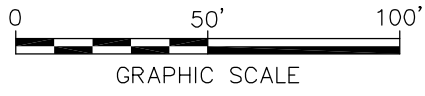
Silver Lake

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- LEGEND:**
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
 - APPROXIMATE PROPERTY LINE
 - 19-9-30** PROPERTY ID
 - SURFACE ELEVATION (1-FT CONTOUR)
 - EDGE OF BUSHES
 - GUARDRAIL
 - WOODEN FENCE
 - WIRE FENCE
 - CHAIN LINK FENCE
 - DECIDUOUS TREE
 - UTILITY POLE
 - OVERHEAD ELECTRIC
 - GAS LINE
 - WATER LINE
 - COMMERCIAL PROPERTY
 - BANK PORTIONS OF COMMERCIAL PROPERTIES
 - HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION
 - PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
 - MEAN WATER ELEV (975.9) (APPROXIMATE)
 - HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
 - 79** POLYGON ID

- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.



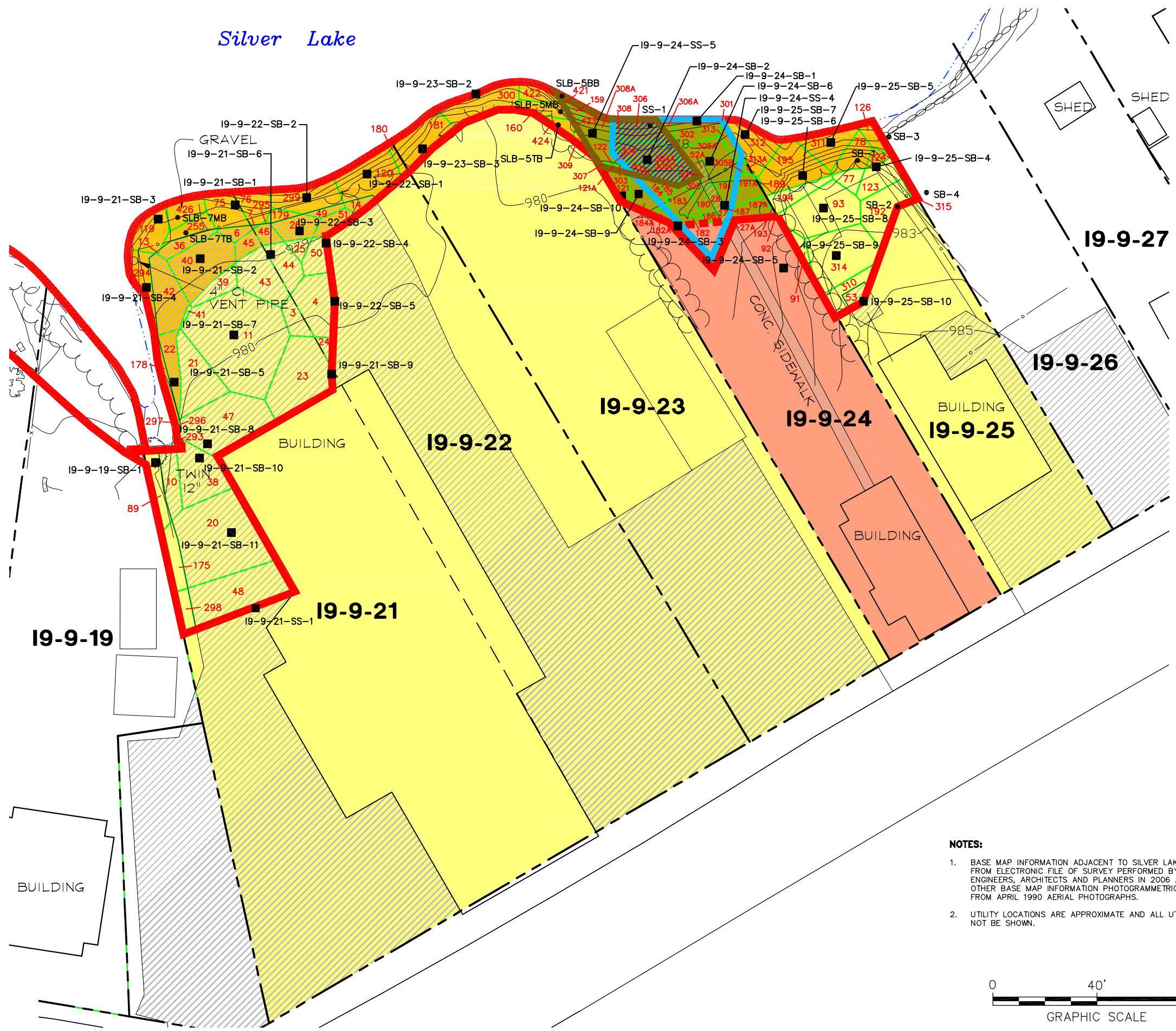
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**PARCEL 19-9-30
 THEISSEN POLYGON MAP
 4- TO 5-FOOT DEPTH INCREMENT**

ARCADIS

FIGURE
D-6

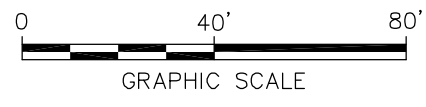
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LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-23** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- WIRE FENCE
- CHAIN LINK FENCE
- RETAINING WALL
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- RESIDENTIAL PROPERTY
- COMMERCIAL PROPERTY
- PAVED AREAS
- HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION
- PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- 11** POLYGON ID
- AREA PROPOSED FOR PCB SOIL REMOVAL
- AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL
- AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL

- NOTES:**
- BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPEE FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 - UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.

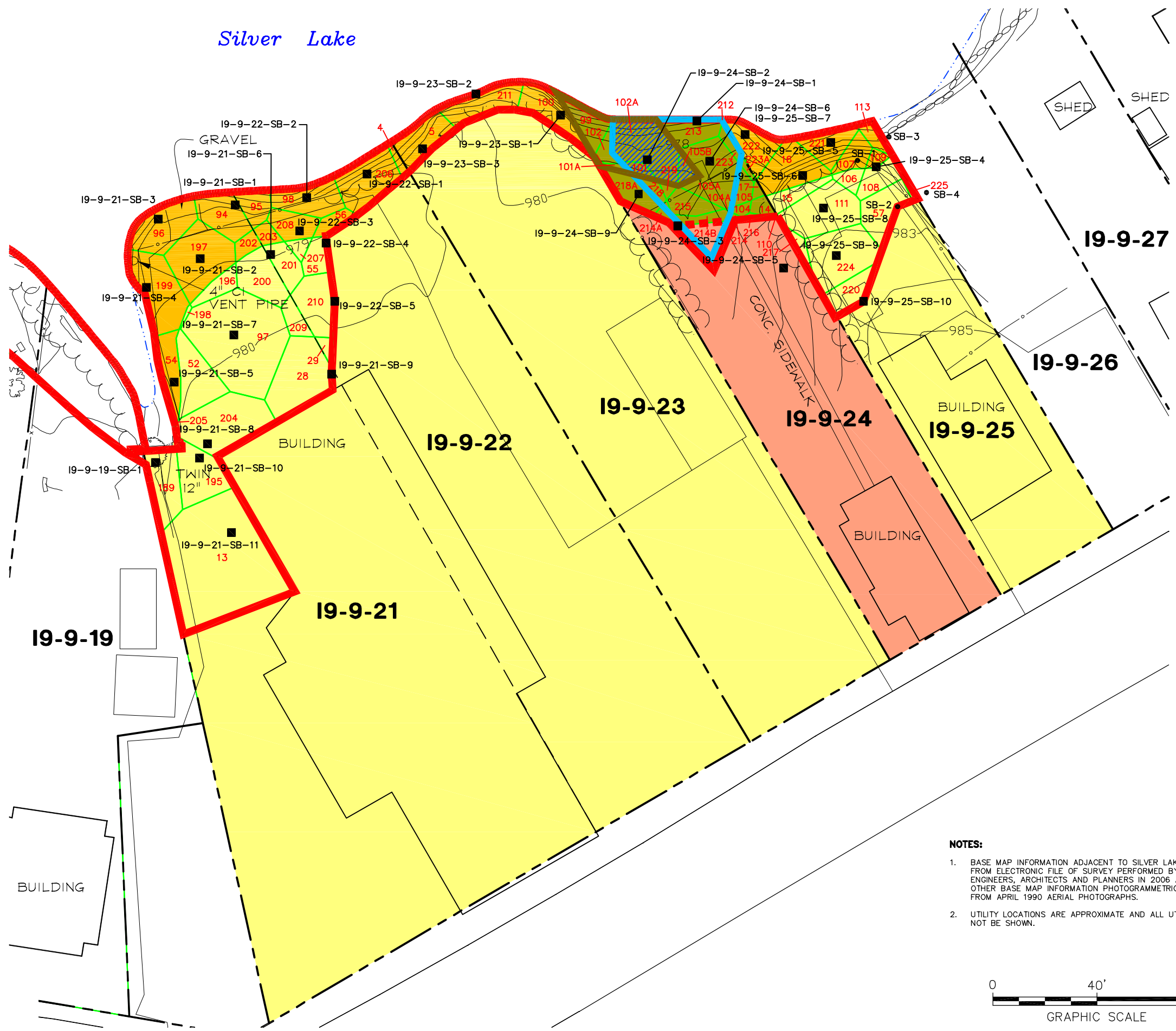


GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**
**PARCELS 19-9-21 THROUGH -25
 THEISSEN POLYGON MAP
 0.5- TO 1-FOOT DEPTH INCREMENT**



FIGURE
D-9

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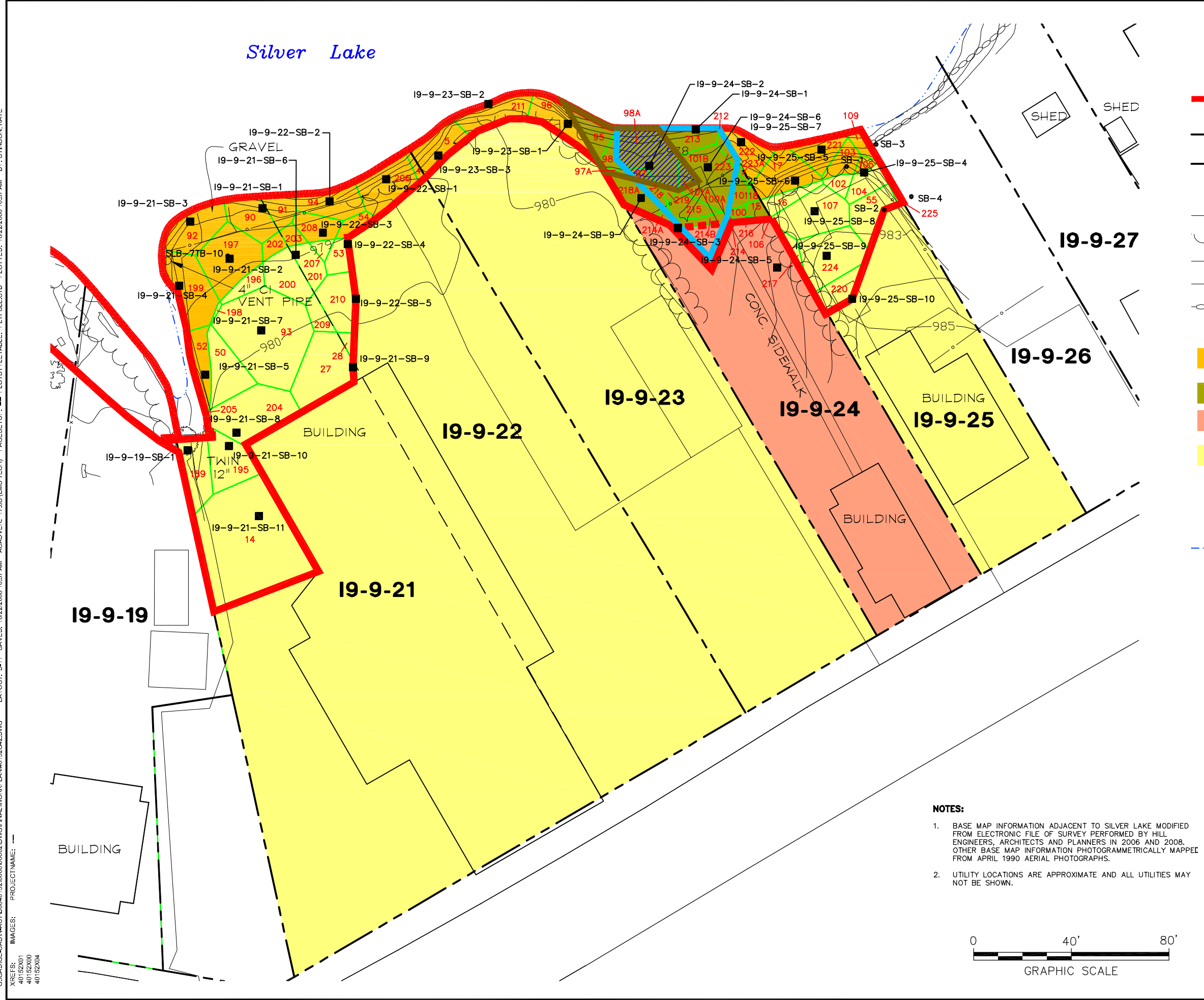
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-23** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- WIRE FENCE
- CHAIN LINK FENCE
- RETAINING WALL
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- RESIDENTIAL PROPERTY
- COMMERCIAL PROPERTY
- HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION
- PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- 177** POLYGON ID
- AREA PROPOSED FOR PCB SOIL REMOVAL
- AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL
- AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL

- NOTES:**
- BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPEE FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 - UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.



GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**
**PARCELS 19-9-21 THROUGH -25
 THEISSEN POLYGON MAP
 1- TO 2-FOOT DEPTH INCREMENT**

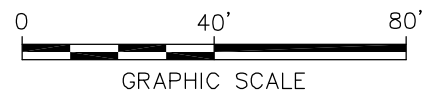
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LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-23** PROPERTY ID
- 980 SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- WIRE FENCE
- CHAIN LINK FENCE
- RETAINING WALL
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- RESIDENTIAL PROPERTY
- COMMERCIAL PROPERTY
- HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION
- PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- POLYGON ID
- AREA PROPOSED FOR PCB SOIL REMOVAL
- AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL
- AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL

- NOTES:**
- BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPEE FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 - UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.



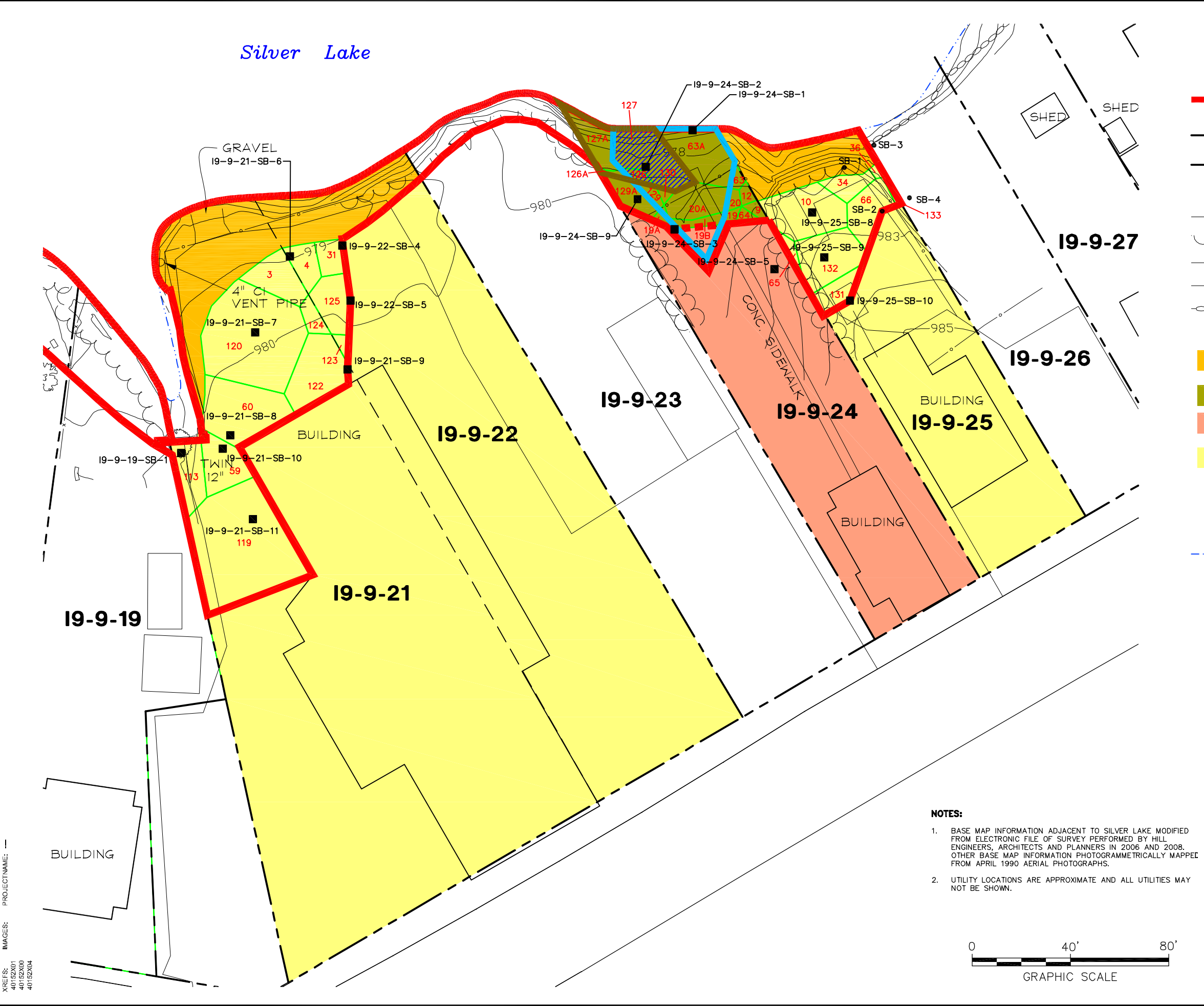
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
FOR SOILS ADJACENT TO SILVER LAKE**

**PARCELS 19-9-21 THROUGH -25
THEISSEN POLYGON MAP
2- TO 3-FOOT DEPTH INCREMENT**

ARCADIS

FIGURE
D-11

CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/LAF LD: DMW PIC: PIR A. RIZZO TM: LVR: ON/OFF=REF*
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 XREFS: 40152X01 40152X00 40152X04



LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-23** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- WIRE FENCE
- CHAIN LINK FENCE
- RETAINING WALL
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- RESIDENTIAL PROPERTY
- COMMERCIAL PROPERTY
- HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION
- PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- 63** POLYGON ID
- AREA PROPOSED FOR PCB SOIL REMOVAL
- AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL
- AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL

- NOTES:**
- BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPEE FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 - UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.



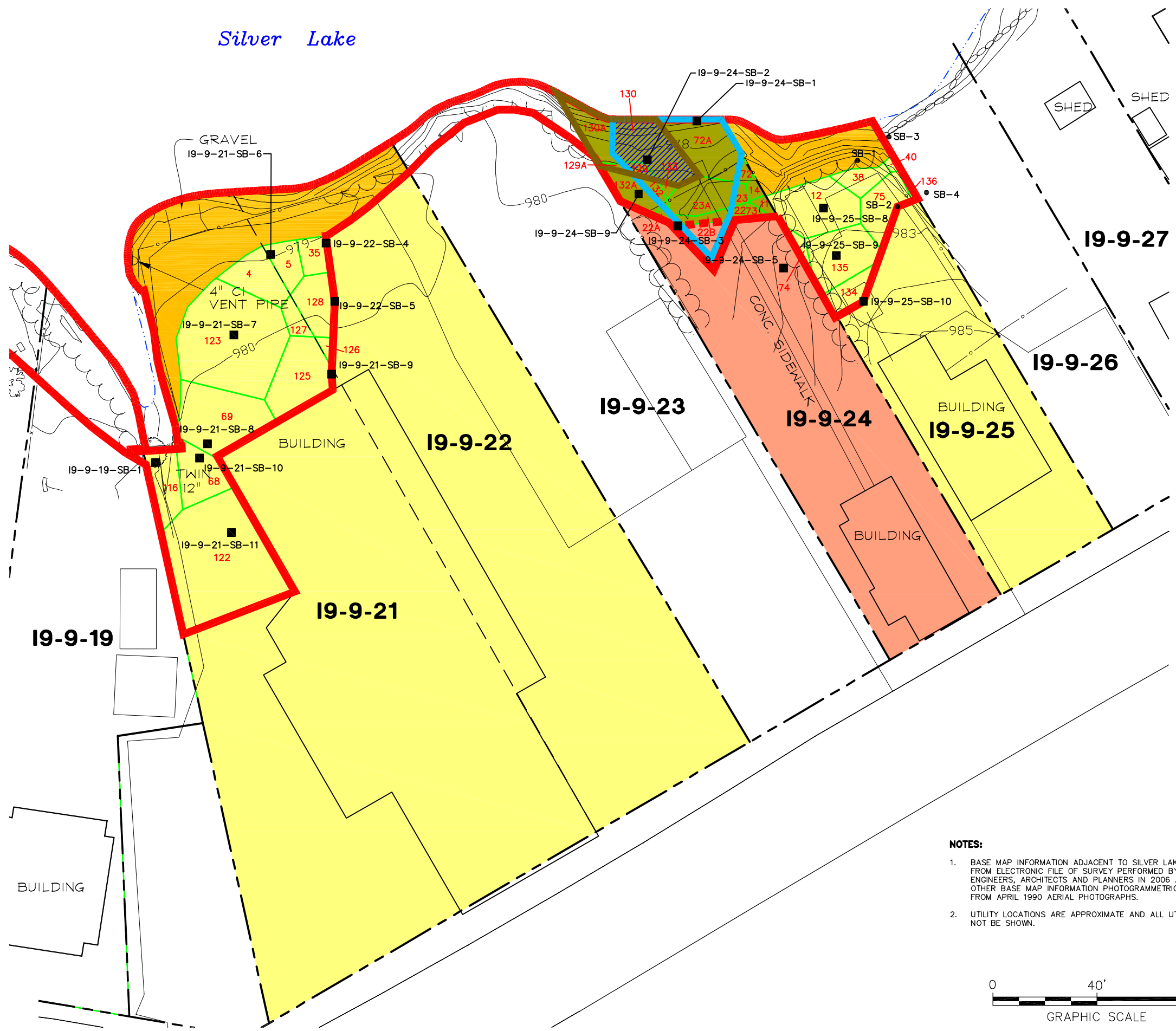
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**PARCELS 19-9-21/-22, -24, AND -25
 THEISSEN POLYGON MAP
 3- TO 4-FOOT DEPTH INCREMENT**

ARCADIS

FIGURE
D-12

CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/LAF LD: DMW PIC: PIR/A. RIZZO TM: LVR: ON/OFF=REF*
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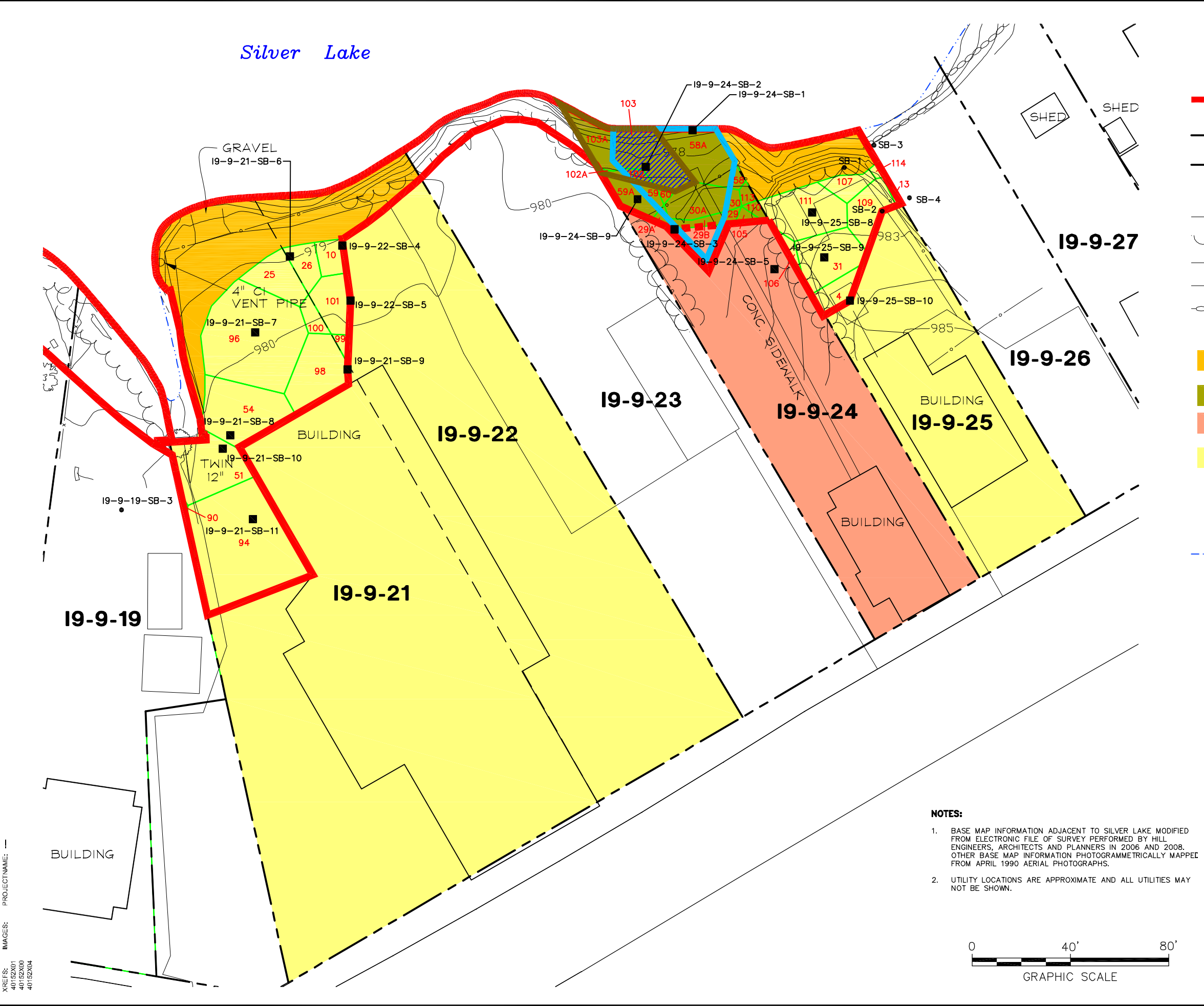
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-23** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- WIRE FENCE
- CHAIN LINK FENCE
- RETAINING WALL
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- RESIDENTIAL PROPERTY
- COMMERCIAL PROPERTY
- HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION
- PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- 127** POLYGON ID
- AREA PROPOSED FOR PCB SOIL REMOVAL
- AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL
- AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL

- NOTES:**
- BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPEP FROM APRIL 1990 AERIAL PHOTOGRAPHS.
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 FOR SOILS ADJACENT TO SILVER LAKE**
PARCELS 19-9-21/-22, -24, AND -25
THEISSEN POLYGON MAP
4- TO 5-FOOT DEPTH INCREMENT

CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/LAF LD: DMW PIC: PIR A. RIZZO TM: LVR: ON/OFF=REF*
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 XREFS: 40152X01
 40152X00
 40152X04



LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-23** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- WIRE FENCE
- CHAIN LINK FENCE
- RETAINING WALL
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- RESIDENTIAL PROPERTY
- COMMERCIAL PROPERTY
- HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION
- PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- POLYGON ID
- AREA PROPOSED FOR PCB SOIL REMOVAL
- AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL
- AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPEE FROM APRIL 1990 AERIAL PHOTOGRAPHS.
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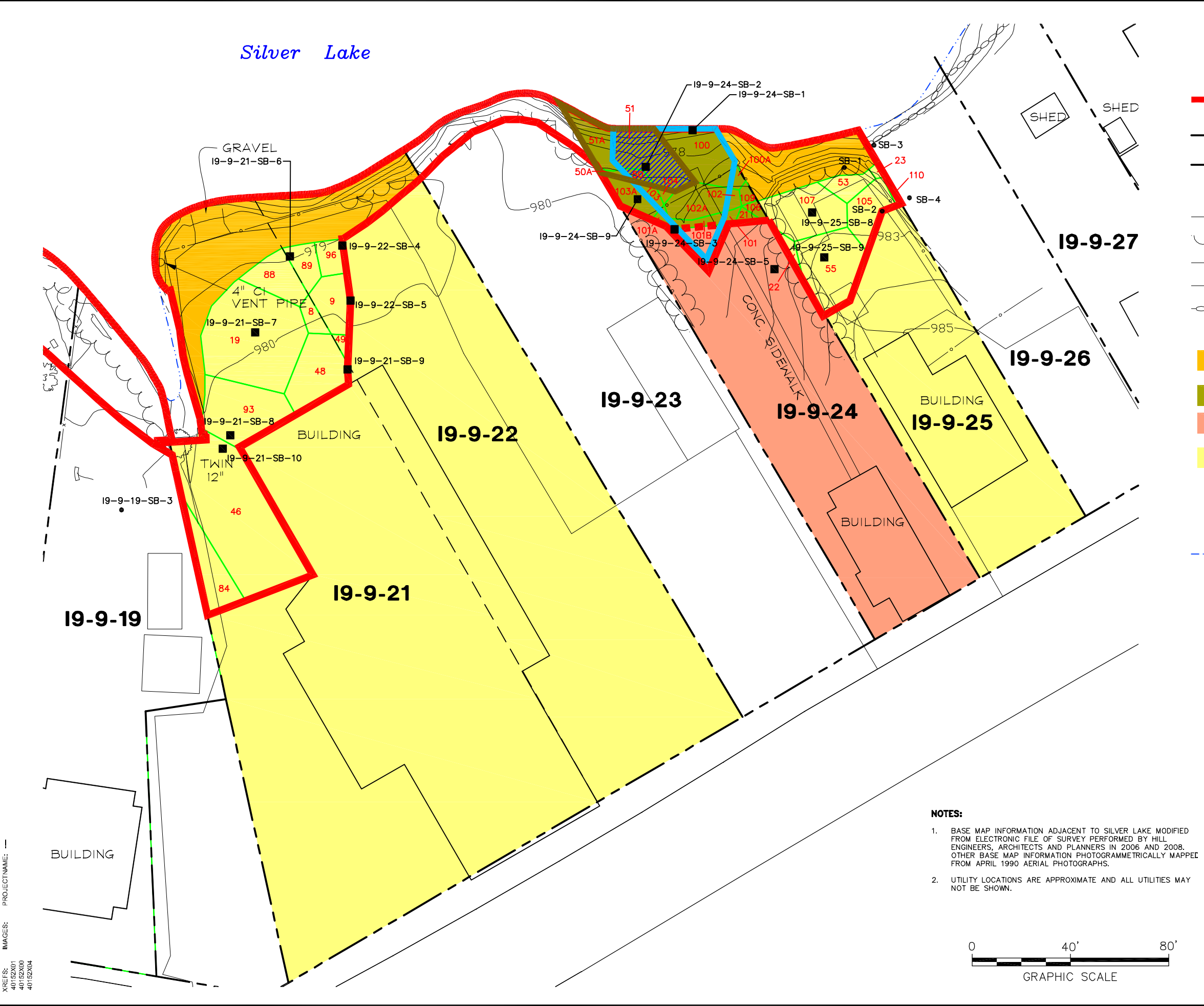


GENERAL ELECTRIC COMPANY
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FOR SOILS ADJACENT TO SILVER LAKE
PARCELS 19-9-21/-22, -24, AND -25
THEISSEN POLYGON MAP
5- TO 6-FOOT DEPTH INCREMENT



FIGURE
D-14

CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/LAF LD: DMW PIC: PIR A. RIZZO TM: LVR: ON/OFF=REF*
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 XREFS: 40152X01 40152X00 40152X04
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LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-23** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- WIRE FENCE
- CHAIN LINK FENCE
- RETAINING WALL
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- RESIDENTIAL PROPERTY
- COMMERCIAL PROPERTY
- HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION
- PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- 177 POLYGON ID
- AREA PROPOSED FOR PCB SOIL REMOVAL
- AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL
- AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL

NOTES:

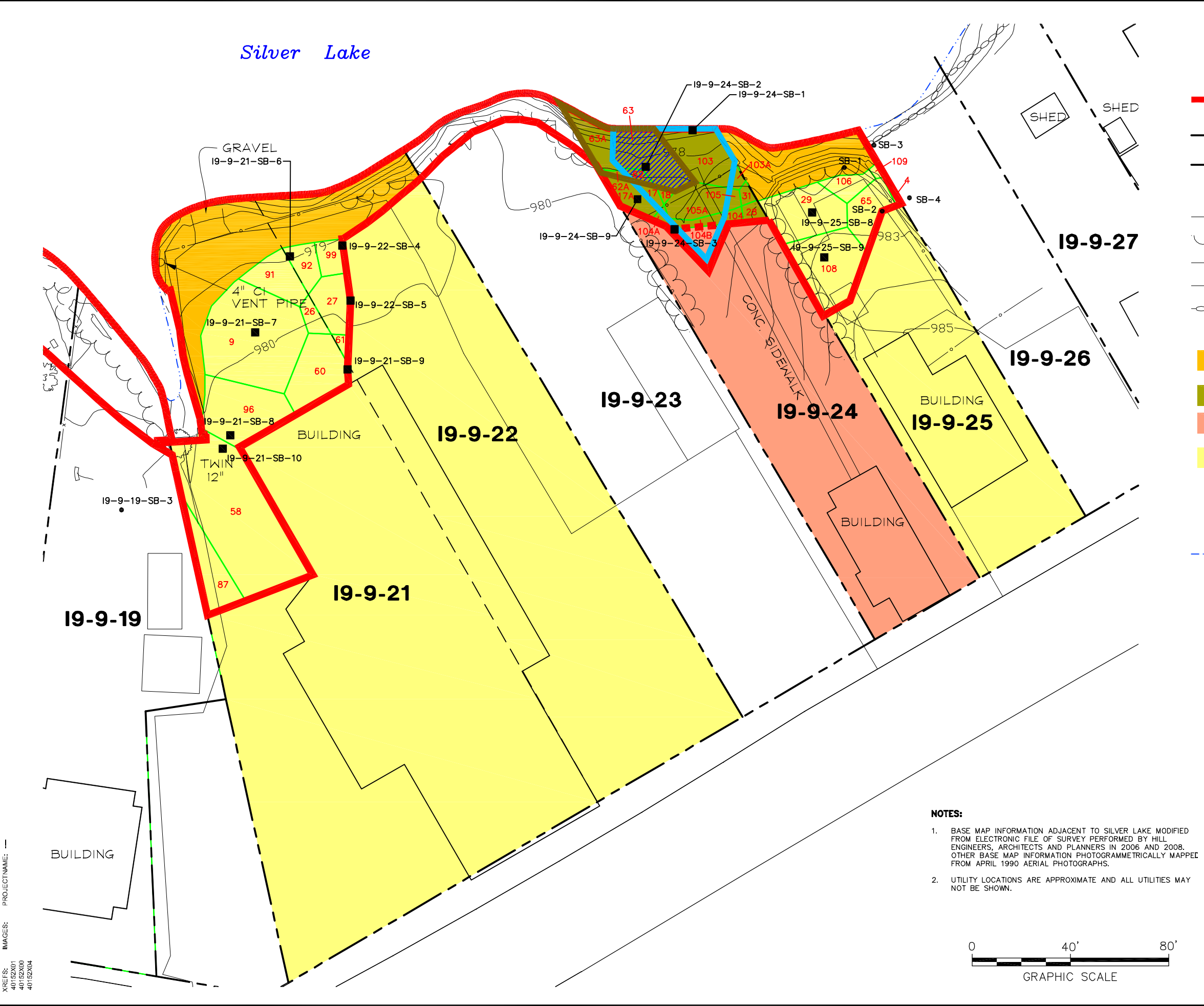
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPEP FROM APRIL 1990 AERIAL PHOTOGRAPHS.
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**PARCELS 19-9-21/-22, -24, AND -25
 THEISSEN POLYGON MAP
 6- TO 7-FOOT DEPTH INCREMENT**



CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/LAF LD: DMW PIC: PIR/A. RIZZO TM: LVR: ON/OFF=REF*
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LEGEND:

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- APPROXIMATE PROPERTY LINE
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-23** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- WIRE FENCE
- CHAIN LINK FENCE
- RETAINING WALL
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- RESIDENTIAL PROPERTY
- COMMERCIAL PROPERTY
- HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION
- PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- 108 POLYGON ID
- AREA PROPOSED FOR PCB SOIL REMOVAL
- AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL
- AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL

NOTES:

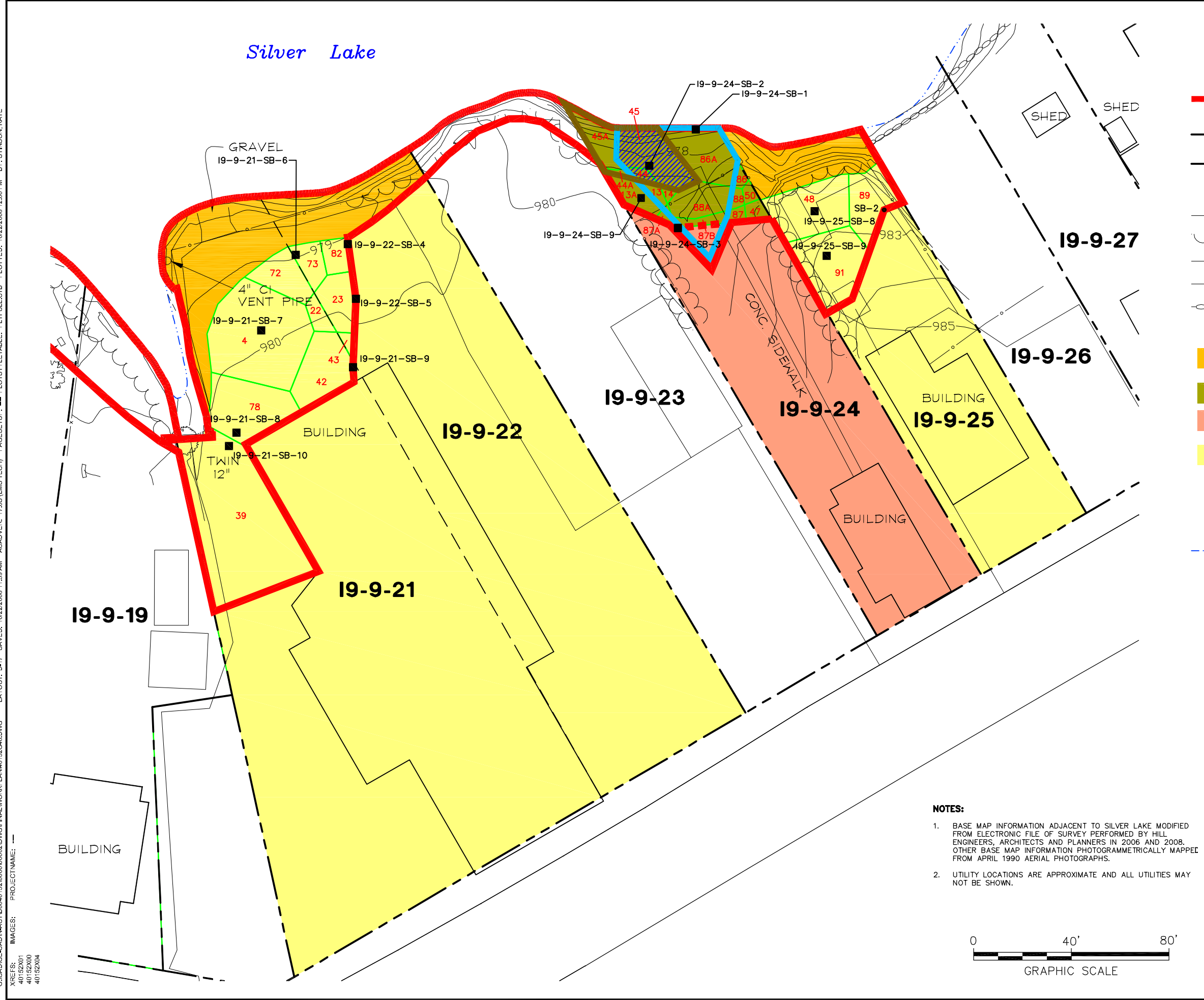
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPEE FROM APRIL 1990 AERIAL PHOTOGRAPHS.
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PARCELS 19-9-21/-22, -24, AND -25
THEISSEN POLYGON MAP
7- TO 8-FOOT DEPTH INCREMENT



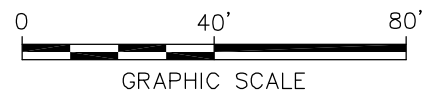
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 IMAGES: PROJECTNAME: ---



LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-23** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- WIRE FENCE
- CHAIN LINK FENCE
- RETAINING WALL
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- RESIDENTIAL PROPERTY
- COMMERCIAL PROPERTY
- HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION
- PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- 91** POLYGON ID
- AREA PROPOSED FOR PCB SOIL REMOVAL
- AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL
- AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL

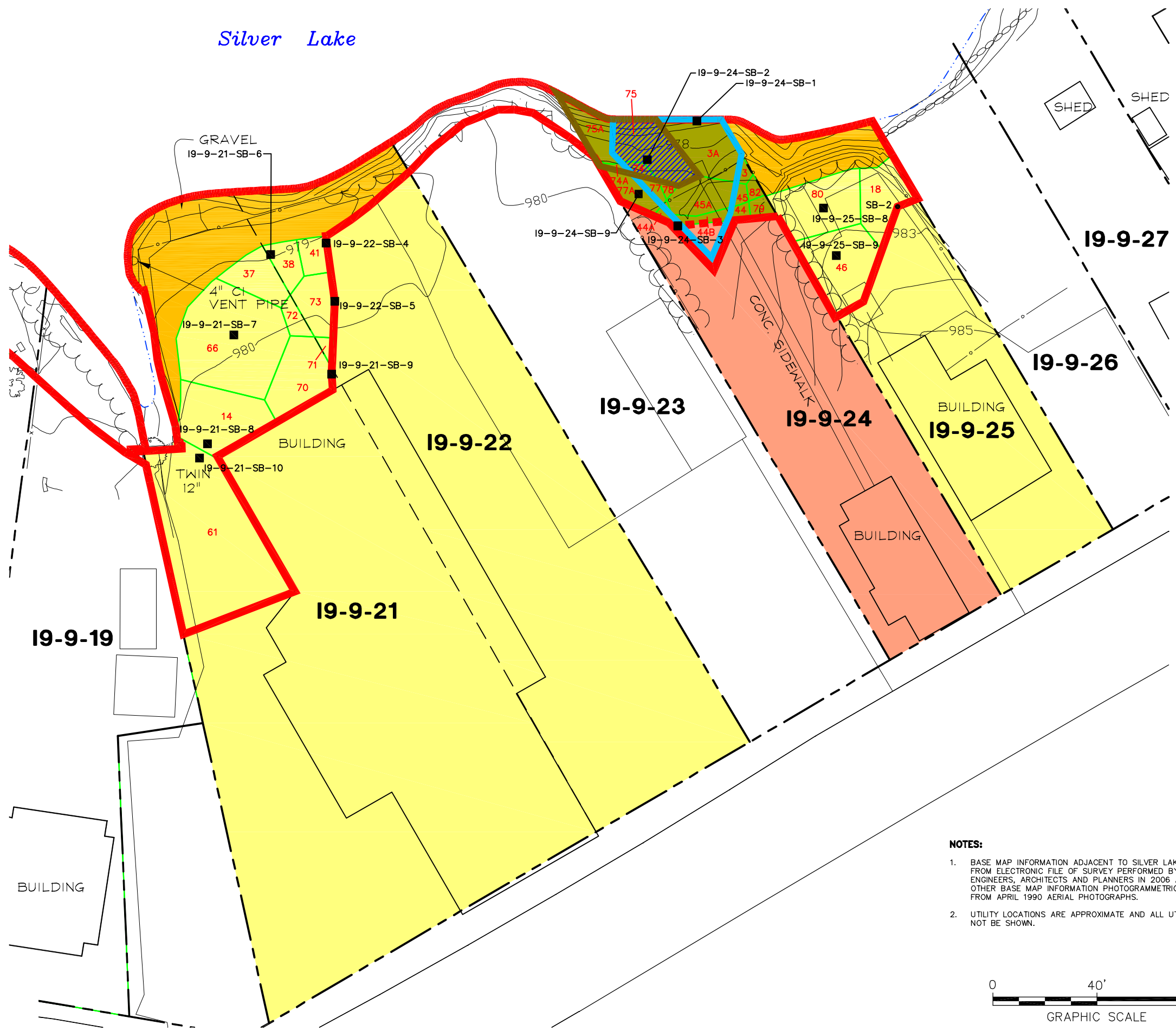
- NOTES:**
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**PARCELS 19-9-21/-22, -24, AND -25
 THEISSEN POLYGON MAP
 8- TO 9-FOOT DEPTH INCREMENT**



CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/LAF LD: DMW PIC: PIR A. RIZZO TM: LVR: ON/OFF=REF*
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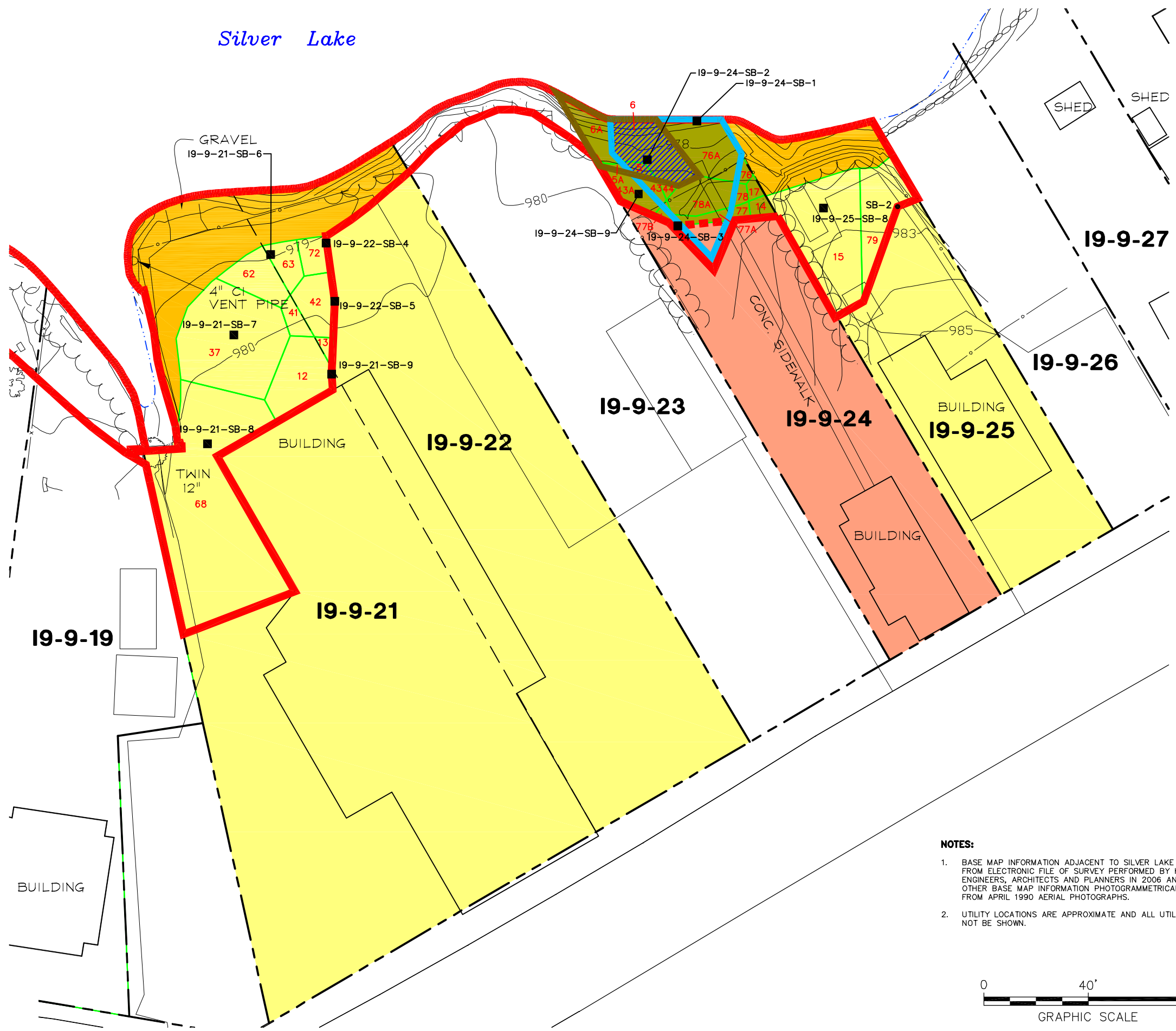
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-23** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- WIRE FENCE
- CHAIN LINK FENCE
- RETAINING WALL
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- RESIDENTIAL PROPERTY
- COMMERCIAL PROPERTY
- HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION
- PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- 80 POLYGON ID
- AREA PROPOSED FOR PCB SOIL REMOVAL
- AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL
- AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL

- NOTES:**
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PARCELS 19-9-21/-22, -24, AND -25
THEISSEN POLYGON MAP
9- TO 10-FOOT DEPTH INCREMENT

CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/LAF LD: DMW PIC: PK: A. RIZZO TM: LVR: ON/ OFF=REF*
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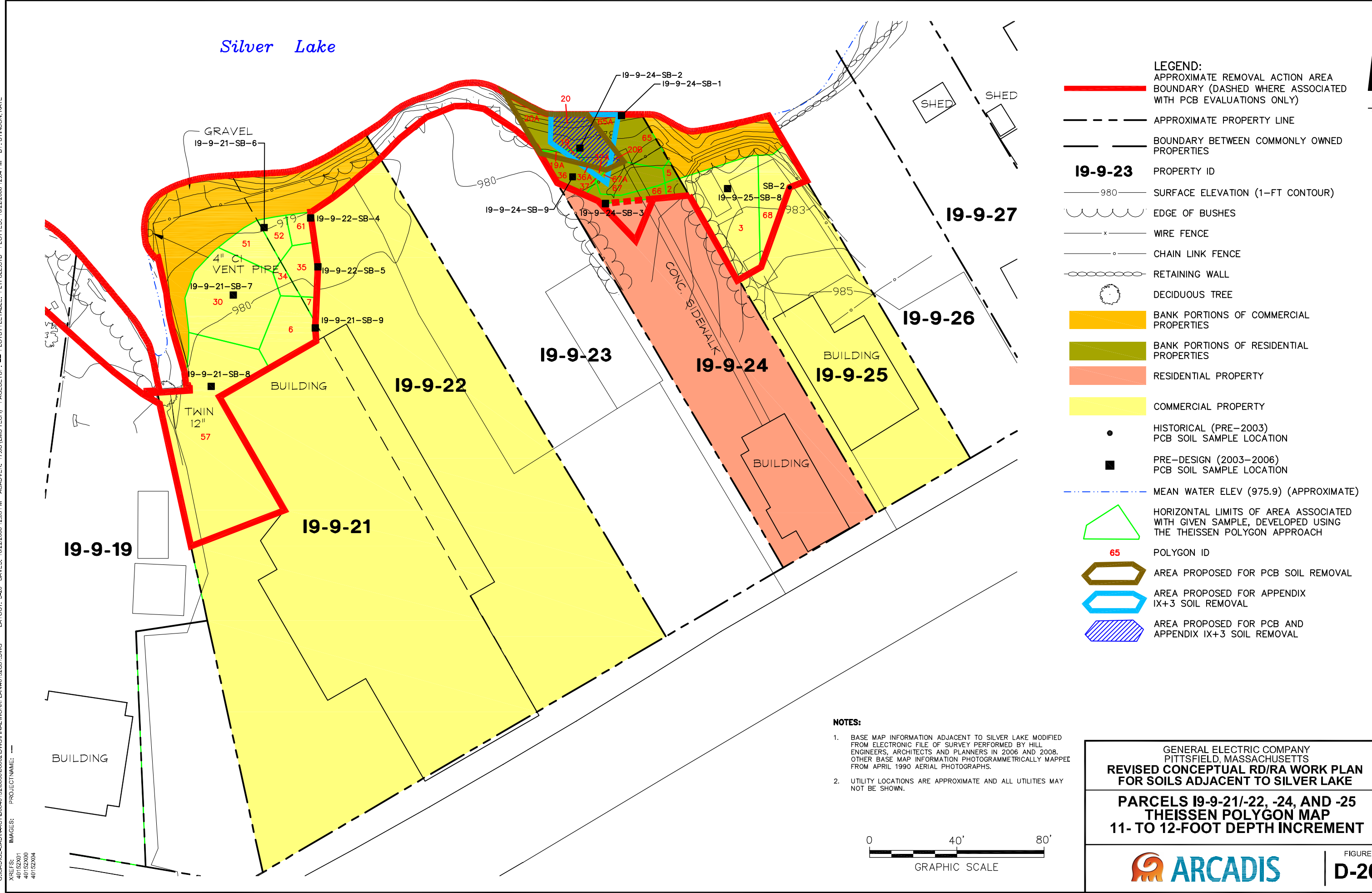
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- - - APPROXIMATE PROPERTY LINE
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-23** PROPERTY ID
- 980— SURFACE ELEVATION (1-FT CONTOUR)
- ~ EDGE OF BUSHES
- x- WIRE FENCE
- o- CHAIN LINK FENCE
- ⊗ RETAINING WALL
- ⊙ DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- RESIDENTIAL PROPERTY
- COMMERCIAL PROPERTY
- HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION
- PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- 76 POLYGON ID
- AREA PROPOSED FOR PCB SOIL REMOVAL
- AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL
- AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL

- NOTES:**
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THEISSEN POLYGON MAP
10- TO 11-FOOT DEPTH INCREMENT

CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/LAF LD: DMW PIC: PIR A. RIZZO TM: LVR: ON/OFF=REF*
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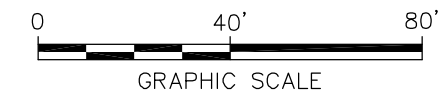


LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- - - APPROXIMATE PROPERTY LINE
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
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- 980— SURFACE ELEVATION (1-FT CONTOUR)
- ~ EDGE OF BUSHES
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- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
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- AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL

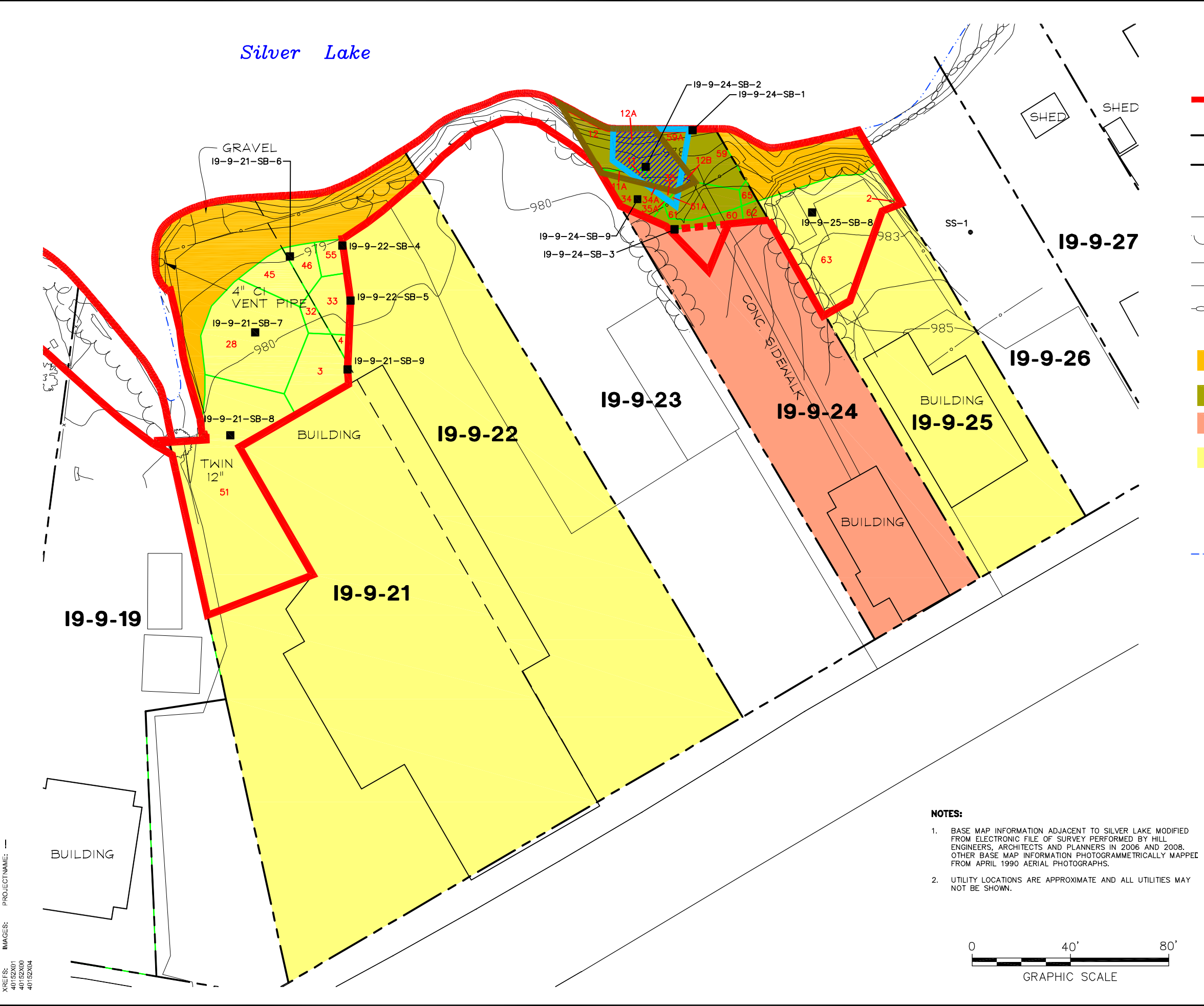
NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPEE FROM APRIL 1990 AERIAL PHOTOGRAPHS.
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THEISSEN POLYGON MAP
11- TO 12-FOOT DEPTH INCREMENT

CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/LAF LD: DMW PIC: PIR A. RIZZO TM: LVR: ON/OFF=REF*
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LEGEND:

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- BANK PORTIONS OF COMMERCIAL PROPERTIES
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- RESIDENTIAL PROPERTY
- COMMERCIAL PROPERTY
- HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION
- PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- 177 POLYGON ID
- AREA PROPOSED FOR PCB SOIL REMOVAL
- AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL
- AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL

NOTES:

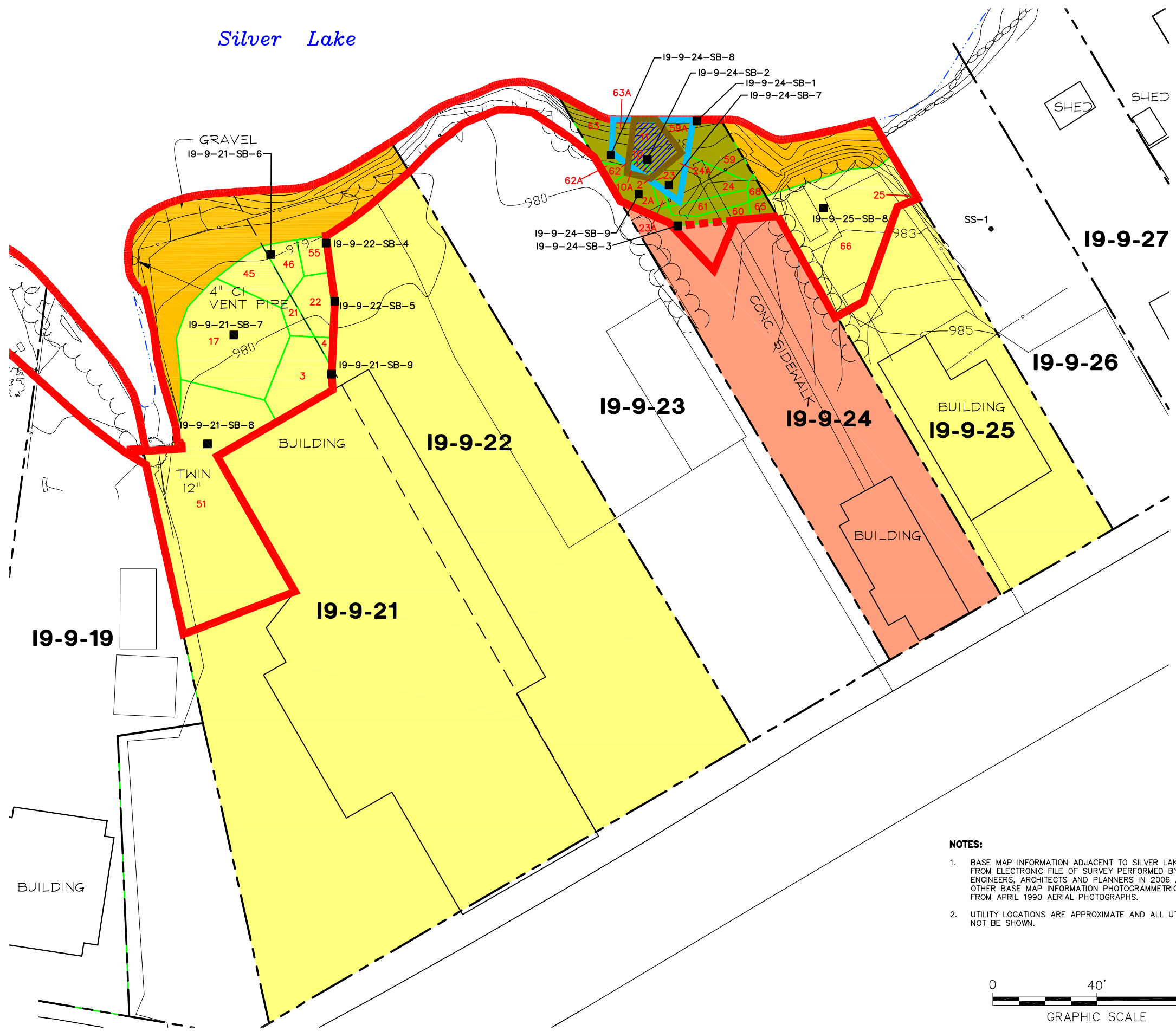
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPEE FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.



GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**
PARCELS 19-9-21/-22, -24, AND -25
THEISSEN POLYGON MAP
12- TO 13-FOOT DEPTH INCREMENT



CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/LAF LD: DMW PIC: PIR A. RIZZO TM: LVR: ON/OFF=REF*
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 XREFS: 40152\X01 40152\X00 40152\X04
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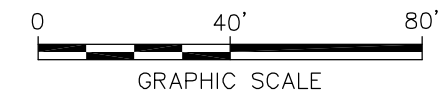


LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-23** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- WIRE FENCE
- CHAIN LINK FENCE
- RETAINING WALL
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- RESIDENTIAL PROPERTY
- COMMERCIAL PROPERTY
- HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION
- PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- 66 POLYGON ID
- AREA PROPOSED FOR PCB SOIL REMOVAL
- AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL
- AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL

NOTES:

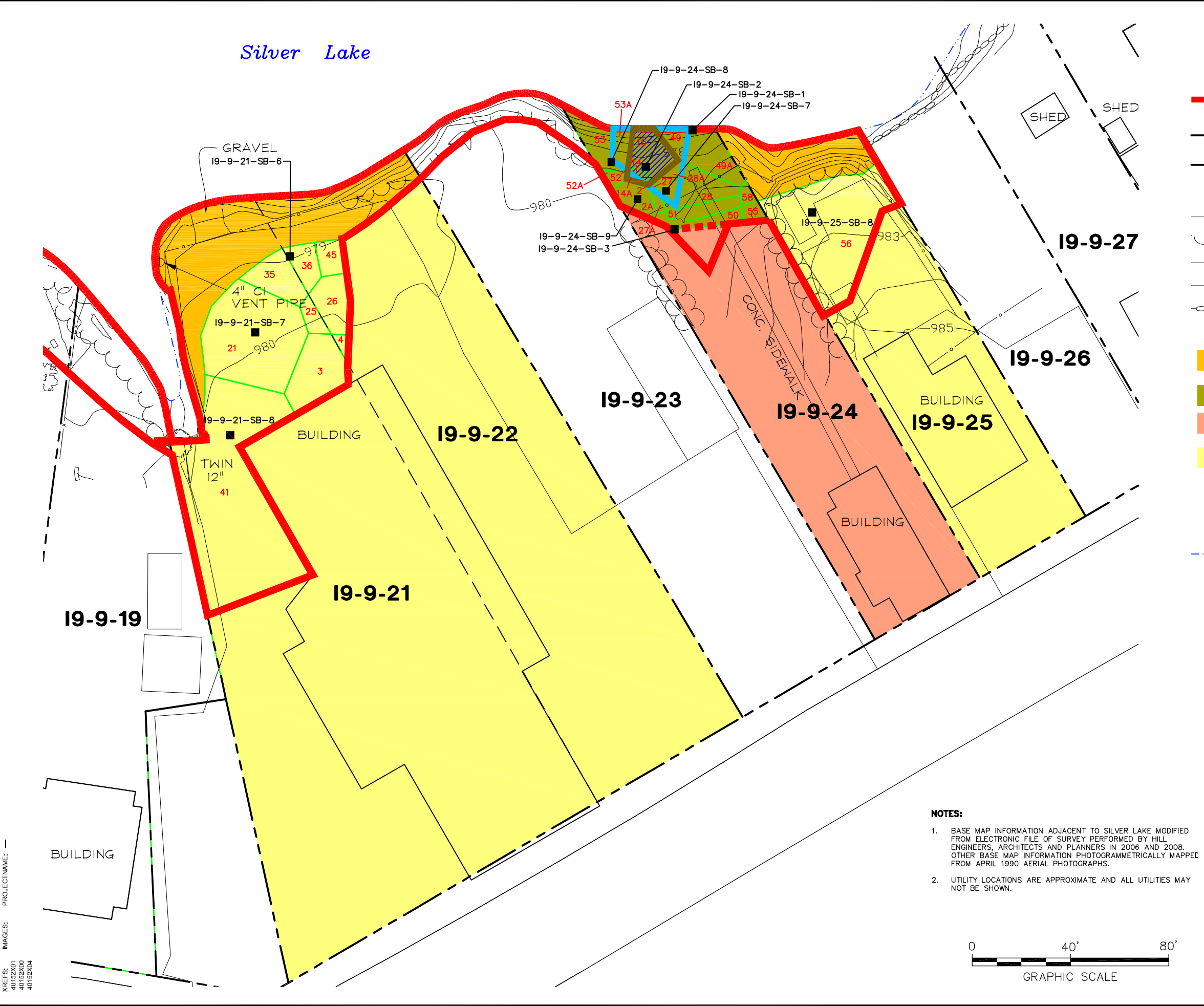
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPEE FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.



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PARCELS 19-9-21/-22, -24, AND -25
THEISSEN POLYGON MAP
13- TO 14-FOOT DEPTH INCREMENT



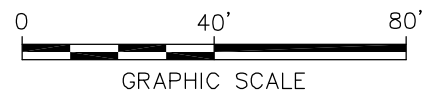
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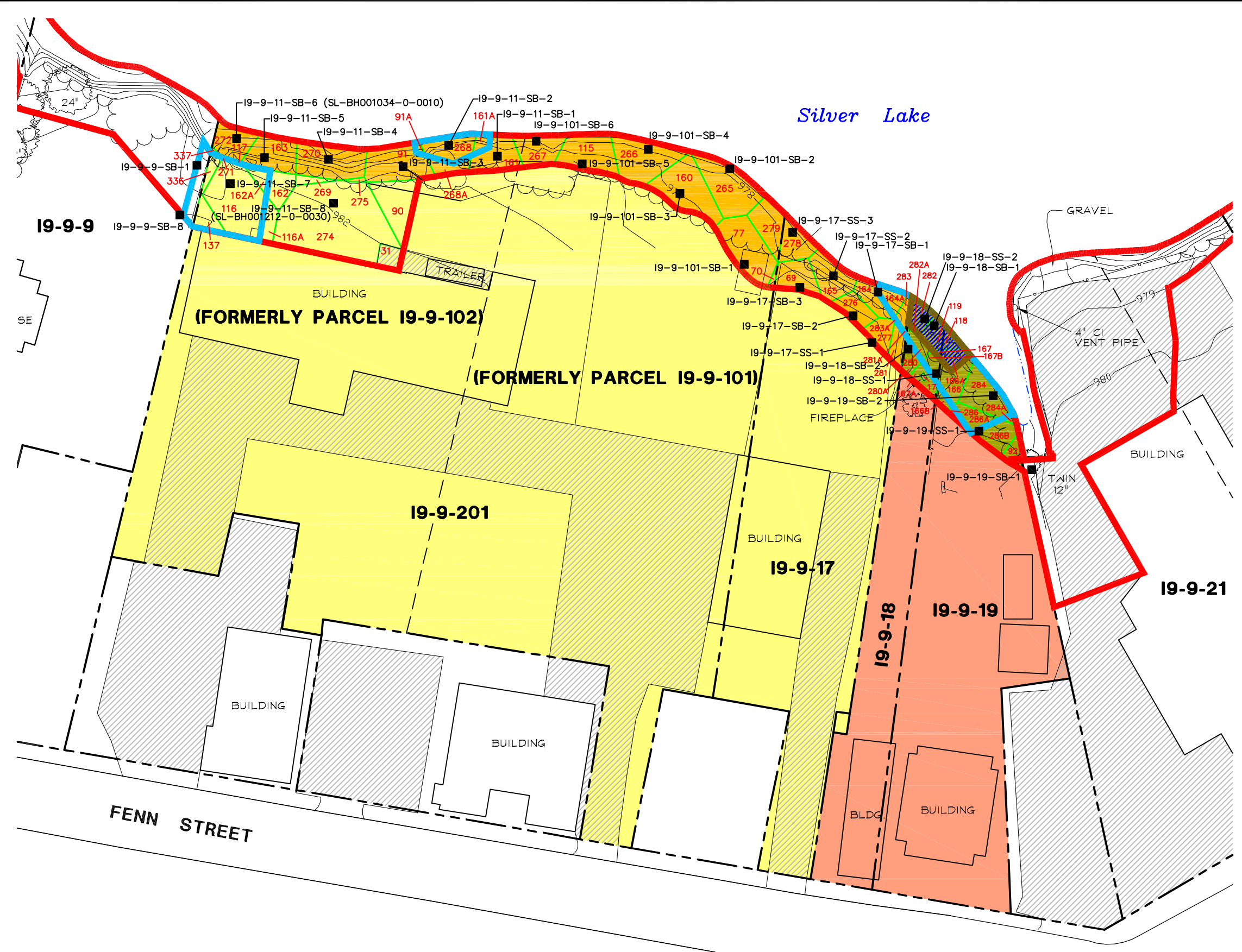
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-23** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- WIRE FENCE
- CHAIN LINK FENCE
- RETAINING WALL
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- RESIDENTIAL PROPERTY
- COMMERCIAL PROPERTY
- HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION
- PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- 56 POLYGON ID
- AREA PROPOSED FOR PCB SOIL REMOVAL
- AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL
- AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL

- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPEE FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.



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 PITTSFIELD, MASSACHUSETTS
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 FOR SOILS ADJACENT TO SILVER LAKE**
PARCELS 19-9-21/-22, -24, AND -25
THEISSEN POLYGON MAP
14- TO 15-FOOT DEPTH INCREMENT

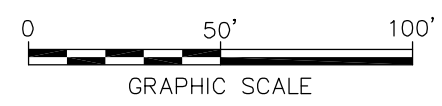
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 IMAGES: PROJECTNAME: --



LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- APPROXIMATE PROPERTY LINE
- APPROXIMATE FORMER PROPERTY LINE
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-17** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- WIRE FENCE
- CHAIN LINK FENCE
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- RESIDENTIAL PROPERTY
- COMMERCIAL PROPERTY
- PAVED AREAS
- PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- POLYGON ID
- AREA PROPOSED FOR PCB SOIL REMOVAL
- AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL
- AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL

- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
 3. PRE-DESIGN SAMPLES (2003, 2004, AND/OR 2005) FROM PARCEL 19-9-19 WERE COLLECTED BY EPA REPRESENTATIVES AND PROCESSED BY GE REPRESENTATIVES.
 4. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.



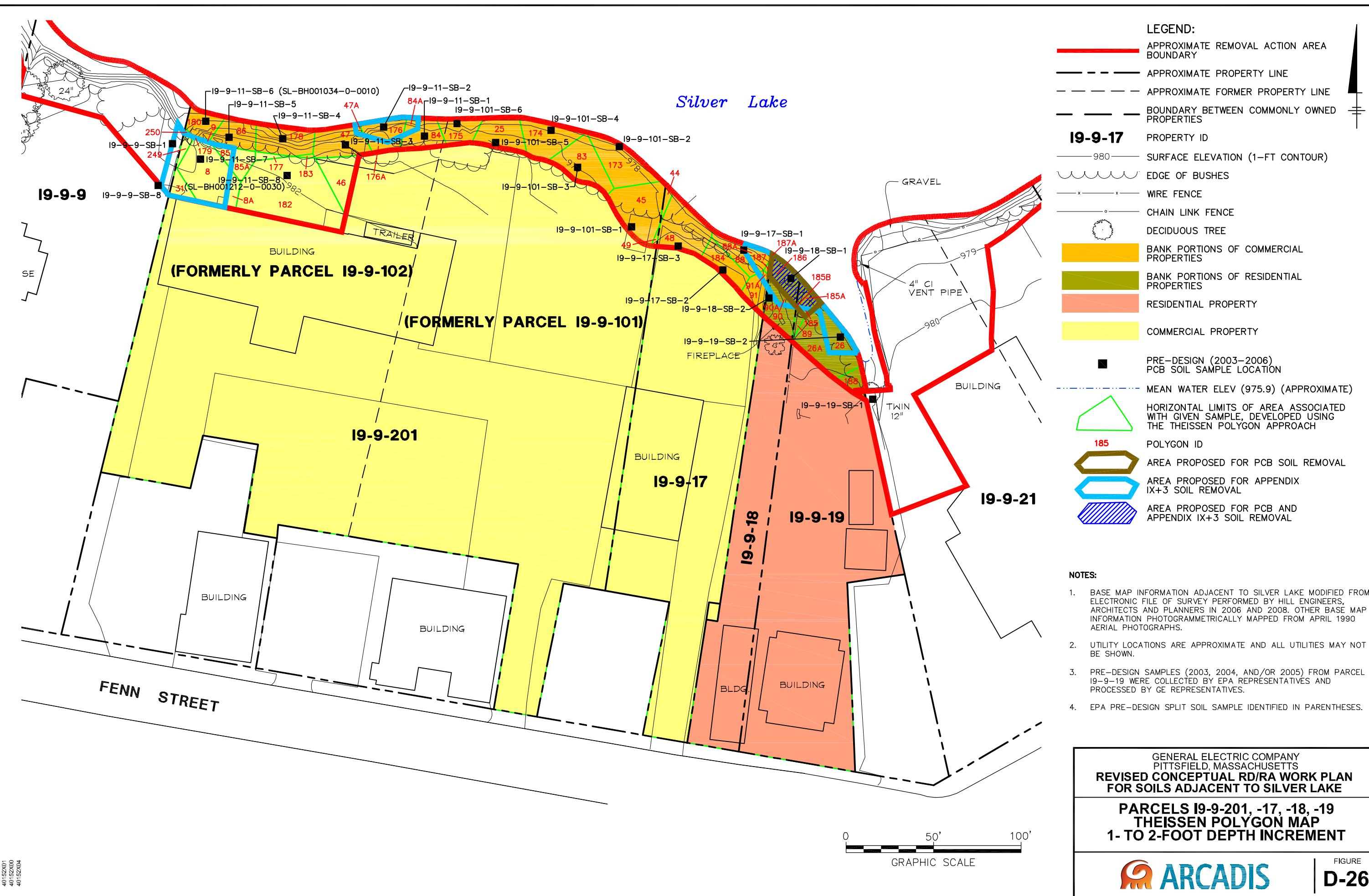
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**PARCELS 19-9-201, -17, -18, -19
 THEISSEN POLYGON MAP
 0- TO 0.5-FOOT DEPTH INCREMENT**

ARCADIS

FIGURE
D-24

CITY: SYRACUSE DIV/GROUP: 141 DB: DMW NES LAF LD: DMW PIC: PN: A. RIZZO TM: LYR: ONE=OFF=REF*
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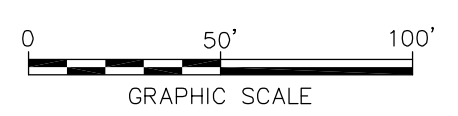


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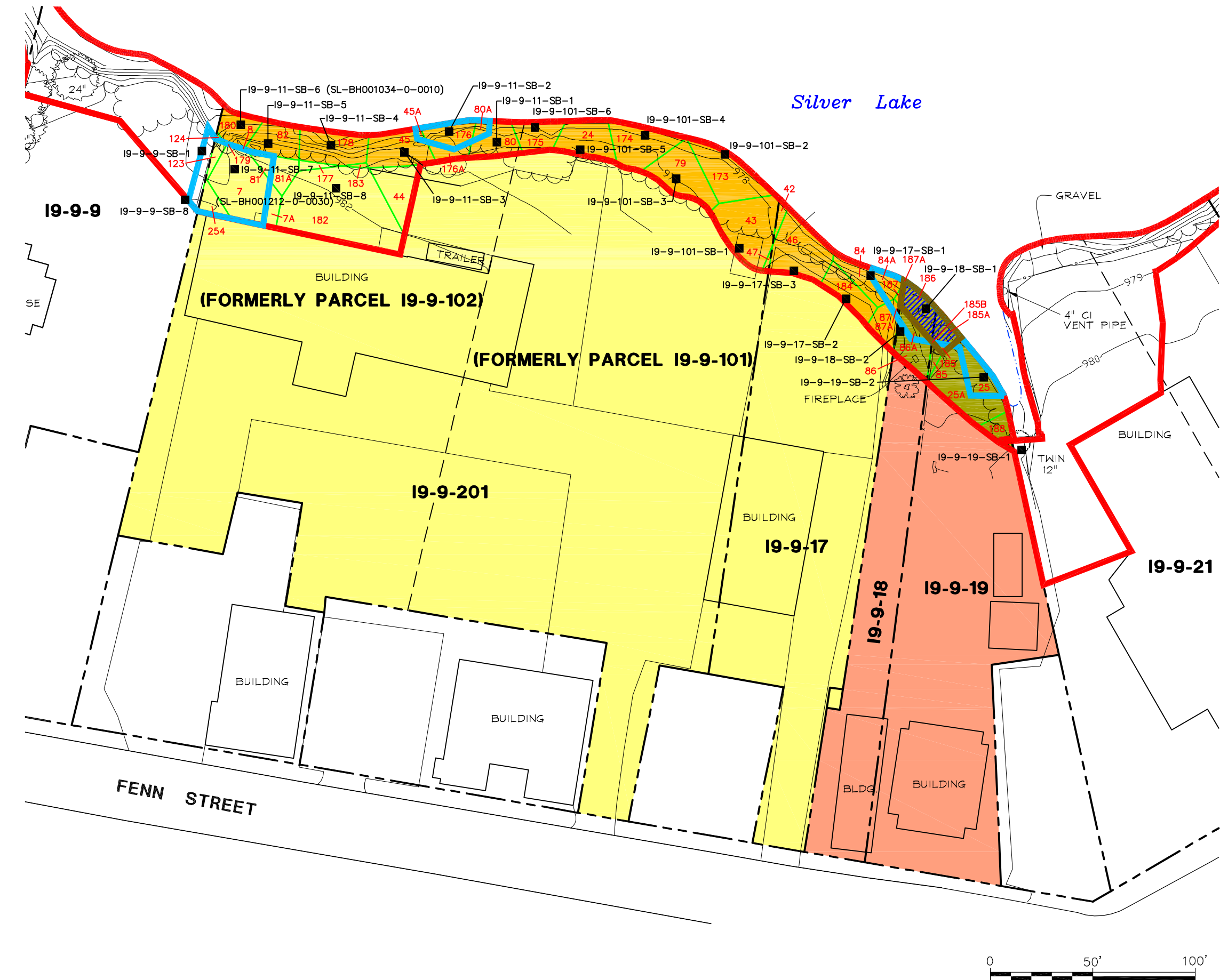
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- - - APPROXIMATE PROPERTY LINE
- - - APPROXIMATE FORMER PROPERTY LINE
- — — BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-17** PROPERTY ID
- 980 — SURFACE ELEVATION (1-FT CONTOUR)
- ~~~~~ EDGE OF BUSHES
- x - x - WIRE FENCE
- o - CHAIN LINK FENCE
- () DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- RESIDENTIAL PROPERTY
- COMMERCIAL PROPERTY
- PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
- · - · - MEAN WATER ELEV (975.9) (APPROXIMATE)
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- 185 POLYGON ID
- AREA PROPOSED FOR PCB SOIL REMOVAL
- AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL
- AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL

- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
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 4. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.

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 FOR SOILS ADJACENT TO SILVER LAKE**
**PARCELS 19-9-201, -17, -18, -19
 THEISSEN POLYGON MAP
 1- TO 2-FOOT DEPTH INCREMENT**



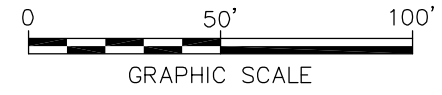
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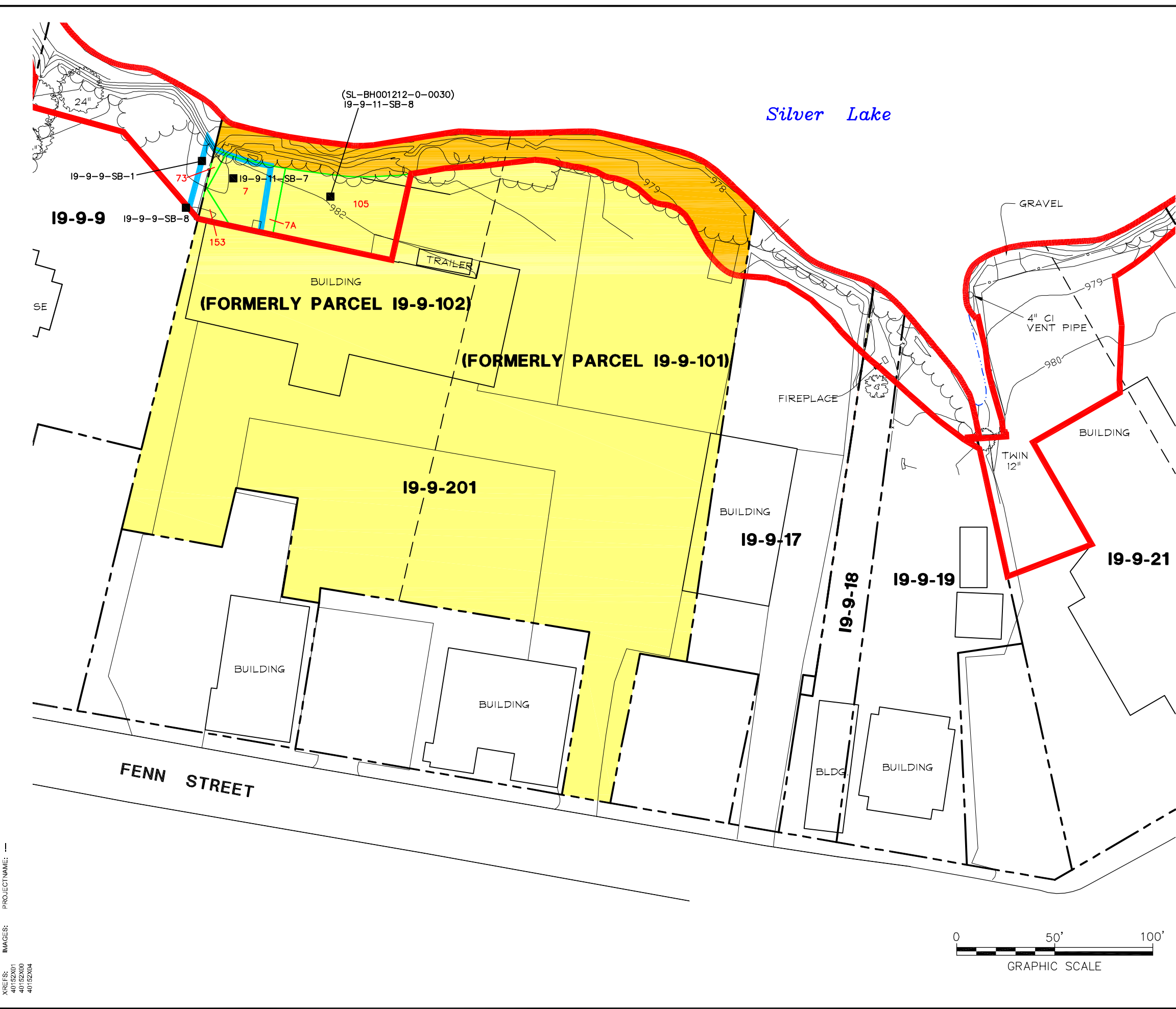
- LEGEND:**
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
 - APPROXIMATE PROPERTY LINE
 - APPROXIMATE FORMER PROPERTY LINE
 - BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
 - 19-9-17** PROPERTY ID
 - SURFACE ELEVATION (1-FT CONTOUR)
 - xx EDGE OF BUSHES
 - oo WIRE FENCE
 - oo CHAIN LINK FENCE
 - DECIDUOUS TREE
 - BANK PORTIONS OF COMMERCIAL PROPERTIES
 - BANK PORTIONS OF RESIDENTIAL PROPERTIES
 - RESIDENTIAL PROPERTY
 - COMMERCIAL PROPERTY
 - PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
 - MEAN WATER ELEV (975.9) (APPROXIMATE)
 - HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
 - POLYGON ID
 - AREA PROPOSED FOR PCB SOIL REMOVAL
 - AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL
 - AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL

- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
 3. PRE-DESIGN SAMPLES (2003, 2004, AND/OR 2005) FROM PARCEL 19-9-19 WERE COLLECTED BY EPA REPRESENTATIVES AND PROCESSED BY GE REPRESENTATIVES.
 4. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.

GENERAL ELECTRIC COMPANY
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**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**
PARCELS 19-9-201 -17, -18, -19
THEISSEN POLYGON MAP
2- TO 3-FOOT DEPTH INCREMENT



CITY: SYRACUSE DIV/GROUP: 141 DB: DMW NES LAF LD: DMW PIC: PIR A. RIZZO TM: LVR: ON: OFF: REF*
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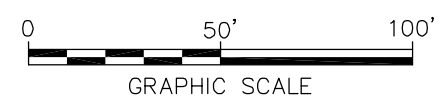
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- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- - - APPROXIMATE PROPERTY LINE
- - - APPROXIMATE FORMER PROPERTY LINE
- - - BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-17** PROPERTY ID
- 980— SURFACE ELEVATION (1-FT CONTOUR)
- ~ ~ ~ EDGE OF BUSHES
- x - x - WIRE FENCE
- o - CHAIN LINK FENCE
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- COMMERCIAL PROPERTY
- PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
- - - MEAN WATER ELEV (975.9) (APPROXIMATE)
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- POLYGON ID
- AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL

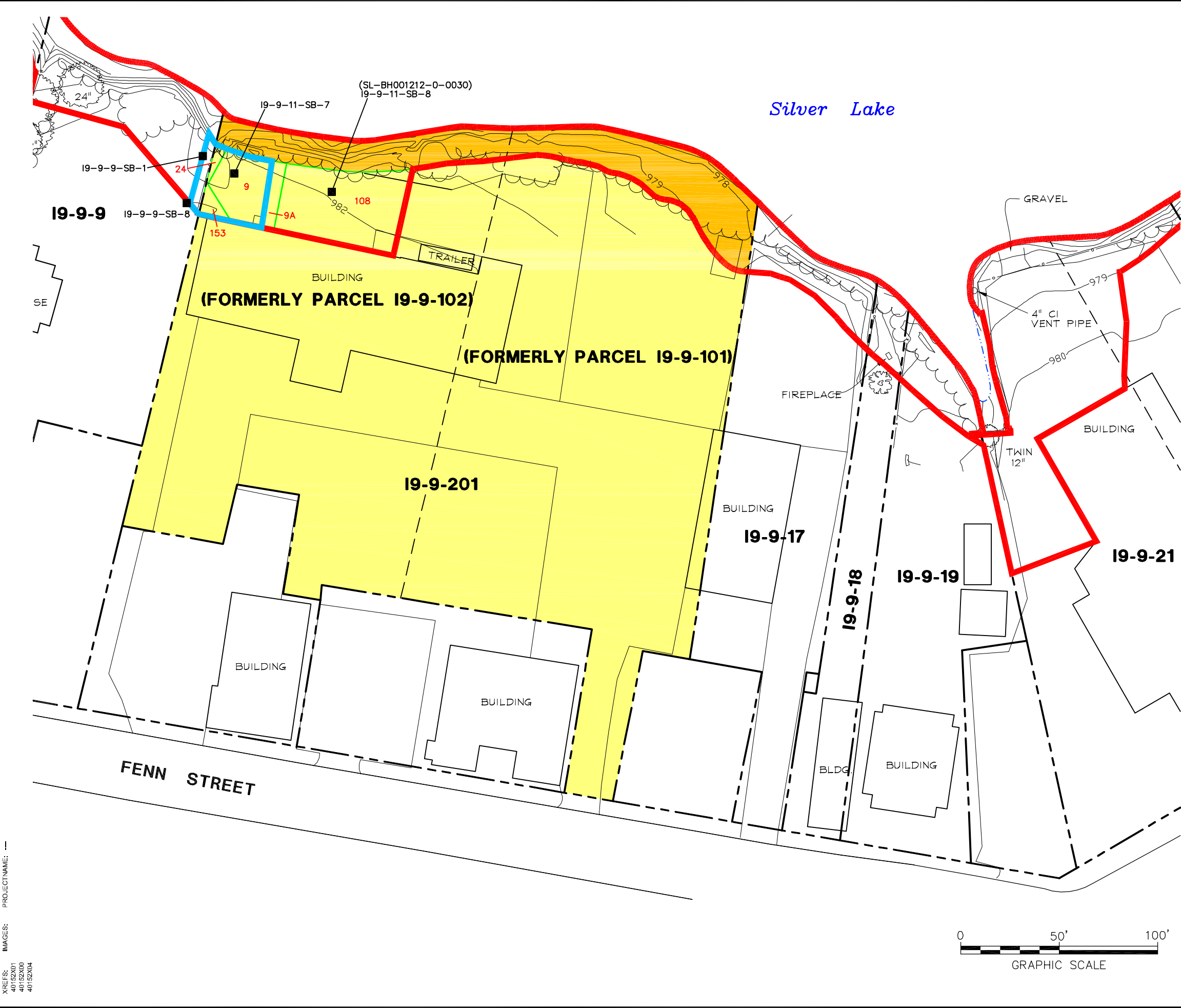
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1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
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GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**PARCELS 19-9-201
 THEISSEN POLYGON MAP
 3- TO 4-FOOT DEPTH INCREMENT**



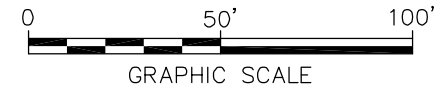
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LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- - - APPROXIMATE PROPERTY LINE
- - - APPROXIMATE FORMER PROPERTY LINE
- — — BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-17** PROPERTY ID
- 980 — SURFACE ELEVATION (1-FT CONTOUR)
- ~ ~ ~ EDGE OF BUSHES
- x - x - WIRE FENCE
- o - CHAIN LINK FENCE
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- COMMERCIAL PROPERTY
- PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
- - - - - MEAN WATER ELEV (975.9) (APPROXIMATE)
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- 9** POLYGON ID
- AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL

- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
 3. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.



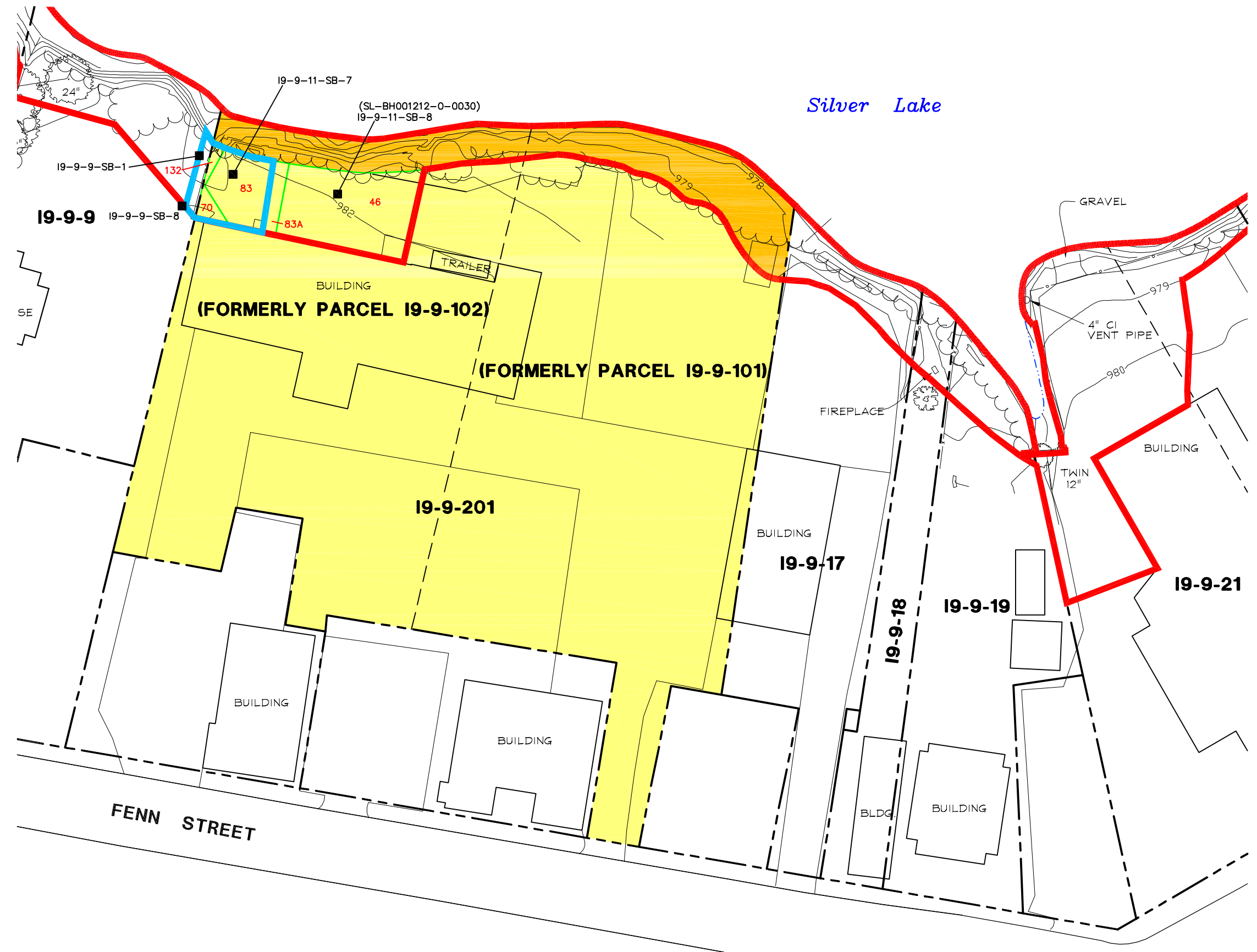
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
FOR SOILS ADJACENT TO SILVER LAKE**

**PARCELS 19-9-201
THEISSEN POLYGON MAP
4- TO 5-FOOT DEPTH INCREMENT**

ARCADIS

FIGURE
D-29

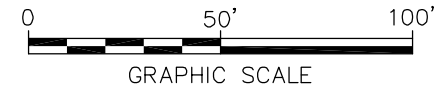
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LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- - - APPROXIMATE PROPERTY LINE
- - - APPROXIMATE FORMER PROPERTY LINE
- - - BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-17** PROPERTY ID
- 980— SURFACE ELEVATION (1-FT CONTOUR)
- ~ ~ ~ EDGE OF BUSHES
- x - x - WIRE FENCE
- o - CHAIN LINK FENCE
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- COMMERCIAL PROPERTY
- PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
- - - MEAN WATER ELEV (975.9) (APPROXIMATE)
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- 132 POLYGON ID
- AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL

- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
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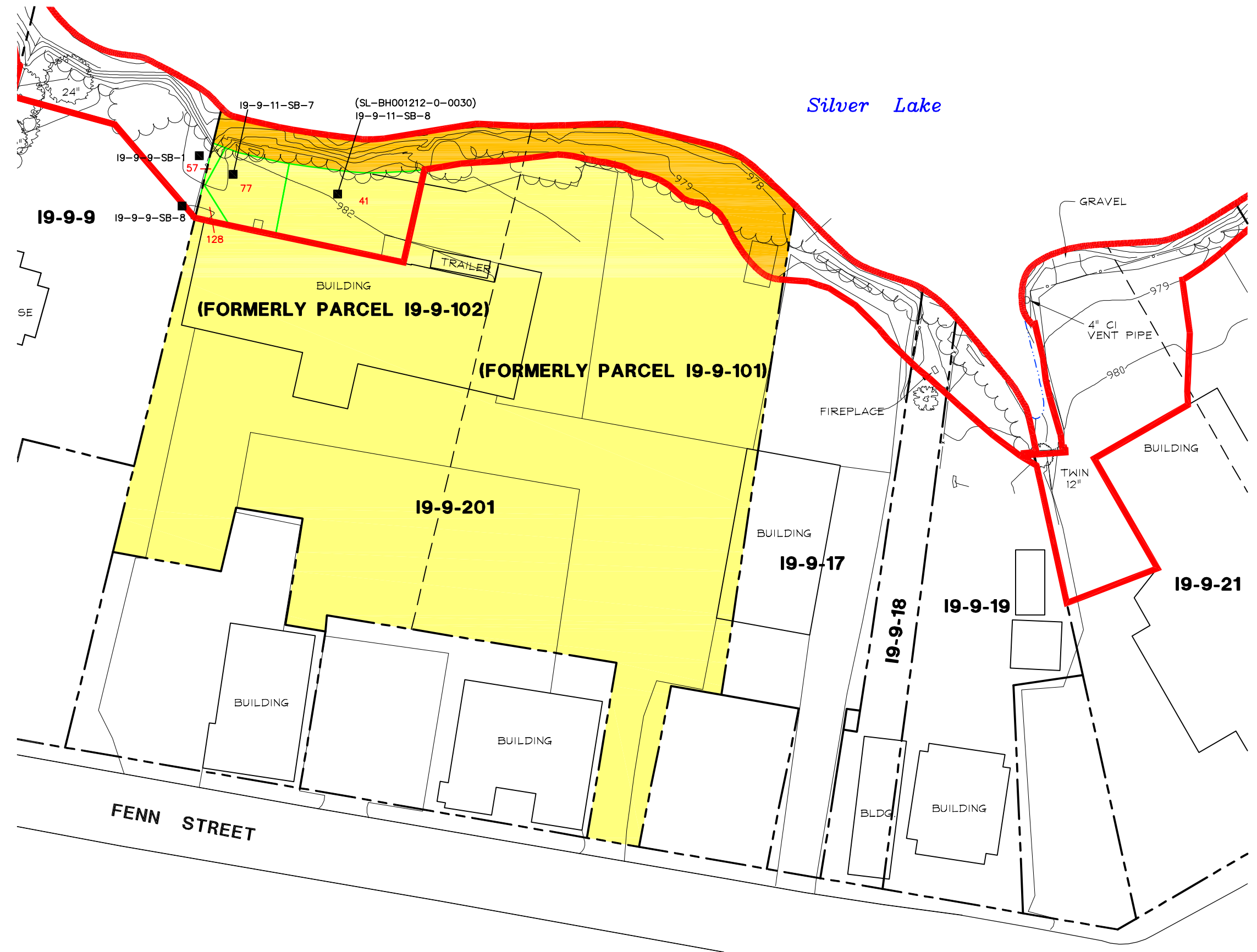
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**PARCELS 19-9-201
 THEISSEN POLYGON MAP
 5- TO 6-FOOT DEPTH INCREMENT**

ARCADIS

FIGURE
D-30

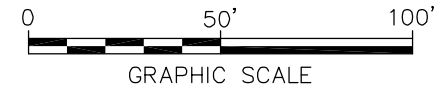
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 SAVED: 10/22/2008 12:42 PM



LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- - - APPROXIMATE PROPERTY LINE
- - - APPROXIMATE FORMER PROPERTY LINE
- - - BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-17** PROPERTY ID
- 980— SURFACE ELEVATION (1-FT CONTOUR)
- ~ ~ ~ EDGE OF BUSHES
- x - x - WIRE FENCE
- o - CHAIN LINK FENCE
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- COMMERCIAL PROPERTY
- PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
- - - - - MEAN WATER ELEV (975.9) (APPROXIMATE)
- △ HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- 128 POLYGON ID

- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
 3. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.



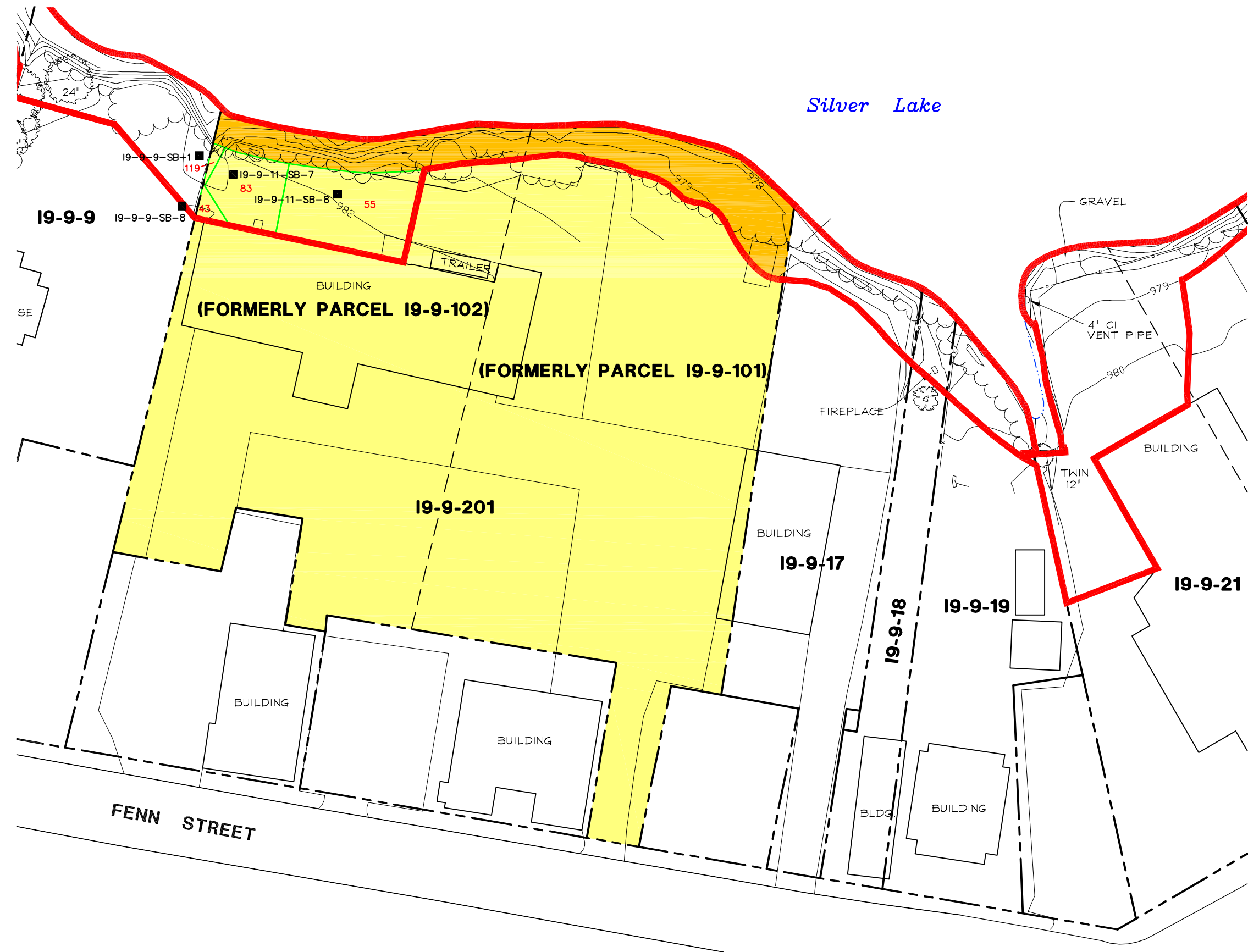
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**PARCELS 19-9-201
 THEISSEN POLYGON MAP
 6- TO 7-FOOT DEPTH INCREMENT**

ARCADIS

FIGURE
D-31

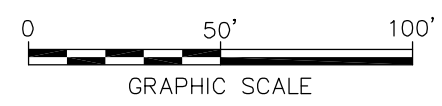
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 IMAGES: PROJECTNAME: ---
 PLOTTED: 10/22/2008 12:43 PM BY: STINSON, KATE
 PAGES: 17 OF 17
 ACADVER: 17.08 (LMS TECH) PAGES: 17 OF 17
 SAVED: 10/22/2008 12:43 PM



LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- - - APPROXIMATE PROPERTY LINE
- - - APPROXIMATE FORMER PROPERTY LINE
- - - BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-17** PROPERTY ID
- 980— SURFACE ELEVATION (1-FT CONTOUR)
- ~~~~~ EDGE OF BUSHES
- x-x- WIRE FENCE
- o-o- CHAIN LINK FENCE
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- COMMERCIAL PROPERTY
- PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
- - - - - MEAN WATER ELEV (975.9) (APPROXIMATE)
- △ HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- 119 POLYGON ID

- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
 3. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.



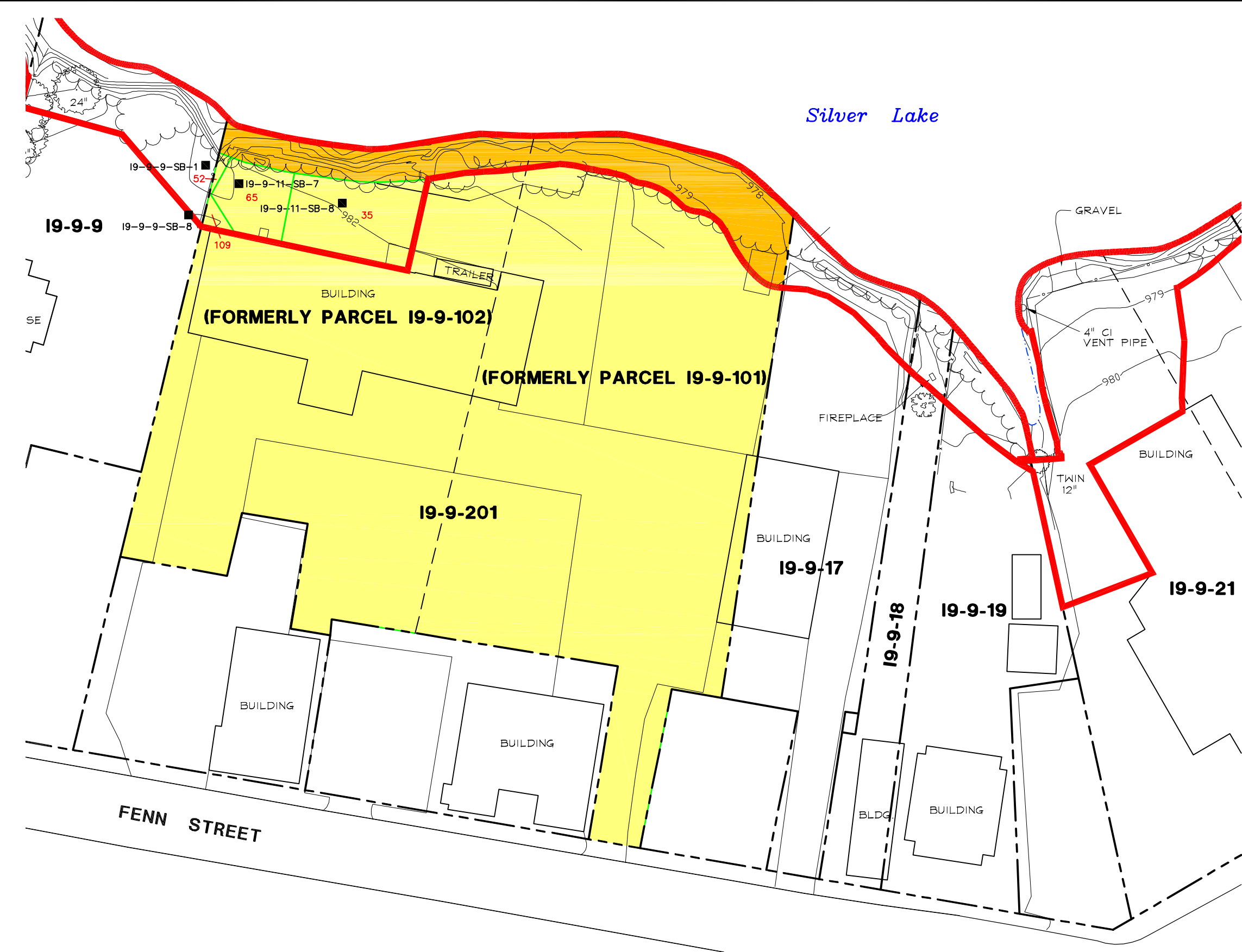
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**PARCELS 19-9-201
 THEISSEN POLYGON MAP
 7- TO 8-FOOT DEPTH INCREMENT**

ARCADIS

FIGURE
D-32

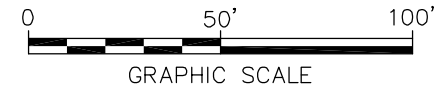
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 IMAGES: PROJECTNAME: ---
 PLOTTED: 10/22/2008 12:44 PM BY: STINSON, KATE
 PAGES: 17 OF 18 ACADVER: 17.08 (LMS TECH) PAGESETUP: ---



LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- - - APPROXIMATE PROPERTY LINE
- - - APPROXIMATE FORMER PROPERTY LINE
- - - BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-17** PROPERTY ID
- 980— SURFACE ELEVATION (1-FT CONTOUR)
- ~~~~~ EDGE OF BUSHES
- x-x- WIRE FENCE
- o-o- CHAIN LINK FENCE
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- COMMERCIAL PROPERTY
- PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
- - - - - MEAN WATER ELEV (975.9) (APPROXIMATE)
- △ HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- 109 POLYGON ID

- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
 3. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.



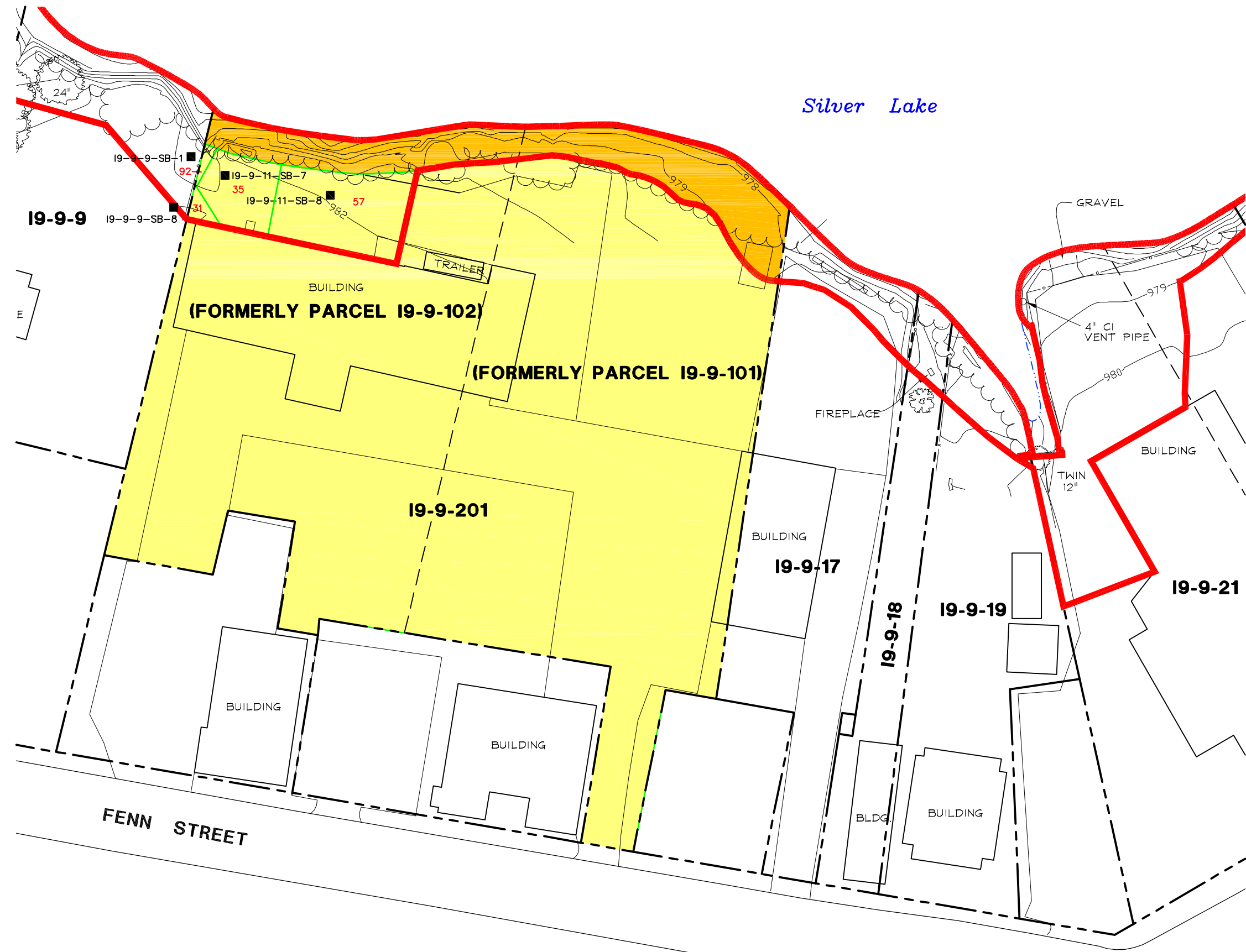
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**PARCELS 19-9-201
 THEISSEN POLYGON MAP
 8- TO 9-FOOT DEPTH INCREMENT**

ARCADIS

FIGURE **D-33**

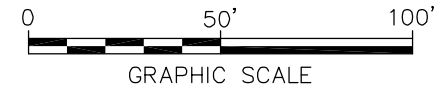
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 XREFS: 40152X01 40152X00 40152X04
 IMAGES: PROJECTNAME: --- PLOTSTYLETABLE: PLT:LULLQ1B PLOTTED: 10/22/2008 12:45 PM BY: STINSON, KATE



LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- - - APPROXIMATE PROPERTY LINE
- - - APPROXIMATE FORMER PROPERTY LINE
- - - BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-17** PROPERTY ID
- 980— SURFACE ELEVATION (1-FT CONTOUR)
- ~~~~~ EDGE OF BUSHES
- x-x- WIRE FENCE
- o-o- CHAIN LINK FENCE
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- COMMERCIAL PROPERTY
- PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
- - - - - MEAN WATER ELEV (975.9) (APPROXIMATE)
- △ HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- 92 POLYGON ID

- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
 3. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.



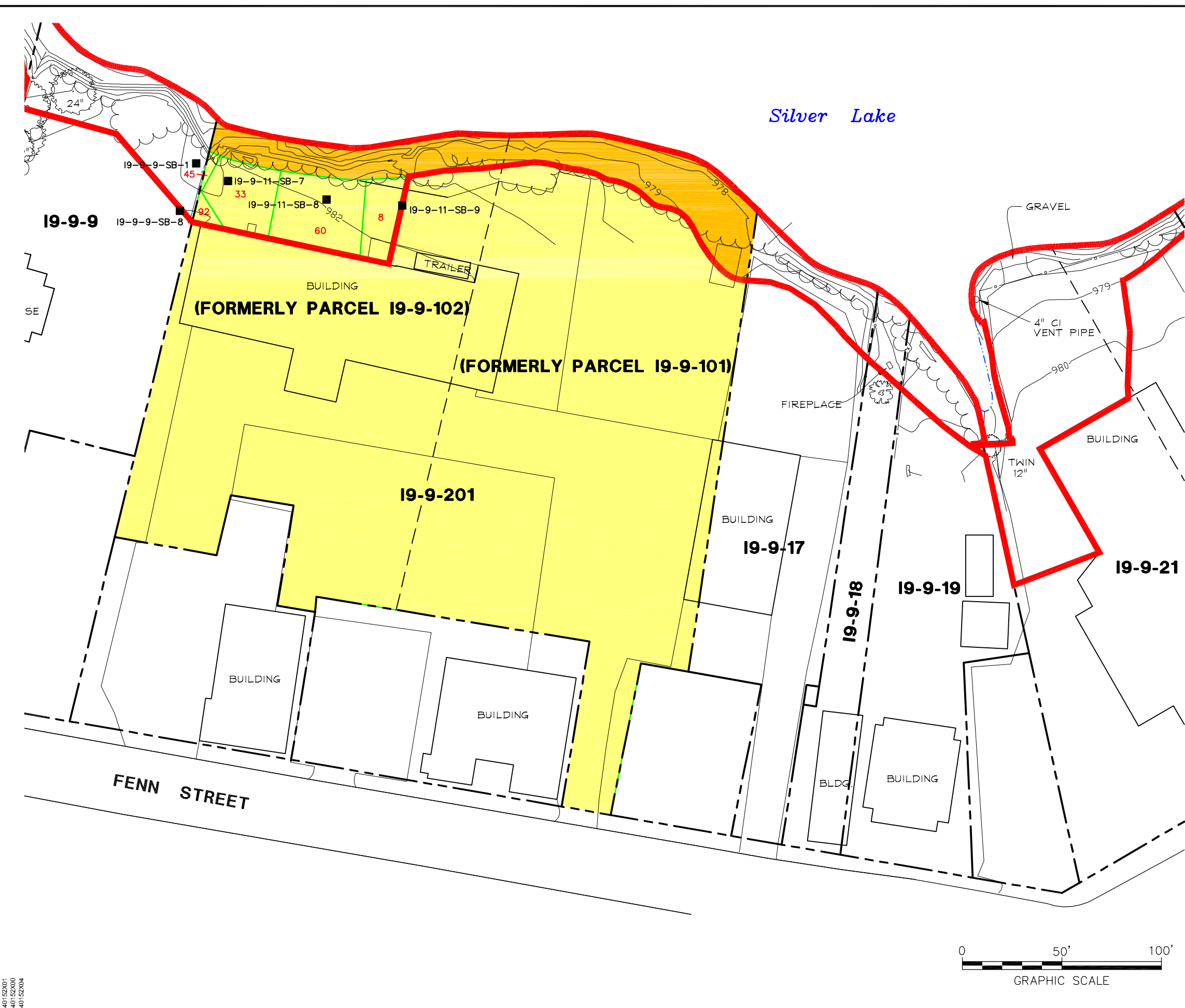
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**PARCELS 19-9-201
 THEISSEN POLYGON MAP
 9- TO 10-FOOT DEPTH INCREMENT**

ARCADIS

FIGURE
D-34

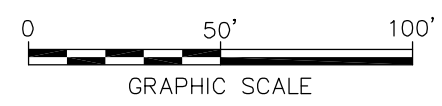
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 IMAGES: PROJECTNAME: ---
 PLOTTED: 10/22/2008 12:46 PM BY: STINSON, KATE
 PAGES: 17 OF 17
 ACADVER: 17.08 (LMS TECH) PAGESETUP: ---
 SAVED: 10/22/2008 12:45 PM



LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- - - APPROXIMATE PROPERTY LINE
- - - APPROXIMATE FORMER PROPERTY LINE
- - - BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-17** PROPERTY ID
- 980— SURFACE ELEVATION (1-FT CONTOUR)
- ~ ~ ~ EDGE OF BUSHES
- x - x - WIRE FENCE
- o - CHAIN LINK FENCE
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- COMMERCIAL PROPERTY
- PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
- - - MEAN WATER ELEV (975.9) (APPROXIMATE)
- △ HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- 92 POLYGON ID

- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
 3. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.



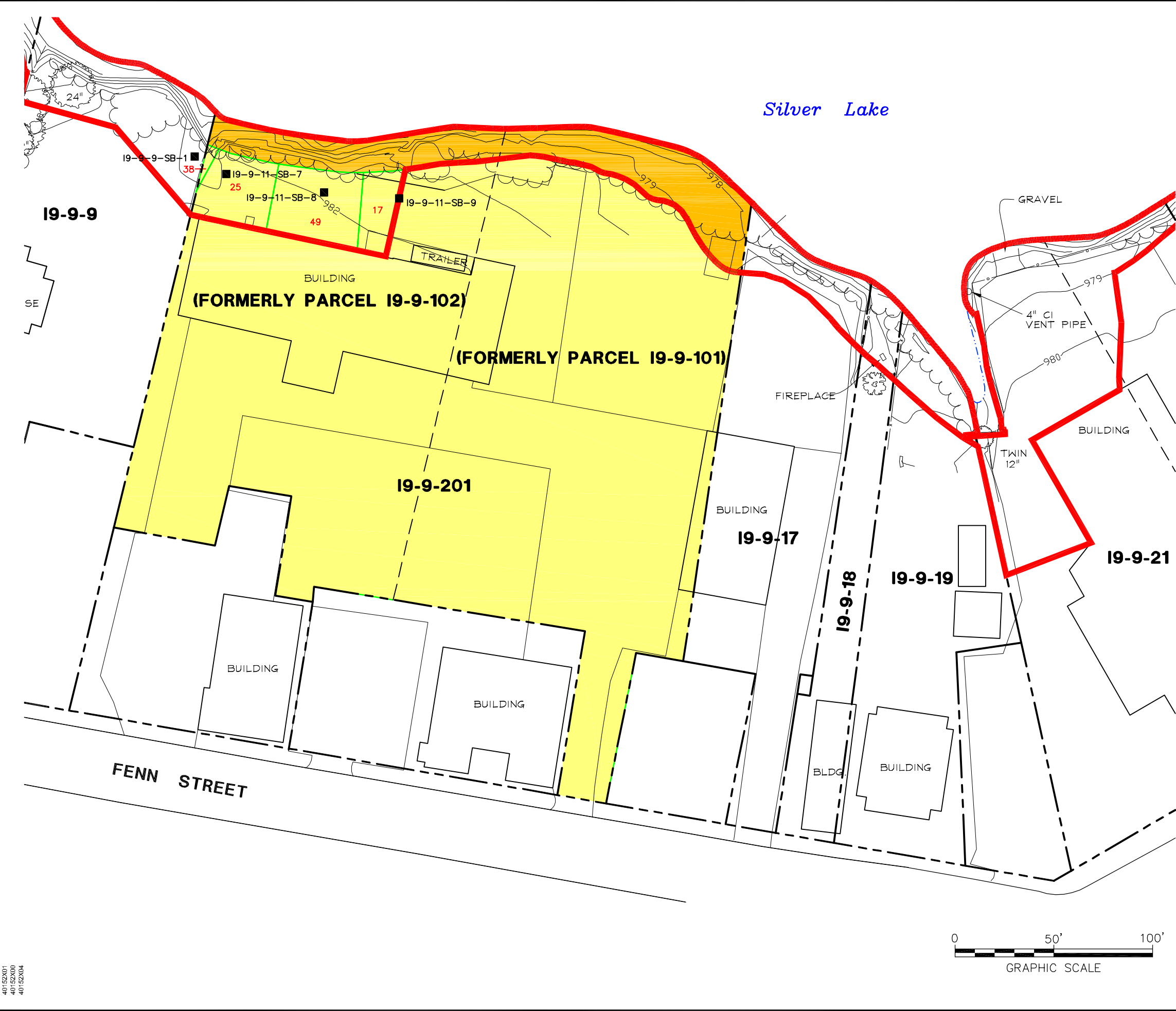
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**PARCELS 19-9-201
 THEISSEN POLYGON MAP
 10- TO 11-FOOT DEPTH INCREMENT**

ARCADIS

FIGURE
D-35

CITY: SYRACUSE DIV/GROUP: 141 DB: DMW LAF LD: DMW PIC: PM: TM: LYR: ONE-OFF-REF
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 XREFS: 40152X01 40152X00 40152X04
 IMAGES: PROJECTNAME: --



LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- - - APPROXIMATE PROPERTY LINE
- - - APPROXIMATE FORMER PROPERTY LINE
- - - BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-17** PROPERTY ID
- 980— SURFACE ELEVATION (1-FT CONTOUR)
- ~ ~ ~ EDGE OF BUSHES
- x-x- WIRE FENCE
- o-o- CHAIN LINK FENCE
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- COMMERCIAL PROPERTY
- PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
- - - MEAN WATER ELEV (975.9) (APPROXIMATE)
- △ HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- 49 POLYGON ID

- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
 3. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.

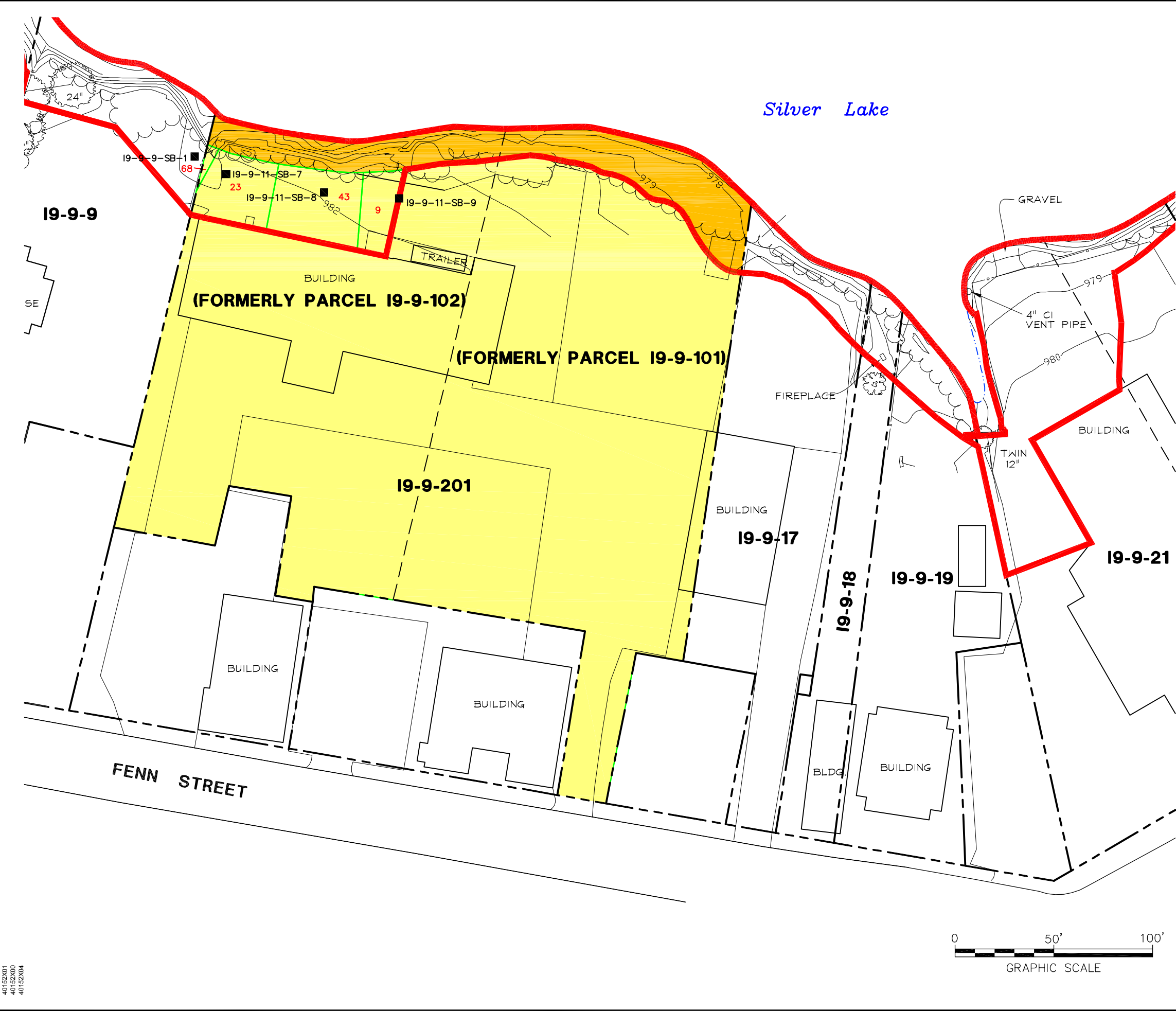
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**PARCELS 19-9-201
 THEISSEN POLYGON MAP
 11- TO 12-FOOT DEPTH INCREMENT**

ARCADIS

FIGURE
D-36

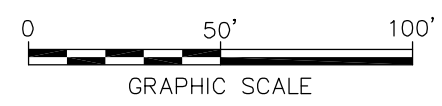
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 XREFS: 40152X01 40152X00 40152X04
 IMAGES: PROJECTNAME: ---
 PLOTTED: 10/22/2008 12:48 PM BY: STINSON, KATE



LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- - - APPROXIMATE PROPERTY LINE
- - - APPROXIMATE FORMER PROPERTY LINE
- - - BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-17** PROPERTY ID
- 980— SURFACE ELEVATION (1-FT CONTOUR)
- ~ ~ ~ EDGE OF BUSHES
- x-x- WIRE FENCE
- o-o- CHAIN LINK FENCE
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- COMMERCIAL PROPERTY
- PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION
- - - MEAN WATER ELEV (975.9) (APPROXIMATE)
- △ HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- 43 POLYGON ID

- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
 3. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.



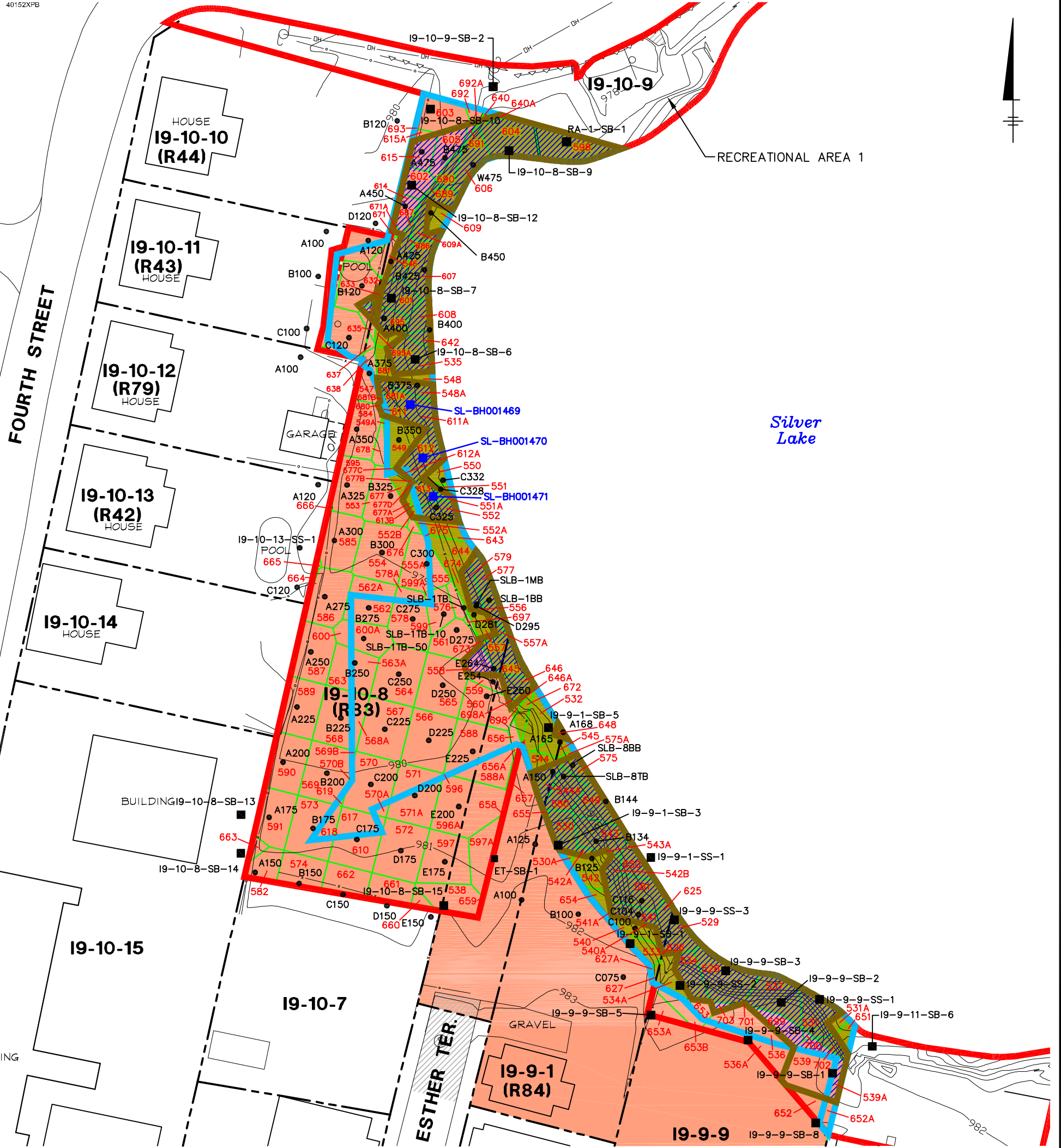
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**PARCELS 19-9-201
 THEISSEN POLYGON MAP
 12- TO 13-FOOT DEPTH INCREMENT**

ARCADIS

FIGURE **D-37**

XREFS: IMAGES: PROJECTNAME: --
 40152X01
 40152X04
 40152XPB

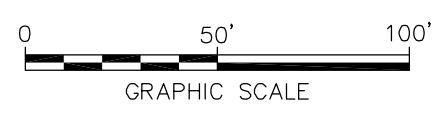


LEGEND:

- | | | | |
|----------------------|--|--|---|
| | APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY) | | PAVED AREAS |
| | APPROXIMATE PROPERTY LINE | | RESIDENTIAL PROPERTY |
| 19-10-8 (R83) | PROPERTY ID
EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER | | BANK PORTIONS OF RESIDENTIAL PROPERTIES |
| | 980 SURFACE ELEVATION (1-FT CONTOUR) | | HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATIONS |
| | EDGE OF BUSHES | | PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION |
| | GUARDRAIL | | APRIL 2008 EPA SOIL SAMPLE LOCATION |
| | WOODEN FENCE | | MEAN WATER ELEV (975.9) (APPROX.) |
| | WIRE FENCE | | HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH |
| | CHAIN LINK FENCE | | POLYGON ID |
| | DECIDUOUS TREE | | AREA PROPOSED FOR PCB SOIL REMOVAL |
| | CONIFEROUS TREE | | AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL |
| | OVERHEAD WIRES | | AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL |
| | UTILITY POLE | | |
| | SIGN | | |

NOTES:

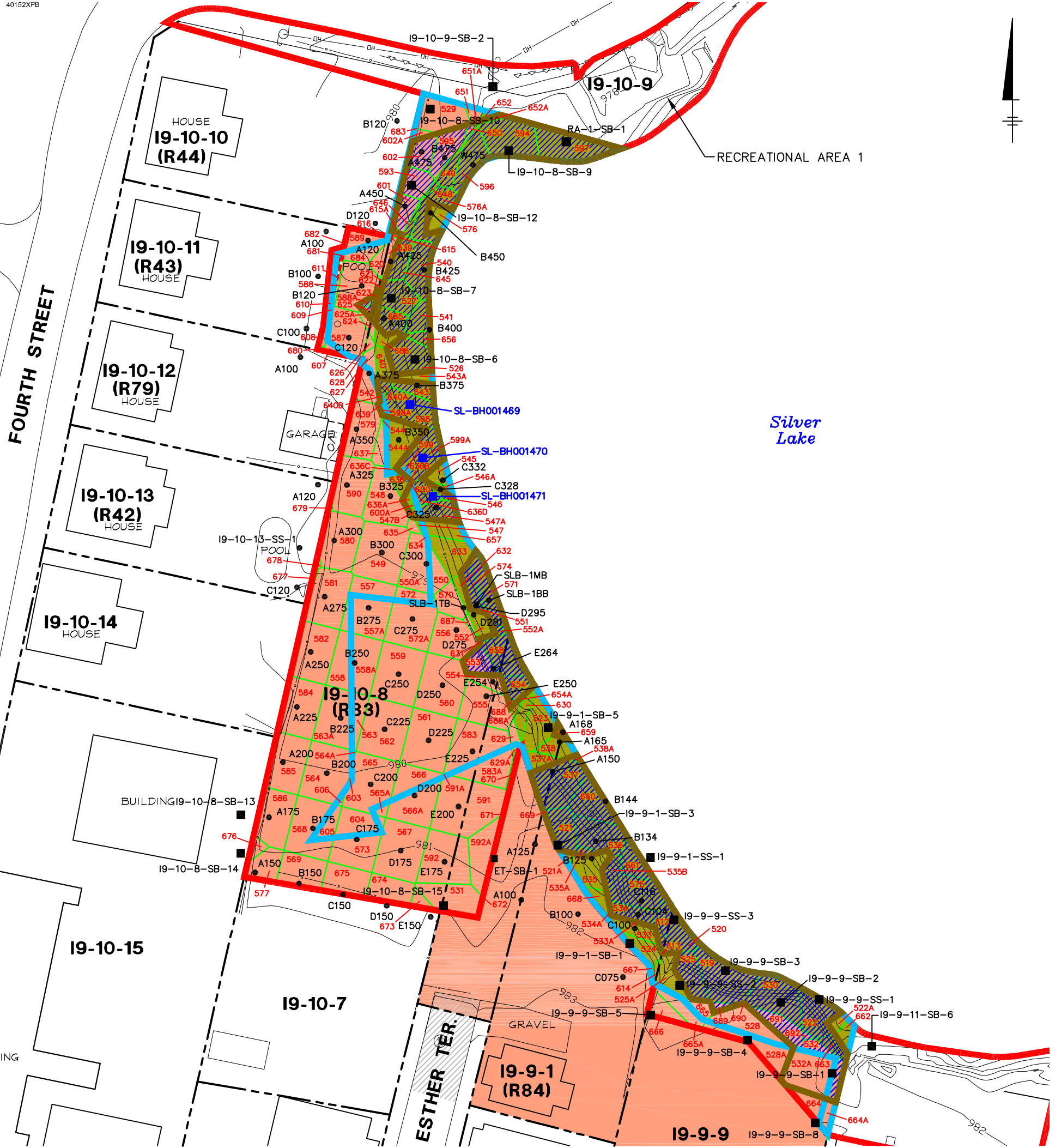
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS. SOME PROPERTY LINES ALONG ESTHER TERRACE FROM CITY OF PITTSFIELD TAX MAPS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.



GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**
PARCELS 19-9-1 & -9, 19-10-8 & -11
THEISSEN POLYGON MAP
0- TO 0.5-FOOT DEPTH INCREMENT



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 40152X04
 40152XPB

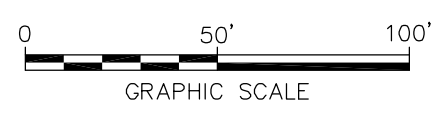


LEGEND:

- | | | | |
|----------------------|--|--|---|
| | APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY) | | PAVED AREAS |
| | APPROXIMATE PROPERTY LINE | | RESIDENTIAL PROPERTY |
| 19-10-8 (R83) | PROPERTY ID | | BANK PORTIONS OF RESIDENTIAL PROPERTIES |
| | EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER | | HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATIONS |
| | SURFACE ELEVATION (1-FT CONTOUR) | | PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION |
| | EDGE OF BUSHES | | APRIL 2008 EPA SOIL SAMPLE LOCATION |
| | GUARDRAIL | | MEAN WATER ELEV (975.9) (APPROX.) |
| | WOODEN FENCE | | HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH |
| | WIRE FENCE | | POLYGON ID |
| | CHAIN LINK FENCE | | AREA PROPOSED FOR PCB SOIL REMOVAL |
| | DECIDUOUS TREE | | AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL |
| | CONIFEROUS TREE | | AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL |
| | OVERHEAD WIRES | | |
| | UTILITY POLE | | |
| | SIGN | | |

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS. SOME PROPERTY LINES ALONG ESTHER TERRACE FROM CITY OF PITTSFIELD TAX MAPS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.



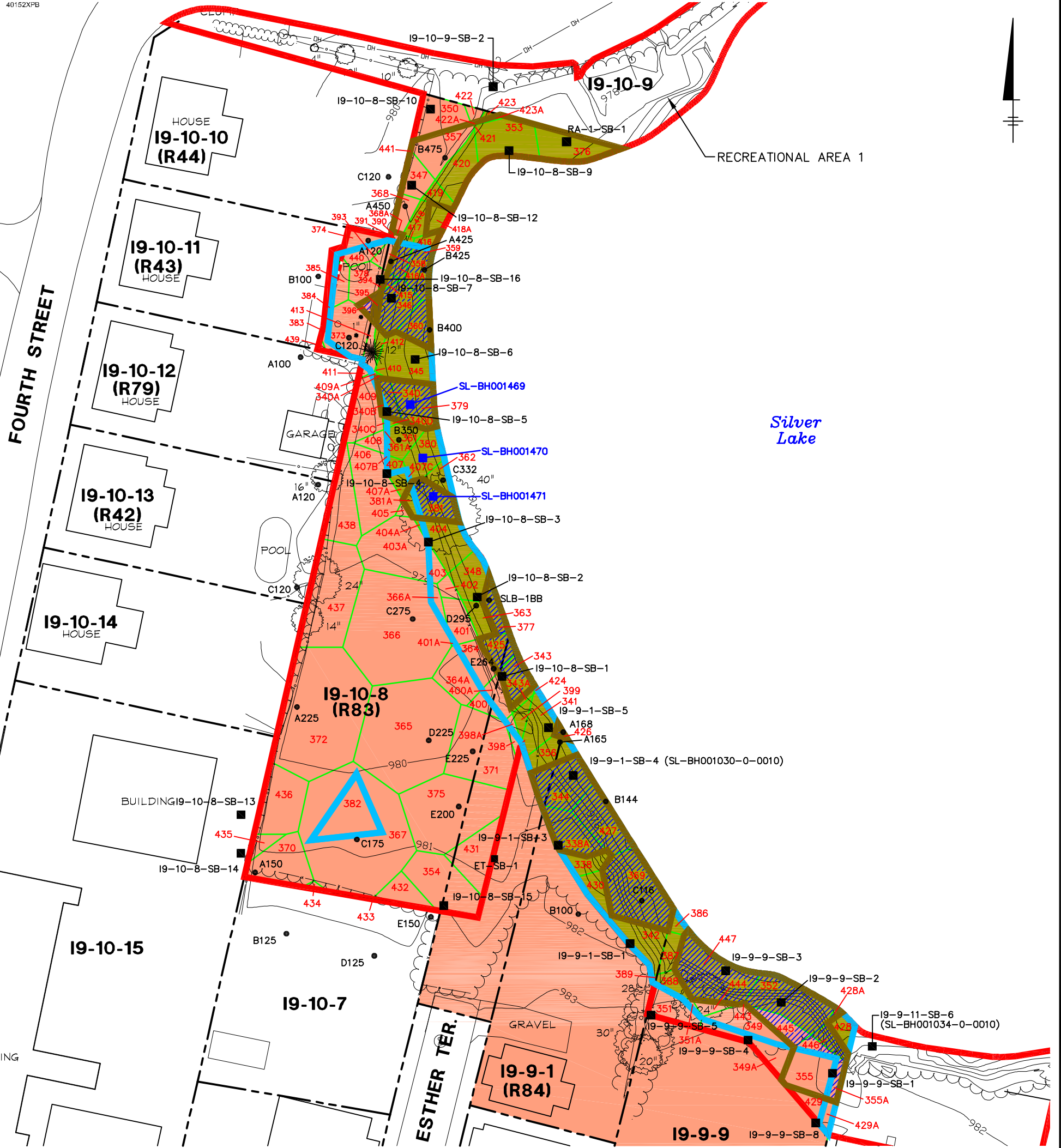
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**PARCELS 19-9-1 & -9, 19-10-8 & -11
 THEISSEN POLYGON MAP
 0.5- TO 1-FOOT DEPTH INCREMENT**

ARCADIS

FIGURE **D-41**

XREFS: IMAGES: PROJECTNAME: --
 40152X01
 40152X04
 40152XPB

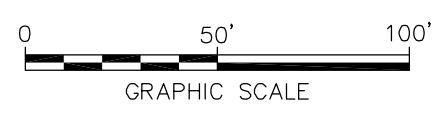


LEGEND:

- | | | | |
|----------------------|--|--|---|
| | APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY) | | PAVED AREAS |
| | APPROXIMATE PROPERTY LINE | | RESIDENTIAL PROPERTY |
| 19-10-8 (R83) | PROPERTY ID | | BANK PORTIONS OF RESIDENTIAL PROPERTIES |
| | EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER | | HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATIONS |
| | SURFACE ELEVATION (1-FT CONTOUR) | | PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION |
| | EDGE OF BUSHES | | APRIL 2008 EPA SOIL SAMPLE LOCATION |
| | GUARDRAIL | | MEAN WATER ELEV (975.9) (APPROX.) |
| | WOODEN FENCE | | HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH |
| | WIRE FENCE | | POLYGON ID |
| | CHAIN LINK FENCE | | AREA PROPOSED FOR PCB SOIL REMOVAL |
| | DECIDUOUS TREE | | AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL |
| | CONIFEROUS TREE | | AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL |
| | OVERHEAD WIRES | | |
| | UTILITY POLE | | |
| | SIGN | | |

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS. SOME PROPERTY LINES ALONG ESTHER TERRACE FROM CITY OF PITTSFIELD TAX MAPS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
3. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.



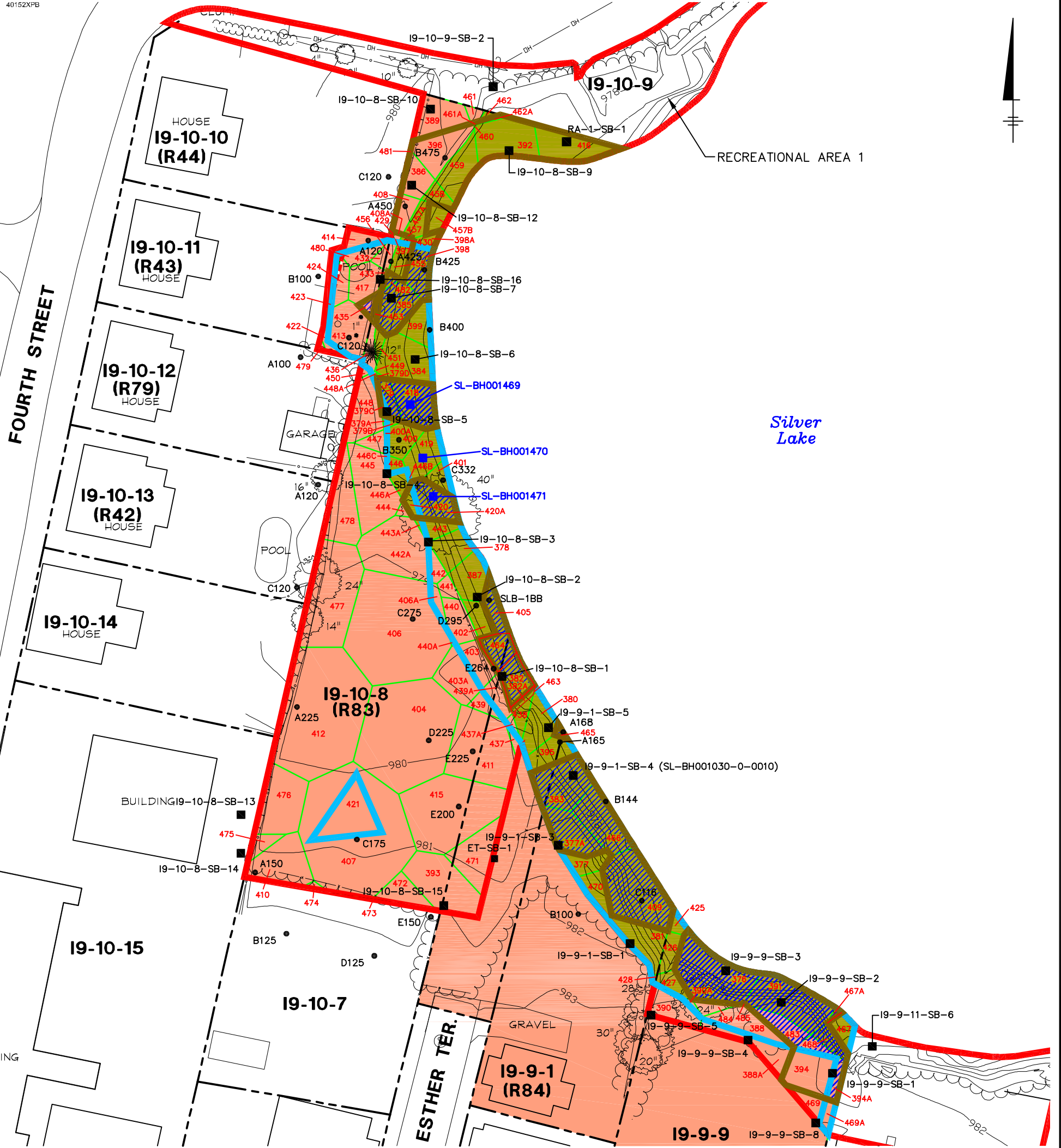
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**PARCELS 19-9-1 & -9, 19-10-8 & -11
 THEISSEN POLYGON MAP
 1- TO 2-FOOT DEPTH INCREMENT**

ARCADIS

FIGURE **D-42**

XREFS: IMAGES: PROJECTNAME: --
 40152X01
 40152X04
 40152XPB



LEGEND:

- | | | | |
|----------------------|--|--|---|
| | APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY) | | RESIDENTIAL PROPERTY |
| | APPROXIMATE PROPERTY LINE | | BANK PORTIONS OF RESIDENTIAL PROPERTIES |
| 19-10-8 (R83) | PROPERTY ID | | HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION |
| | EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER | | PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION |
| | SURFACE ELEVATION (1-FT CONTOUR) | | APRIL 2008 EPA SOIL SAMPLE LOCATION |
| | EDGE OF BUSHES | | MEAN WATER ELEV (975.9) (APPROX.) |
| | GUARDRAIL | | HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH |
| | WOODEN FENCE | | POLYGON ID |
| | WIRE FENCE | | AREA PROPOSED FOR PCB SOIL REMOVAL |
| | CHAIN LINK FENCE | | AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL |
| | DECIDUOUS TREE | | AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL |
| | CONIFEROUS TREE | | |
| | OVERHEAD WIRES | | |
| | UTILITY POLE | | |
| | SIGN | | |

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS. SOME PROPERTY LINES ALONG ESTHER TERRACE FROM CITY OF PITTSFIELD TAX MAPS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
3. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.



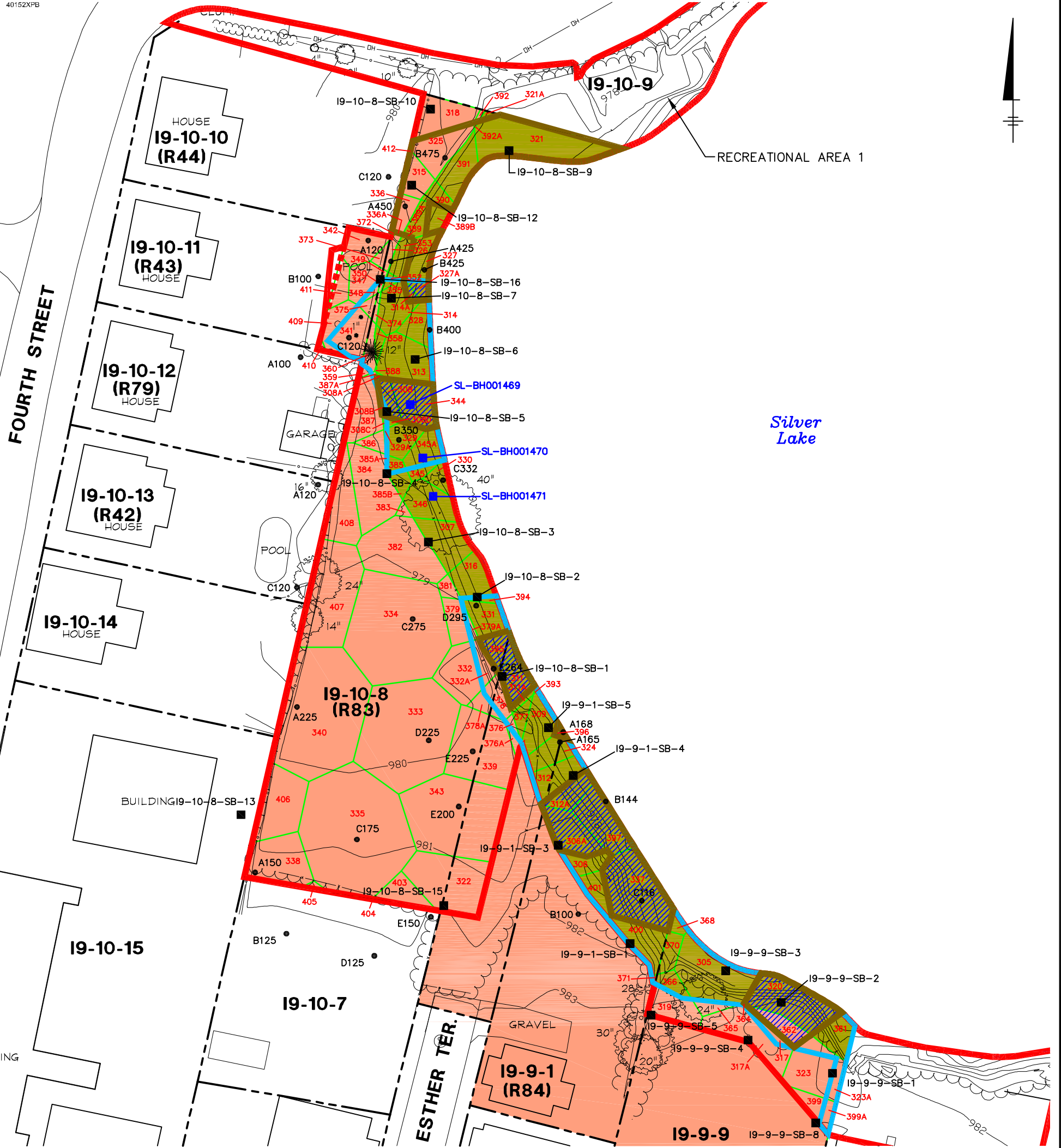
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**PARCELS 19-9-1 & -9, 19-10-8 & -11
 THEISSEN POLYGON MAP
 2- TO 3-FOOT DEPTH INCREMENT**

ARCADIS

FIGURE
D-43

XREFS: IMAGES: PROJECTNAME: ---
 40152X01
 40152X04
 40152XPB

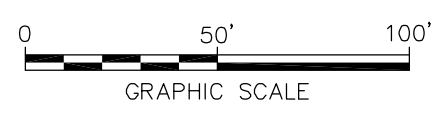


LEGEND:

- | | | | |
|----------------------|--|--|---|
| | APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY) | | RESIDENTIAL PROPERTY |
| | APPROXIMATE PROPERTY LINE | | BANK PORTIONS OF RESIDENTIAL PROPERTIES |
| 19-10-8 (R83) | PROPERTY ID | | HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION |
| | EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER | | PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION |
| | SURFACE ELEVATION (1-FT CONTOUR) | | APRIL 2008 EPA SOIL SAMPLE LOCATION |
| | EDGE OF BUSHES | | MEAN WATER ELEV (975.9) (APPROX.) |
| | GUARDRAIL | | HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH |
| | WOODEN FENCE | | POLYGON ID |
| | WIRE FENCE | | AREA PROPOSED FOR PCB SOIL REMOVAL |
| | CHAIN LINK FENCE | | AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL |
| | DECIDUOUS TREE | | AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL |
| | CONIFEROUS TREE | | |
| | OVERHEAD WIRES | | |
| | UTILITY POLE | | |
| | SIGN | | |

NOTES:

- BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS. SOME PROPERTY LINES ALONG ESTHER TERRACE FROM CITY OF PITTSFIELD TAX MAPS.
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GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**PARCELS 19-9-1 & -9, 19-10-8 & -11
 THEISSEN POLYGON MAP
 3- TO 4-FOOT DEPTH INCREMENT**

ARCADIS

FIGURE **D-44**

XREFS: IMAGES: PROJECTNAME: --
 40152X01
 40152X04
 40152XPB

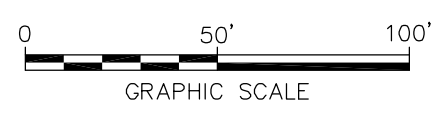


LEGEND:

- | | | | |
|----------------------|--|--|---|
| | APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY) | | RESIDENTIAL PROPERTY |
| | APPROXIMATE PROPERTY LINE | | BANK PORTIONS OF RESIDENTIAL PROPERTIES |
| 19-10-8 (R83) | PROPERTY ID | | HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION |
| | EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER | | PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION |
| | SURFACE ELEVATION (1-FT CONTOUR) | | APRIL 2008 EPA SOIL SAMPLE LOCATION |
| | EDGE OF BUSHES | | MEAN WATER ELEV (975.9) (APPROX.) |
| | GUARDRAIL | | HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH |
| | WOODEN FENCE | | POLYGON ID |
| | WIRE FENCE | | AREA PROPOSED FOR PCB SOIL REMOVAL |
| | CHAIN LINK FENCE | | AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL |
| | DECIDUOUS TREE | | AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL |
| | CONIFEROUS TREE | | |
| | OVERHEAD WIRES | | |
| | UTILITY POLE | | |
| | SIGN | | |

NOTES:

- BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS. SOME PROPERTY LINES ALONG ESTHER TERRACE FROM CITY OF PITTSFIELD TAX MAPS.
- UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.



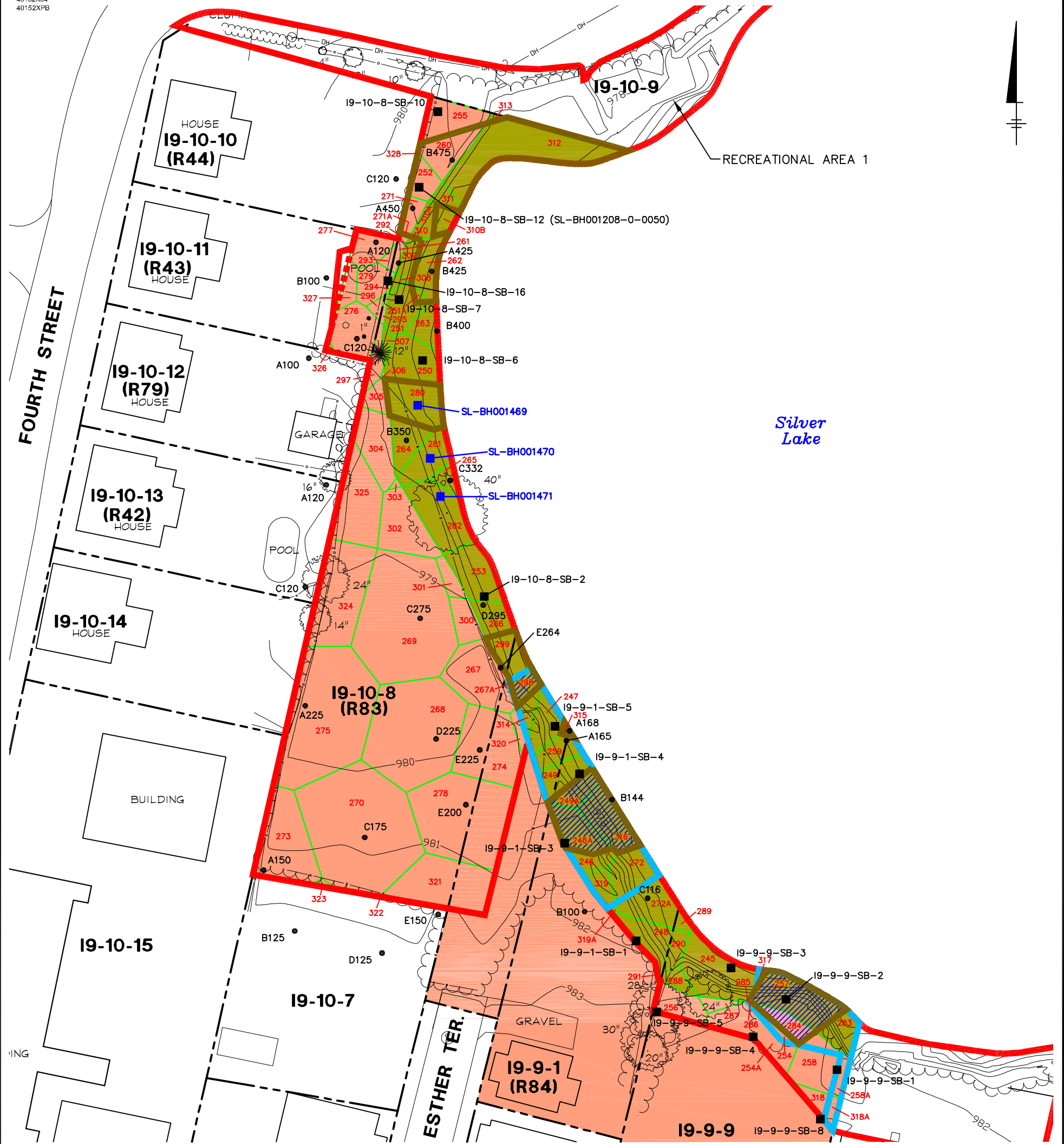
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**PARCELS 19-9-1 & -9, 19-10-8 & -11
 THEISSEN POLYGON MAP
 4- TO 5-FOOT DEPTH INCREMENT**

ARCADIS

FIGURE **D-45**

XREFS: IMAGES: PROJECTNAME: ---
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 40152X04
 40152XPB

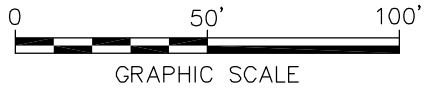


LEGEND:

- | | | | |
|----------------------|--|--|---|
| | APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY) | | RESIDENTIAL PROPERTY |
| | APPROXIMATE PROPERTY LINE | | BANK PORTIONS OF RESIDENTIAL PROPERTIES |
| 19-10-8 (R83) | PROPERTY ID | | HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION |
| | EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER | | PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION |
| | SURFACE ELEVATION (1-FT CONTOUR) | | APRIL 2008 EPA SOIL SAMPLE LOCATION |
| | EDGE OF BUSHES | | MEAN WATER ELEV (975.9) (APPROX.) |
| | GUARDRAIL | | HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH |
| | WOODEN FENCE | | POLYGON ID |
| | WIRE FENCE | | AREA PROPOSED FOR PCB SOIL REMOVAL |
| | CHAIN LINK FENCE | | AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL |
| | DECIDUOUS TREE | | AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL |
| | CONIFEROUS TREE | | |
| | OVERHEAD WIRES | | |
| | UTILITY POLE | | |
| | SIGN | | |

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS. SOME PROPERTY LINES ALONG ESTHER TERRACE FROM CITY OF PITTSFIELD TAX MAPS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
3. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.



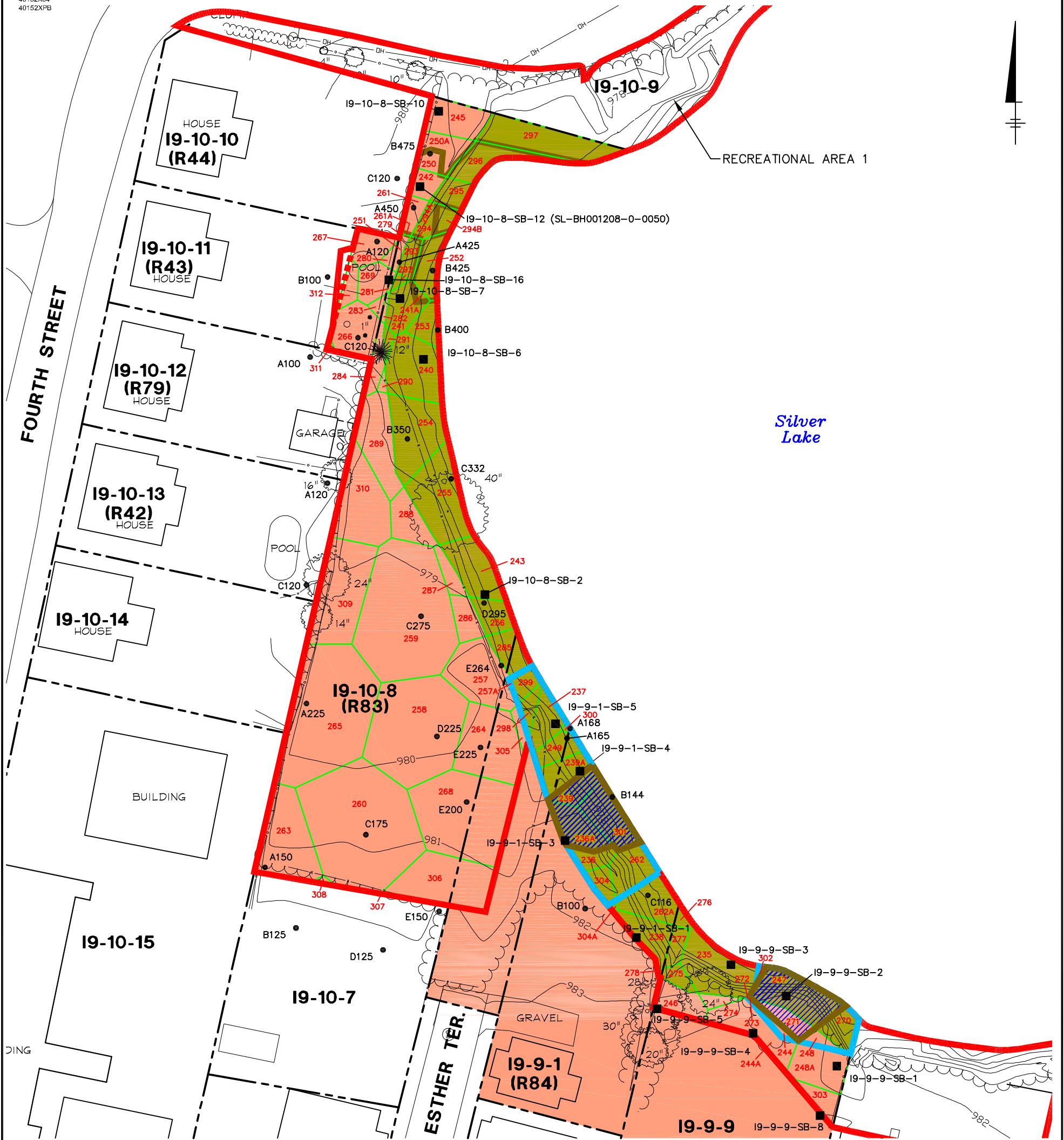
GENERAL ELECTRIC COMPANY
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**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**PARCELS 19-9-1 & -9, 19-10-8 & -11
 THEISSEN POLYGON MAP
 5- TO 6-FOOT DEPTH INCREMENT**

ARCADIS

FIGURE **D-46**

XREFS: IMAGES: PROJECTNAME: ---
 40152X01
 40152X04
 40152XPB



LEGEND:

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|----------------------|--|--|---|
| | APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY) | | RESIDENTIAL PROPERTY |
| | APPROXIMATE PROPERTY LINE | | BANK PORTIONS OF RESIDENTIAL PROPERTIES |
| 19-10-8 (R83) | PROPERTY ID
EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER | | HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION |
| | SURFACE ELEVATION (1-FT CONTOUR) | | PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION |
| | EDGE OF BUSHES | | MEAN WATER ELEV (975.9) (APPROX.) |
| | GUARDRAIL | | HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH |
| | WOODEN FENCE | | POLYGON ID |
| | WIRE FENCE | | AREA PROPOSED FOR PCB SOIL REMOVAL |
| | CHAIN LINK FENCE | | AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL |
| | DECIDUOUS TREE | | AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL |
| | CONIFEROUS TREE | | |
| | OVERHEAD WIRES | | |
| | UTILITY POLE | | |
| | SIGN | | |

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS. SOME PROPERTY LINES ALONG ESTHER TERRACE FROM CITY OF PITTSFIELD TAX MAPS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
3. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.



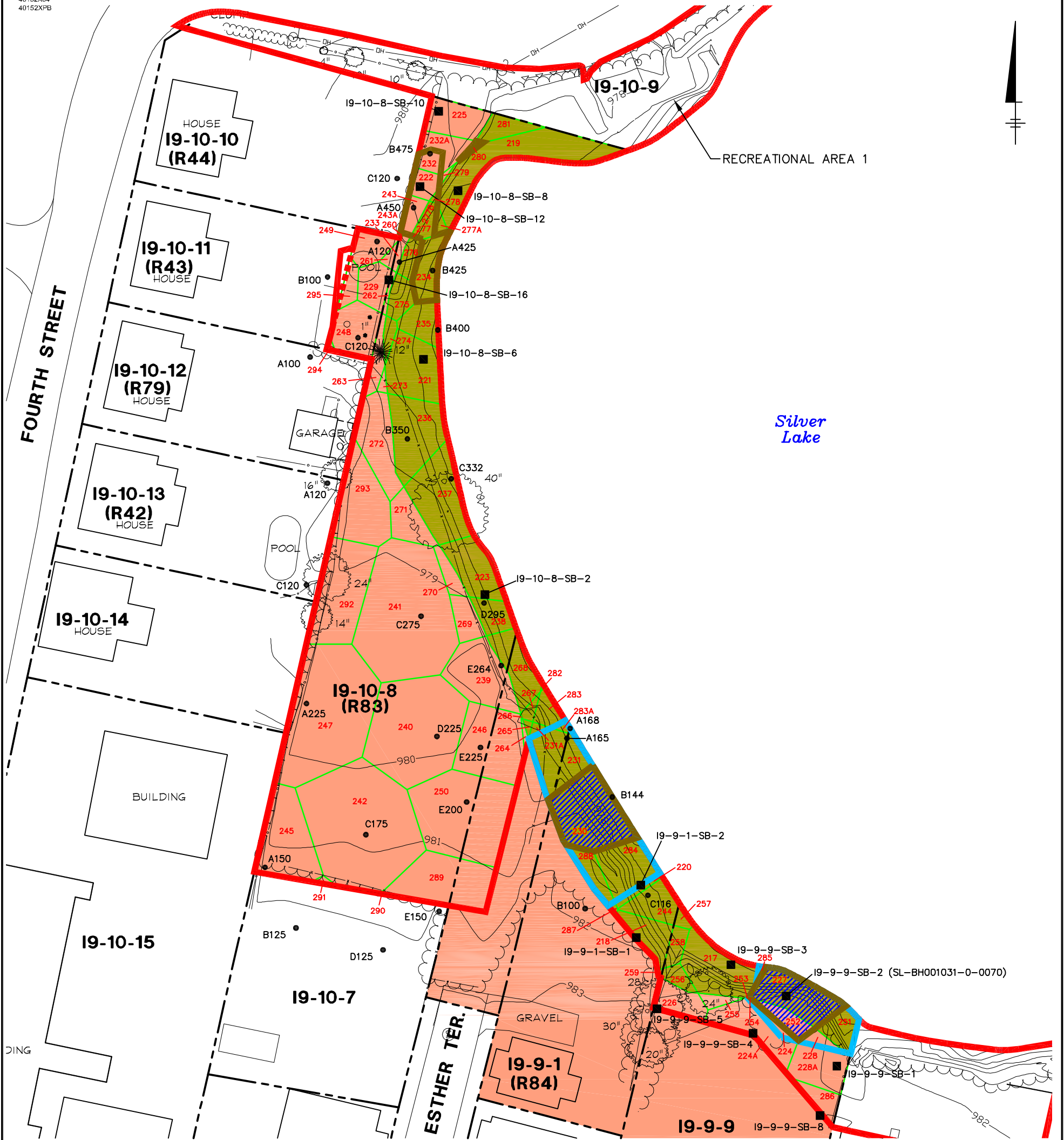
GENERAL ELECTRIC COMPANY
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**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**PARCELS 19-9-1 & -9, 19-10-8 & -11
 THEISSEN POLYGON MAP
 6- TO 7-FOOT DEPTH INCREMENT**

ARCADIS

FIGURE **D-47**

XREFS: IMAGES: PROJECTNAME: --
 40152X01
 40152X04
 40152XPB

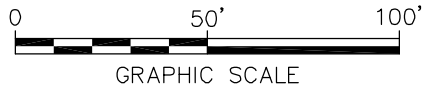


LEGEND:

- | | | | |
|----------------------|--|--|---|
| | APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY) | | RESIDENTIAL PROPERTY |
| | APPROXIMATE PROPERTY LINE | | BANK PORTIONS OF RESIDENTIAL PROPERTIES |
| 19-10-8 (R83) | PROPERTY ID | | HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION |
| | EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER | | PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION |
| | SURFACE ELEVATION (1-FT CONTOUR) | | MEAN WATER ELEV (975.9) (APPROX.) |
| | EDGE OF BUSHES | | HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH |
| | GUARDRAIL | | POLYGON ID |
| | WOODEN FENCE | | AREA PROPOSED FOR PCB SOIL REMOVAL |
| | WIRE FENCE | | AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL |
| | CHAIN LINK FENCE | | AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL |
| | DECIDUOUS TREE | | |
| | CONIFEROUS TREE | | |
| | OVERHEAD WIRES | | |
| | UTILITY POLE | | |
| | SIGN | | |

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS. SOME PROPERTY LINES ALONG ESTHER TERRACE FROM CITY OF PITTSFIELD TAX MAPS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
3. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.



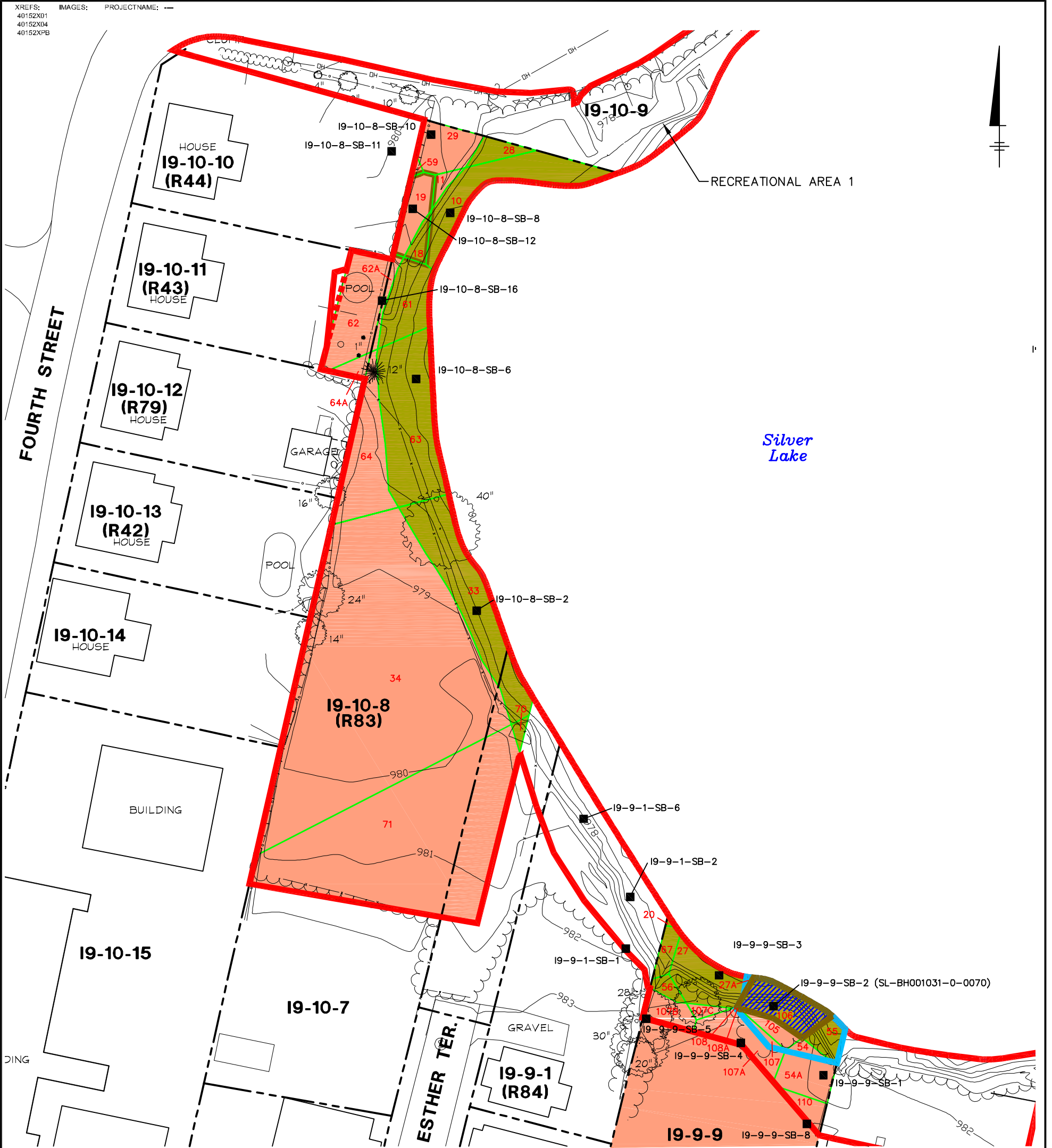
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**PARCELS 19-9-1 & -9, 19-10-8 & -11
 THEISSEN POLYGON MAP
 7- TO 8-FOOT DEPTH INCREMENT**

ARCADIS

FIGURE **D-48**

XREFS: IMAGES: PROJECTNAME: --
 40152X01
 40152X04
 40152XPB



LEGEND:

- | | | | |
|----------------------|--|-----------|---|
| | APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY) | | RESIDENTIAL PROPERTY |
| | APPROXIMATE PROPERTY LINE | | BANK PORTIONS OF RESIDENTIAL PROPERTIES |
| 19-10-8 (R83) | PROPERTY ID
EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER | | PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION |
| | SURFACE ELEVATION (1-FT CONTOUR) | | MEAN WATER ELEV (975.9) (APPROX.) |
| | EDGE OF BUSHES | | HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH |
| | GUARDRAIL | 63 | POLYGON ID |
| | WOODEN FENCE | | AREA PROPOSED FOR PCB SOIL REMOVAL |
| | WIRE FENCE | | AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL |
| | CHAIN LINK FENCE | | AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL |
| | DECIDUOUS TREE | | |
| | CONIFEROUS TREE | | |
| | OVERHEAD WIRES | | |
| | UTILITY POLE | | |
| | SIGN | | |

NOTES:

- BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS. SOME PROPERTY LINES ALONG ESTHER TERRACE FROM CITY OF PITTSFIELD TAX MAPS.
- UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
- EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.



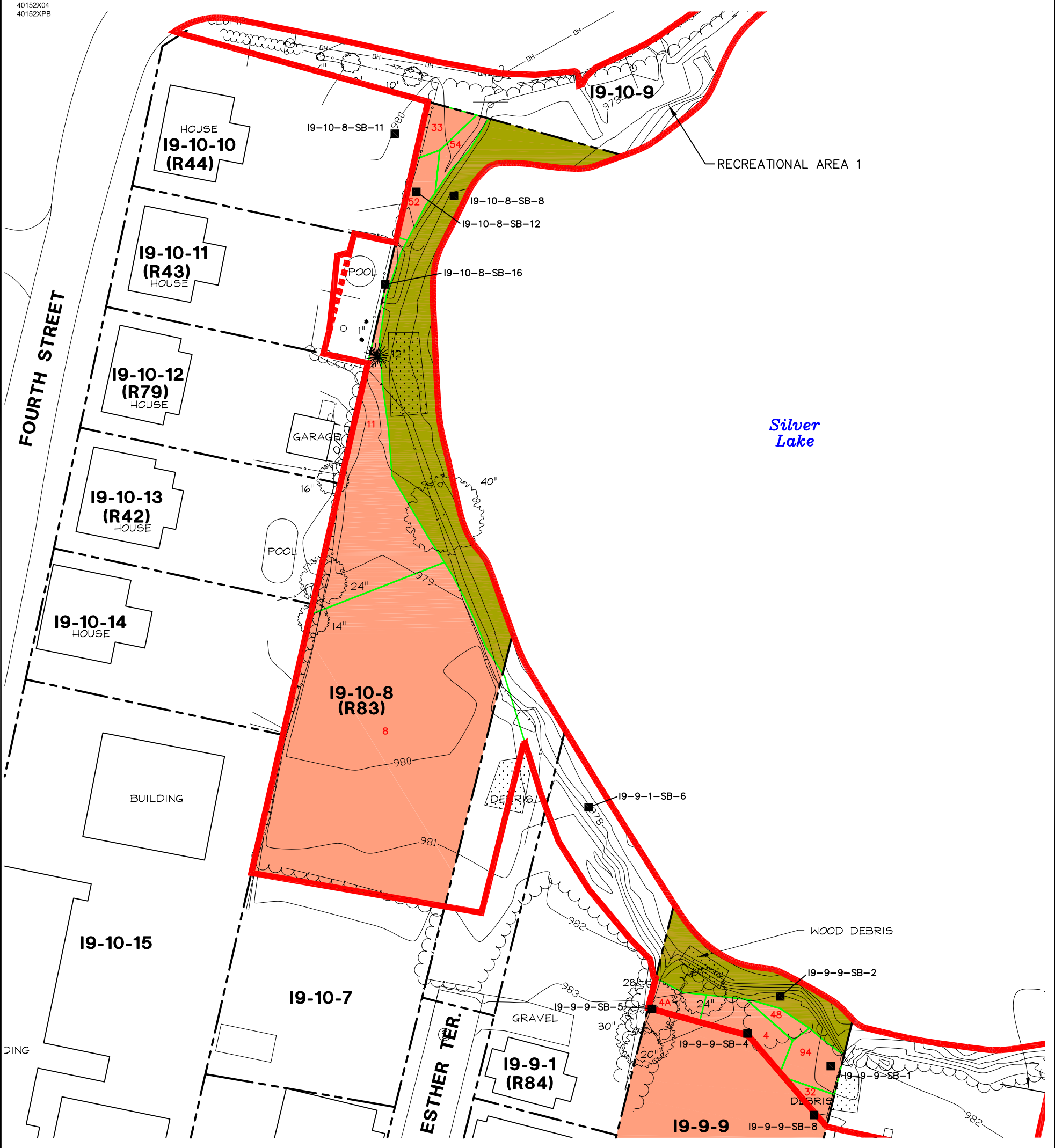
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**PARCELS 19-9-9, 19-10-8 & -11
 THEISSEN POLYGON MAP
 8- TO 9-FOOT DEPTH INCREMENT**

ARCADIS

FIGURE **D-49**

XREFS: IMAGES: PROJECTNAME: ---
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 40152X04
 40152XPB

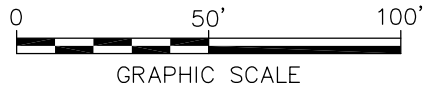


LEGEND:

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|----------------------|--|-----------|---|
| | APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY) | | RESIDENTIAL PROPERTY |
| | APPROXIMATE PROPERTY LINE | | BANK PORTIONS OF RESIDENTIAL PROPERTIES |
| 19-10-8 (R83) | PROPERTY ID | | PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION |
| | EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER | | MEAN WATER ELEV (975.9) (APPROX.) |
| | SURFACE ELEVATION (1-FT CONTOUR) | | HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH |
| | EDGE OF BUSHES | 94 | POLYGON ID |
| | GUARDRAIL | | |
| | WOODEN FENCE | | |
| | WIRE FENCE | | |
| | CHAIN LINK FENCE | | |
| | DECIDUOUS TREE | | |
| | CONIFEROUS TREE | | |
| | OVERHEAD WIRES | | |
| | UTILITY POLE | | |
| | SIGN | | |

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS. SOME PROPERTY LINES ALONG ESTHER TERRACE FROM CITY OF PITTSFIELD TAX MAPS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.



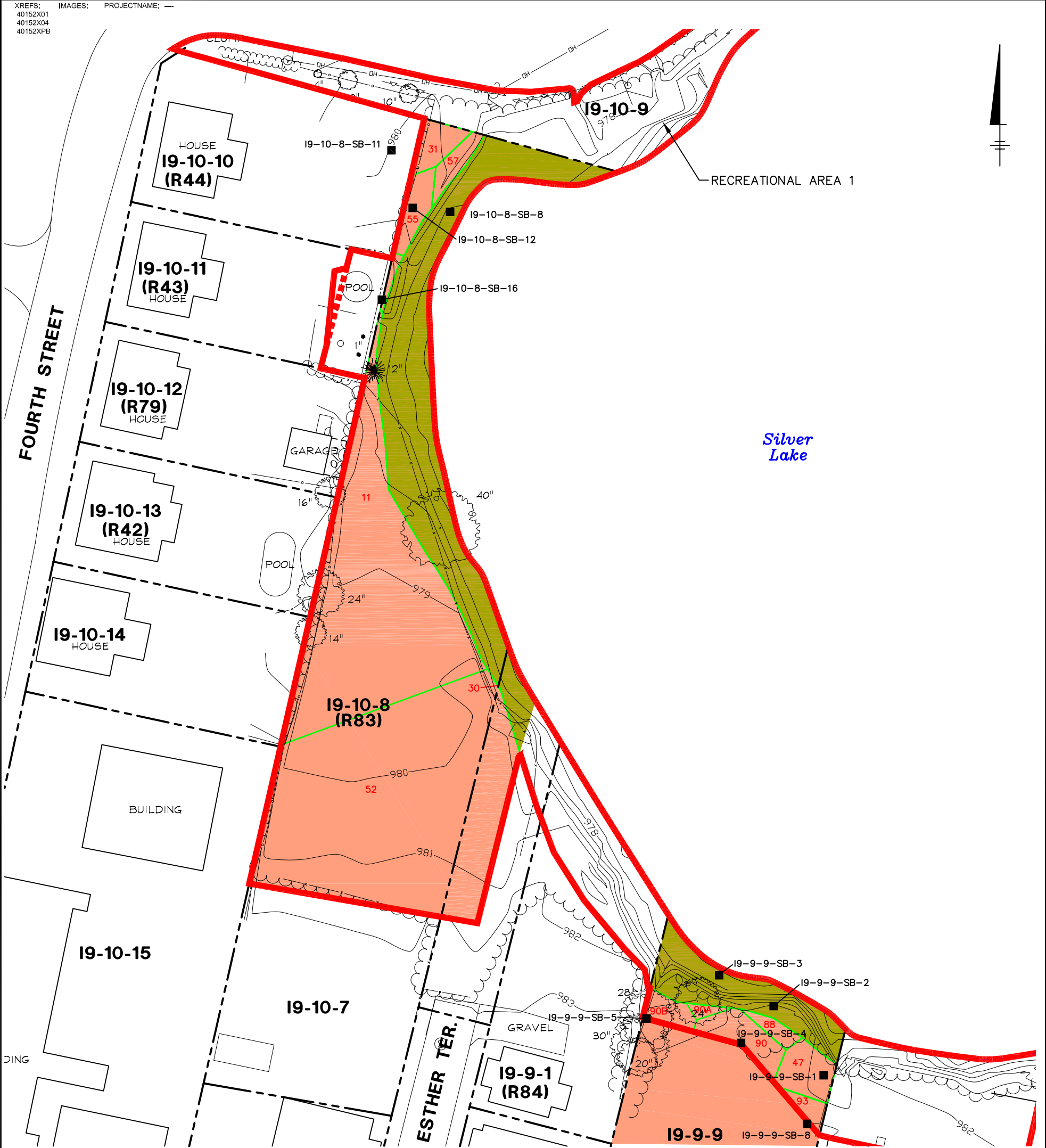
GENERAL ELECTRIC COMPANY
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**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**PARCELS 19-9-9 & 19-10-8
 THEISSEN POLYGON MAP
 9- TO 10-FOOT DEPTH INCREMENT**

ARCADIS

FIGURE **D-50**

XREFS: IMAGES: PROJECTNAME: ---
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 40152X04
 40152XPB

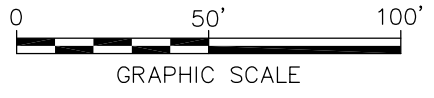


LEGEND:

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|----------------------|--|-----------|---|
| | APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY) | | RESIDENTIAL PROPERTY |
| | APPROXIMATE PROPERTY LINE | | BANK PORTIONS OF RESIDENTIAL PROPERTIES |
| 19-10-8 (R83) | PROPERTY ID | | PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION |
| | EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER | | MEAN WATER ELEV (975.9) (APPROX.) |
| | SURFACE ELEVATION (1-FT CONTOUR) | | HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH |
| | EDGE OF BUSHES | 93 | POLYGON ID |
| | GUARDRAIL | | |
| | WOODEN FENCE | | |
| | WIRE FENCE | | |
| | CHAIN LINK FENCE | | |
| | DECIDUOUS TREE | | |
| | CONIFEROUS TREE | | |
| | OVERHEAD WIRES | | |
| | UTILITY POLE | | |
| | SIGN | | |

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS. SOME PROPERTY LINES ALONG ESTHER TERRACE FROM CITY OF PITTSFIELD TAX MAPS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.



GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

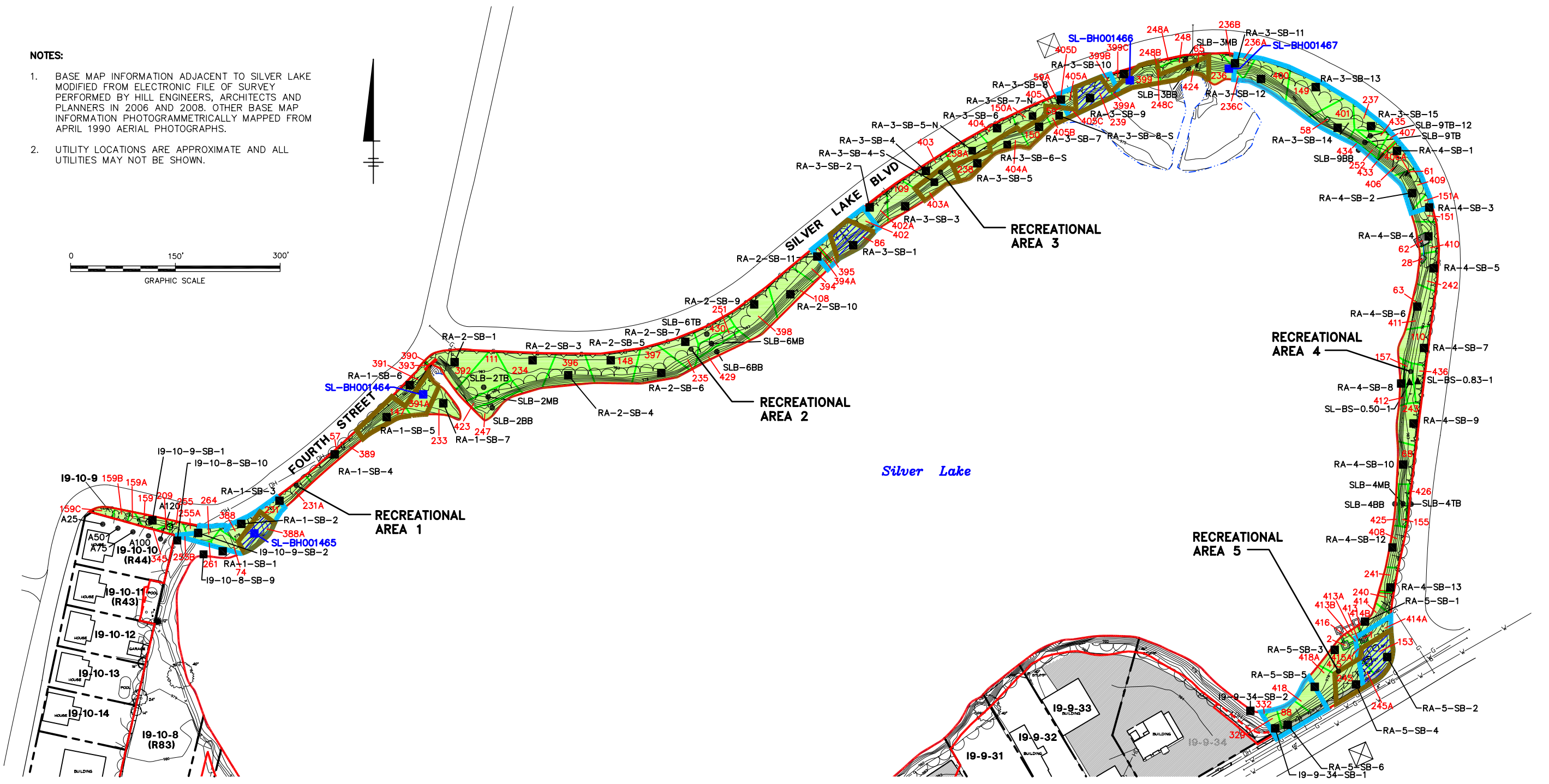
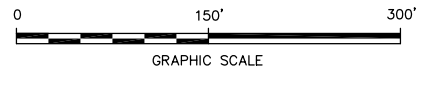
**PARCELS 19-9-9 & 19-10-8
 THEISSEN POLYGON MAP
 10- TO 11-FOOT DEPTH INCREMENT**

ARCADIS

FIGURE
D-51

CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/LAF LD: DMW PIC: PM: LVR: ON: OFF: REF: G:\CAD\GE-CAD\IN-AC\T\B0040152\0000\0002\DWG\FINAL\WORKPLAN\REVISED40152G13.DWG LAYOUT: D-52 SAVED: 10/22/2008 2:38 PM ACADVER: 17.0S (LMS TECH) PAGES: 17 PLOT: PLOTSTYLETABLE: PLT\FULL.CTB PLOTTED: 10/22/2008 2:39 PM BY: BRENNAN, ALICE XREFS: 40152X01 40152X00 40152X04

- NOTES:**
- BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 - UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.



LEGEND:

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|--|--|--|---|
| <p>—○— CHAIN LINK FENCE</p> <p>○ DECIDUOUS TREE</p> <p>● CONIFEROUS TREE</p> <p>—G— GAS SERVICE</p> <p>—v— WATER SERVICE</p> <p>—D— STORM SEWER</p> <p>● SANITARY MANHOLE</p> <p>• CATCH BASIN</p> | <p>—○— UTILITY POLE</p> <p>- SIGN</p> <p>■ ELECTRIC METER</p> <p>RECREATIONAL AVERAGING AREA SUBJECT TO PRE-DESIGN INVESTIGATIONS</p> <p>PAVED AREA</p> <p>● HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION</p> <p>■ PRE-DESIGN (2003-2007) PCB SOIL SAMPLE LOCATION</p> | <p>■ APRIL 2008 EPA SOIL SAMPLE LOCATION</p> <p>▲ ADDITIONAL SAMPLE LOCATION COLLECTED DURING THE PERFORMANCE OF PILOT STUDY</p> <p>□ HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH.</p> <p>402 POLYGON ID</p> <p>◊ AREA PROPOSED FOR PCB SOIL REMOVAL</p> | <p>◊ AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL</p> <p>▨ AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL</p> |
|--|--|--|---|

GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**
**RECREATIONAL AREAS
 THEISSEN POLYGON MAP
 0- TO 0.5-FOOT DEPTH INCREMENT**

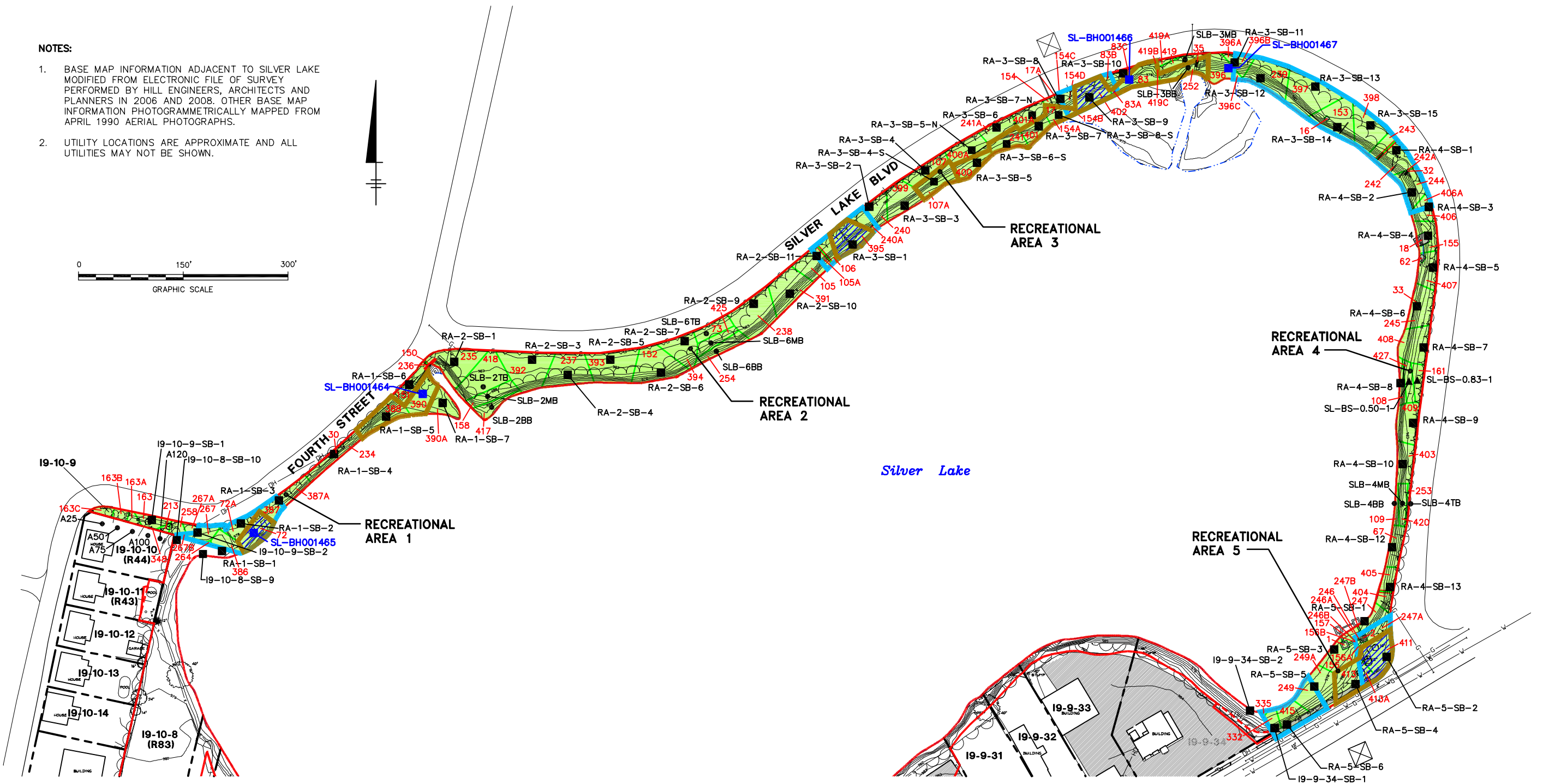
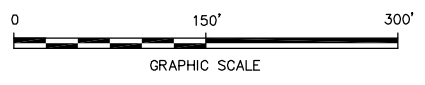
ARCADIS

FIGURE
D-52

CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/LAF LD: DMW PIC: PM: TM: LYR: ONE-OFF-REF-
 G:\CAD\GE-CAD\NACT\10040152\000000\0002\DWG\FINAL\WORKPLAN\REVISED\0152G14.DWG LAYOUT: D-53 SAVED: 10/22/2008 2:15 PM ACADVER: 17.05 (LMS TECH) PAGESETUP: PLOTSTYLETABLE: PLT\FULL.CTB PLOTTED: 10/22/2008 2:16 PM BY: STINSON, KATE
 XREFS: 40152201 40152200 40152204
 IMAGES: PROJECTNAME:

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.



LEGEND:

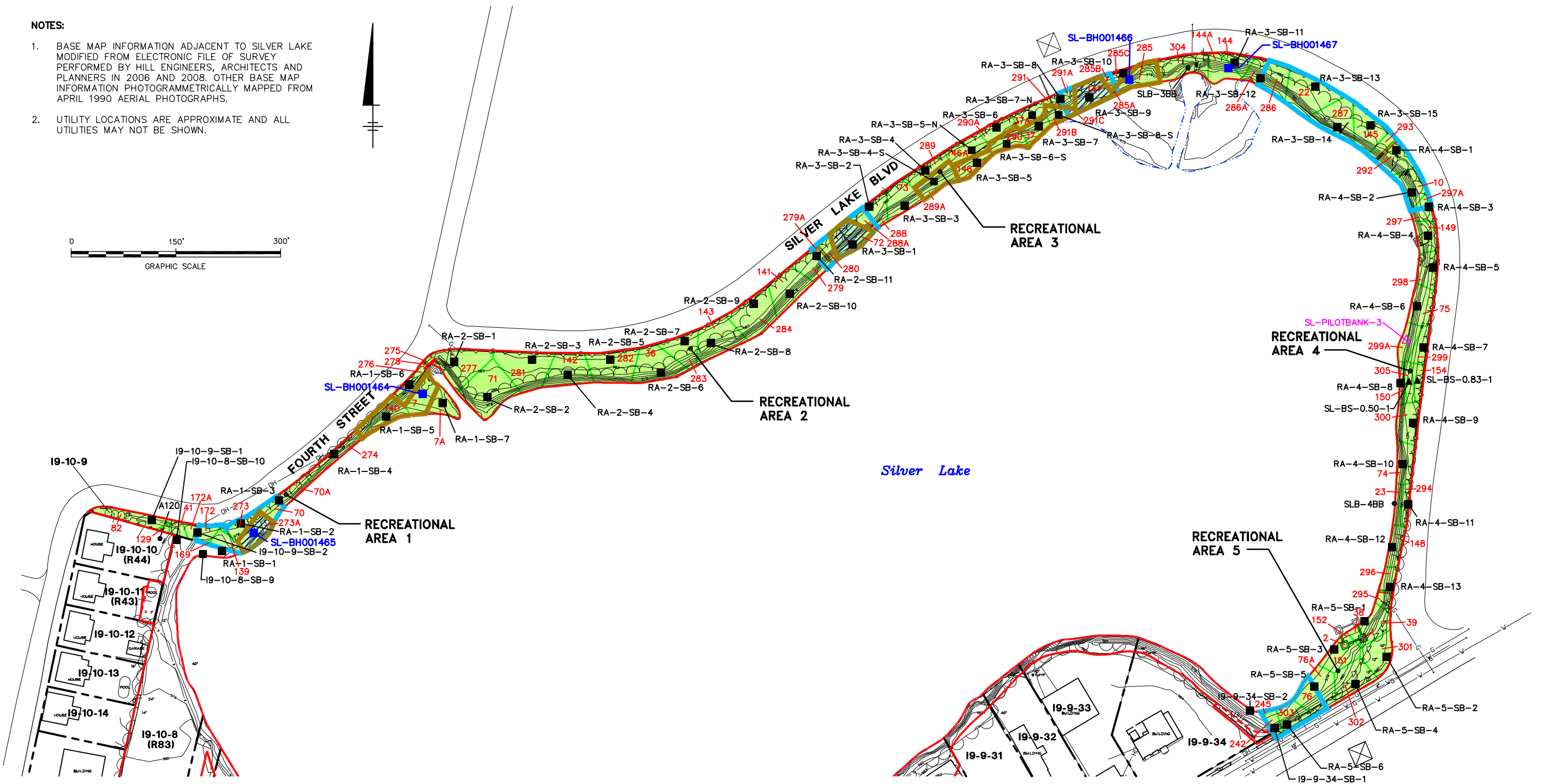
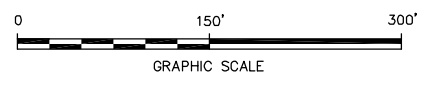
- | | | | | |
|---|---|---|---|--|
| <ul style="list-style-type: none"> —○— CHAIN LINK FENCE ○ DECIDUOUS TREE ★ CONIFEROUS TREE —G— GAS SERVICE —W— WATER SERVICE —D— STORM SEWER • SANITARY MANHOLE • CATCH BASIN | <ul style="list-style-type: none"> —○— CHAIN LINK FENCE ○ DECIDUOUS TREE ★ CONIFEROUS TREE —G— GAS SERVICE —W— WATER SERVICE —D— STORM SEWER • SANITARY MANHOLE • CATCH BASIN | <ul style="list-style-type: none"> ○ UTILITY POLE - SIGN ■ ELECTRIC METER ■ RECREATIONAL AVERAGING AREA SUBJECT TO PRE-DESIGN INVESTIGATIONS ■ PAVED AREA • HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION ■ PRE-DESIGN (2003-2007) PCB SOIL SAMPLE LOCATION | <ul style="list-style-type: none"> ■ APRIL 2008 EPA SOIL SAMPLE LOCATION ▲ ADDITIONAL SAMPLE LOCATION COLLECTED DURING THE PERFORMANCE OF PILOT STUDY □ HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH. 301 POLYGON ID ■ AREA PROPOSED FOR PCB SOIL REMOVAL | <ul style="list-style-type: none"> □ AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL ▨ AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL |
|---|---|---|---|--|

GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**
**RECREATIONAL AREAS
 THEISSEN POLYGON MAP
 0.5- TO 1-FOOT DEPTH INCREMENT**

CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/LAF LD: DMW PIC: PM: TM: LYR: ONE=OFF=REF-
 G:\CAD\GEC-CAD\NACT\10040152\000000\0002\DWG\FINAL\WORKPLAN\REVISED\0152G15.DWG LAYOUT: D-54 SAVED: 10/22/2008 2:13 PM ACADVER: 17.05 (LMS TECH) PAGESETUP: PLOTSTYLETABLE: PLT\FULL.CTB PLOTTED: 10/22/2008 2:14 PM BY: STINSON, KATE
 XREFS: 40152X01 40152X00 40152X04
 IMAGES: PROJECTNAME:

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.



LEGEND:

- | | | | |
|---|---|---|--|
| <ul style="list-style-type: none"> —○— CHAIN LINK FENCE ○ DECIDUOUS TREE ★ CONIFEROUS TREE —G— GAS SERVICE —W— WATER SERVICE —D— STORM SEWER ○ SANITARY MANHOLE • CATCH BASIN | <ul style="list-style-type: none"> —○— UTILITY POLE — SIGN ■ ELECTRIC METER ■ RECREATIONAL AVERAGING AREA SUBJECT TO PRE-DESIGN INVESTIGATIONS ● HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION ■ PRE-DESIGN (2003-2007) PCB SOIL SAMPLE LOCATION | <ul style="list-style-type: none"> ■ APRIL 2008 EPA SOIL SAMPLE LOCATION ▲ ADDITIONAL SAMPLE LOCATION COLLECTED DURING THE PERFORMANCE OF PILOT STUDY ▲ SAMPLE LOCATION COLLECTED DURING ADDITIONAL FIELD INVESTIGATIONS ▲ HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH. 154 POLYGON ID ■ AREA PROPOSED FOR PCB SOIL REMOVAL | <ul style="list-style-type: none"> ■ AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL ■ AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL |
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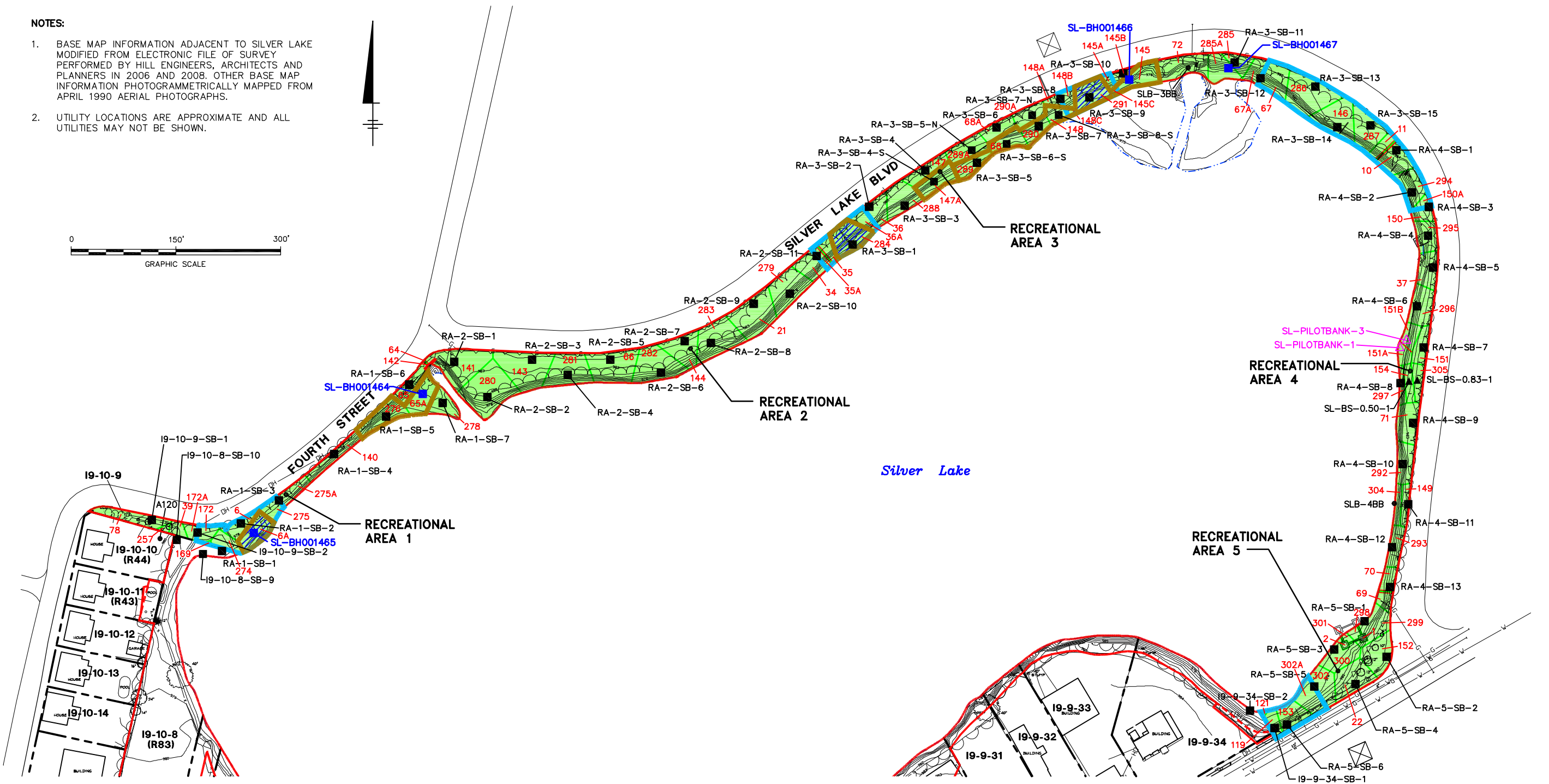
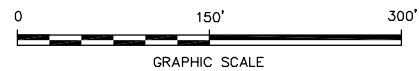
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**
**RECREATIONAL AREAS
 THEISSEN POLYGON MAP
 1- TO 2-FOOT DEPTH INCREMENT**



CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/LAF LD: DMW PIC: PM: TM: LYR: ONE=OFF=REF-
 G:\CAD\GE-CAD\NACT\10040152\000000\0002\DWG\FINAL\WORKPLAN\REVISED\0152G12.DWG LAYOUT: D-55 SAVED: 10/22/2008 2:18 PM ACADVER: 17.05 (LMS TECH) PAGES: 17 PLOTTED: 10/22/2008 2:19 PM BY: STINSON, KATE
 XREFS: 40152X01 40152X00 40152X04
 IMAGES: PROJECTNAME:

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.



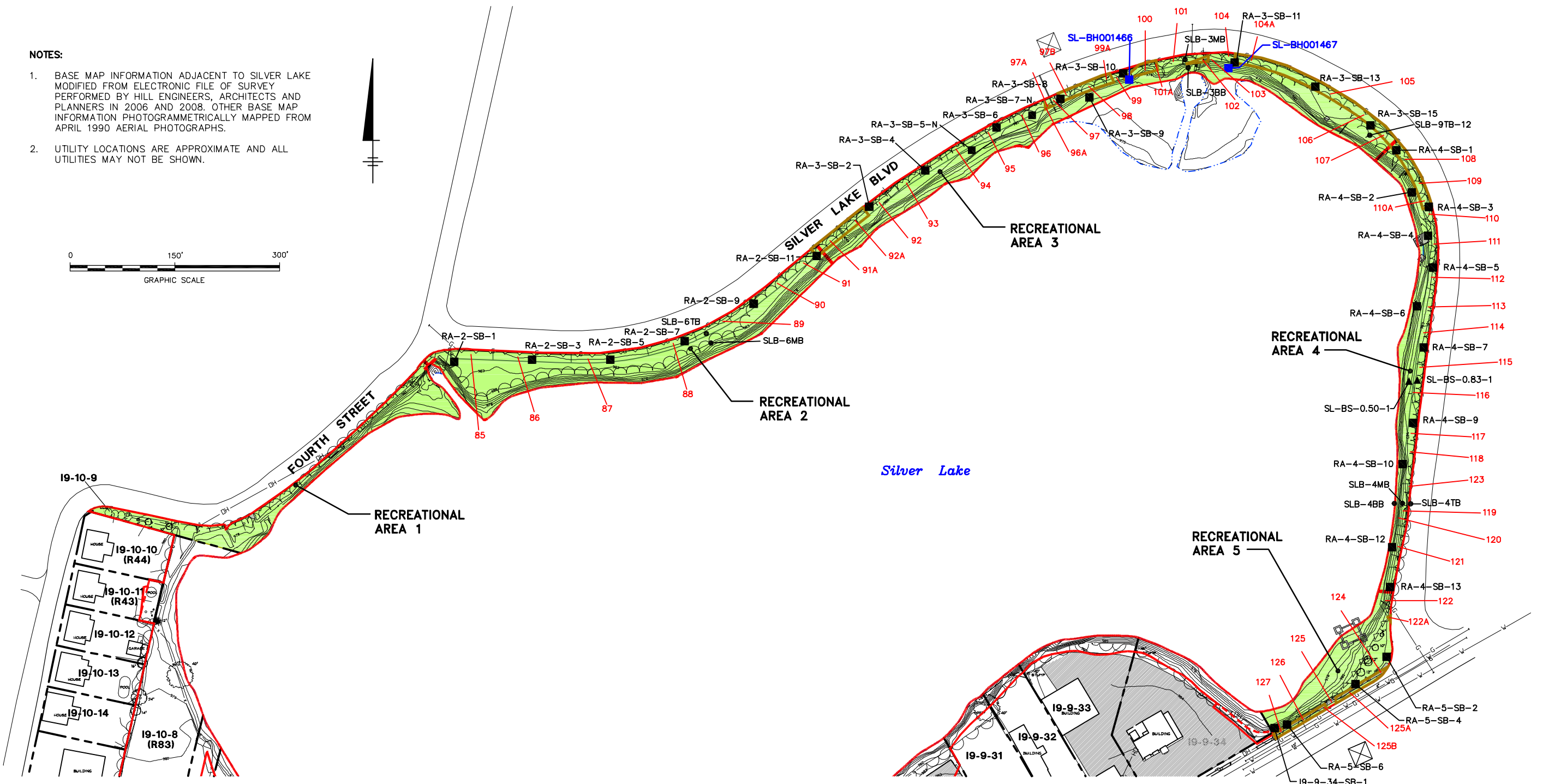
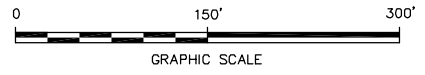
LEGEND:

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| <ul style="list-style-type: none"> —○— CHAIN LINK FENCE ○ DECIDUOUS TREE ★ CONIFEROUS TREE —G— GAS SERVICE —W— WATER SERVICE —D— STORM SEWER ● SANITARY MANHOLE • CATCH BASIN | <ul style="list-style-type: none"> —○— CHAIN LINK FENCE ○ DECIDUOUS TREE ★ CONIFEROUS TREE —G— GAS SERVICE —W— WATER SERVICE —D— STORM SEWER ● SANITARY MANHOLE • CATCH BASIN | <ul style="list-style-type: none"> ■ APRIL 2008 EPA SOIL SAMPLE LOCATION ▲ ADDITIONAL SAMPLE LOCATION COLLECTED DURING THE PERFORMANCE OF PILOT STUDY △ SAMPLE LOCATION COLLECTED DURING ADDITIONAL FIELD INVESTIGATIONS □ HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH. 154 POLYGON ID ◊ AREA PROPOSED FOR PCB SOIL REMOVAL | <ul style="list-style-type: none"> ◊ AREA PROPOSED FOR APPENDIX IX+3 SOIL REMOVAL ▨ AREA PROPOSED FOR PCB AND APPENDIX IX+3 SOIL REMOVAL |
|---|---|---|--|

GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**
**RECREATIONAL AREAS
 THEISSEN POLYGON MAP
 2- TO 3-FOOT DEPTH INCREMENT**

CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/KFS/AGS LD: DMW PIC: PNC A. RIZZO TM: LYR: ON/OFF/REF*
 G:\CAD\GE-CAD\NACT\10040152\000000\0002\DWG\FINAL\WORKPLAN\REVISED\0152G24.DWG LAYOUT: D-56 SAVED: 10/22/2008 2:25 PM ACADVER: 17.05 (LMS TECH) PAGES: 17 PLOT: PLT\ULL\CTB PLOTTED: 10/22/2008 2:25 PM BY: STINSON, KATE
 XREFS: 40152X01 40152X00 40152X04
 IMAGES: PROJECTNAME:

- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.



LEGEND:

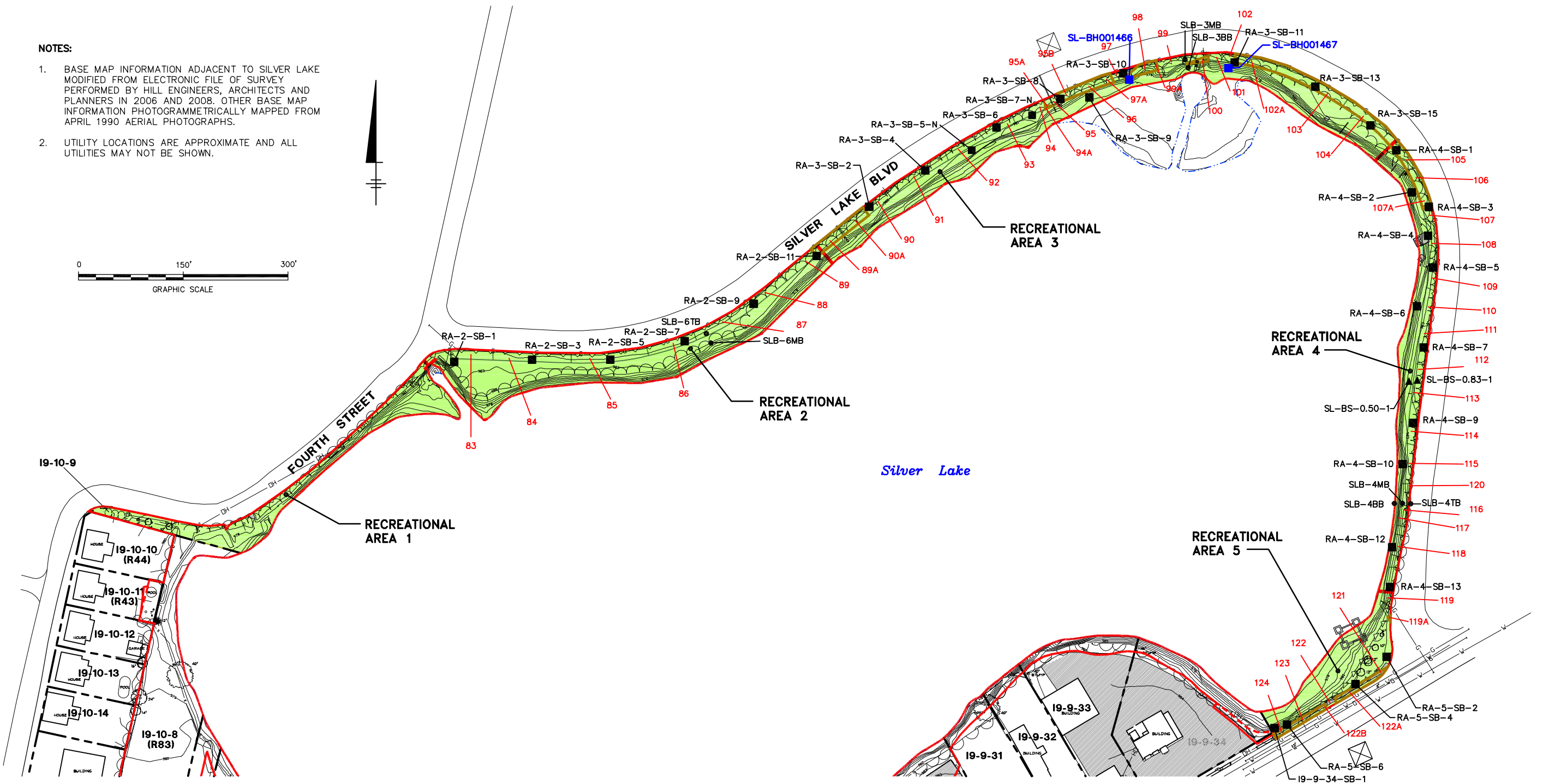
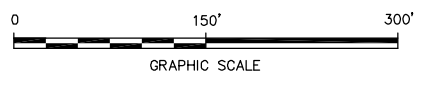
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| <ul style="list-style-type: none"> —○— CHAIN LINK FENCE ○ DECIDUOUS TREE ★ CONIFEROUS TREE —G— GAS SERVICE —W— WATER SERVICE —D— STORM SEWER ○ SANITARY MANHOLE • CATCH BASIN | <ul style="list-style-type: none"> —○— CHAIN LINK FENCE ○ DECIDUOUS TREE ★ CONIFEROUS TREE —G— GAS SERVICE —W— WATER SERVICE —D— STORM SEWER ○ SANITARY MANHOLE • CATCH BASIN | <ul style="list-style-type: none"> ■ APRIL 2008 EPA SOIL SAMPLE LOCATION ▲ ADDITIONAL SAMPLE LOCATION COLLECTED DURING THE PERFORMANCE OF PILOT STUDY □ HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH. 85 POLYGON ID ■ AREA PROPOSED FOR SOIL REMOVAL |
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GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**
**UTILITY CORRIDOR
 THEISSEN POLYGON MAP
 0- TO 0.5-FOOT DEPTH INCREMENT**

CITY: SYRACUSE DIV/PROJECT: 141 DB: DMW/KFS AGS LD: DMW PIC: FN: A. RIZZO TM: LYR: ONE*OFFT=REF*
 G:\CAD\GE-CAD\NACT\10040152\000000\0002\DWG\FINAL\WORKPLAN\REVISED\04152G25.DWG LAYOUT: D-57 SAVED: 10/22/2008 2:33 PM ACADVER: 17.05 (LMS TECH) PAGES: 17 PLOT: 10/22/2008 2:33 PM BY: STINSON, KATE
 XREFS: 40152X01 40152X00 40152X04
 IMAGES: PROJECTNAME:

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.



LEGEND:

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| —○— CHAIN LINK FENCE | ○ DECIDUOUS TREE | ● APRIL 2008 EPA SOIL SAMPLE LOCATION |
| —●— CONIFEROUS TREE | —G— GAS SERVICE | ▲ ADDITIONAL SAMPLE LOCATION COLLECTED DURING THE PERFORMANCE OF PILOT STUDY |
| —v— WATER SERVICE | —D— STORM SEWER | □ HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH. |
| ● SANITARY MANHOLE | ● CATCH BASIN | 83 POLYGON ID |
| ● CATCH BASIN | ■ PAVED AREA | ■ AREA PROPOSED FOR SOIL REMOVAL |
| ■ PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION | | |
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
 - — — APPROXIMATE PROPERTY LINE
 - 19-10-8 PROPERTY ID
 - — — MEAN WATER ELEV (975.9) (APPROX.)
 - — — SURFACE ELEVATION (1-FT CONTOUR)
 - — — EDGE OF BUSHES
 - — — GUARDRAIL

GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**
**UTILITY CORRIDOR
 THEISSEN POLYGON MAP
 0.5- TO 1-FOOT DEPTH INCREMENT**

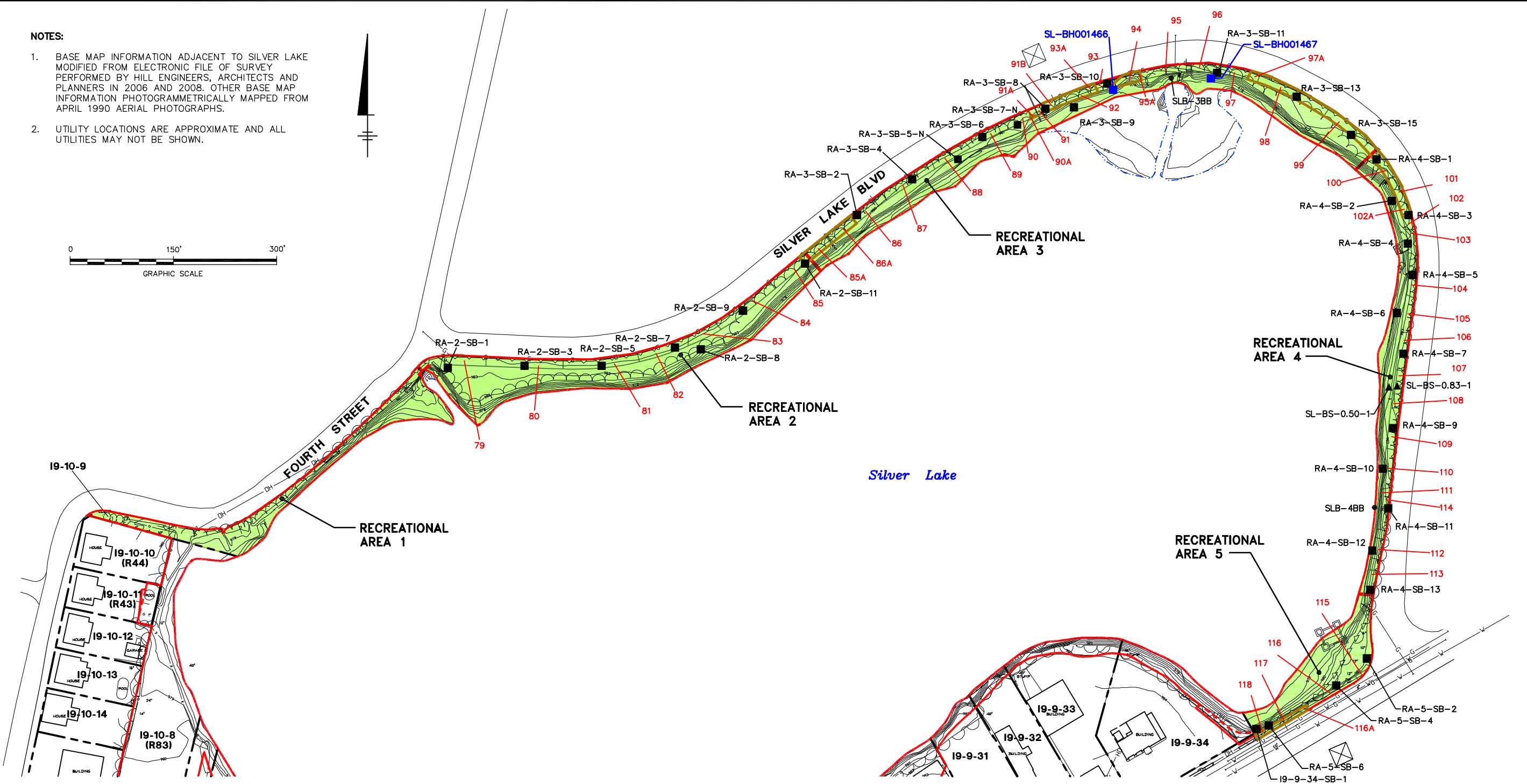
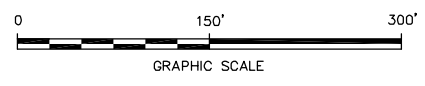


FIGURE
D-57

CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/KFS AGS LD: DMW PIC: FN: A. RIZZO TM: LYR: ONE*OFFT=REF* G:\CAD\GE-CAD\NACT\10040152\0000000002\DWG\FINAL\WORKPLAN\REVISED\04152\26.DWG LAYOUT: D-58 SAVED: 10/22/2008 2:39 PM ACADVER: 17.05 (LMS TECH) PAGES: 17 PLOT: PLT\FULL.CTB PLOTTED: 10/22/2008 2:39 PM BY: STINSON, KATE

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.



LEGEND:

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|---|---|---|--|
| <ul style="list-style-type: none"> —○— CHAIN LINK FENCE ○ DECIDUOUS TREE ✱ CONIFEROUS TREE —G— GAS SERVICE —W— WATER SERVICE —D— STORM SEWER ○ SANITARY MANHOLE • CATCH BASIN | <ul style="list-style-type: none"> —○— CHAIN LINK FENCE ○ DECIDUOUS TREE ✱ CONIFEROUS TREE —G— GAS SERVICE —W— WATER SERVICE —D— STORM SEWER ○ SANITARY MANHOLE • CATCH BASIN | <ul style="list-style-type: none"> ○ UTILITY POLE — SIGN ■ ELECTRIC METER ■ RECREATIONAL AVERAGING AREA SUBJECT TO PRE-DESIGN INVESTIGATIONS • HISTORICAL (PRE-2003) PCB SOIL SAMPLE LOCATION ■ PRE-DESIGN (2003-2006) PCB SOIL SAMPLE LOCATION | <ul style="list-style-type: none"> ■ APRIL 2008 EPA SOIL SAMPLE LOCATION ▲ ADDITIONAL SAMPLE LOCATION COLLECTED DURING THE PERFORMANCE OF PILOT STUDY □ HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH. 79 POLYGON ID □ AREA PROPOSED FOR SOIL REMOVAL |
|---|---|---|--|

**GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
 REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**UTILITY CORRIDOR
 THEISSEN POLYGON MAP
 1- TO 2-FOOT DEPTH INCREMENT**



**General Electric Company
Pittsfield, Massachusetts**

**Revised Conceptual Removal Design/
Removal Action Work Plan for
Soils Adjacent to Silver Lake**

Volume III of III

October 2008

Volume III of III

Appendix E Non-PCB Appendix IX+3 Evaluation Tables and Figures

Appendix E – Tables

Table E-1 – Summary of Appendix IX+3 Soil Sample Data – Parcel I9-9-1 (Bank)

Table E-2 – Comparison of Detected Appendix IX+3 Constituents to Residential Screening PRGs – Parcel I9-9-1 (Bank)

Table E-3 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-1 (Bank) – 0- to 1-Foot Depth Increment

Table E-4 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-1 (Bank) – 1- to X-Foot Depth Increment

Table E-5 – Post-Remediation Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-1 (Bank) – 0- to 1-Foot Depth Increment

Table E-6 – Post-Remediation Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-1 (Bank) – 1- to X-Foot Depth Increment

Table E-7 – Summary of Appendix IX+3 Soil Sample Data – Parcel I9-9-9 (Bank)

Table E-8 – Comparison of Detected Appendix IX+3 Constituents to Residential Screening PRGs – Parcel I9-9-9 (Bank)

Table E-9 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-9 (Bank) – 0- to 1-Foot Depth Increment

Table E-10 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-9 (Bank) – 1- to X-Foot Depth Increment

Table E-11 – Post-Remediation Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-9 (Bank) – 1- to X-Foot Depth Increment

Table E-12 – Summary of Appendix IX+3 Soil Sample Data – Parcel I9-9-9 (Non-Bank)

Table E-13 – Comparison of Detected Appendix IX+3 Constituents to Residential Screening PRGs – Parcel I9-9-9 (Non-Bank)

Table E-14 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-9 (Non-Bank) – 0- to 1-Foot Depth Increment

Table E-15 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-9 (Non-Bank) – 1- to X-Foot Depth Increment

Table E-15A – Post-Remediation Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-9 (Non-Bank) – 1- to X-Foot Depth Increment

Table E-16 – Summary of Appendix IX+3 Soil Sample Data – Parcel I9-9-17 (Bank)

Table E-17 – Comparison of Detected Appendix IX+3 Constituents to Residential Screening PRGs – Parcel I9-9-17 (Bank)

Table E-18 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-17 (Bank) – 0- to 1-Foot Depth Increment

Table E-19 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-17 (Bank) – 0- to 3-Foot Depth Increment

Table E-20 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-17 (Bank) – 1- to 3-Foot Depth Increment

Table E-21 – Summary of Appendix IX+3 Soil Sample Data – Parcel I9-9-18 (Bank)

Table E-22 – Comparison of Detected Appendix IX+3 Constituents to Residential Screening PRGs – Parcel I9-9-18 (Bank)

Table E-23 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-18 (Bank) – 0- to 1-Foot Depth Increment

Table E-24 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-18 (Bank) – 1- to X-Foot Depth Increment

Table E-25 – Post-Remediation Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-18 (Bank) – 0- to 1-Foot Depth Increment

Table E-26 – Post-Remediation Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-18 (Bank) – 1- to X-Foot Depth Increment

Table E-27 – Summary of Appendix IX+3 Soil Sample Data – Parcel I9-9-19 (Bank)

Table E-28 – Comparison of Detected Appendix IX+3 Constituents to Residential Screening PRGs – Parcel I9-9-19 (Bank)

Table E-29 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-19 (Bank) – 0- to 1-Foot Depth Increment

Table E-30 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-19 (Bank) – 1- to X-Foot Depth Increment

Table E-31 – Post-Remediation Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-19 (Bank) – 0- to 1-Foot Depth Increment

Table E-32 – Post-Remediation Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-19 (Bank) – 1- to X-Foot Depth Increment

Table E-33 – Summary of Appendix IX+3 Soil Sample Data – Parcels I9-9-21 & I9-9-22 (Bank)

Table E-34 – Comparison of Detected Appendix IX+3 Constituents to Residential Screening PRGs – Parcels I9-9-21 & I9-9-22 (Bank)

Table E-35 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcels I9-9-21 & I9-9-22 (Bank) – 0- to 1-Foot Depth Increment

Table E-36 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcels I9-9-21 & I9-9-22 (Bank) – 0- to 3-Foot Depth Increment

Table E-37 – Summary of Appendix IX+3 Soil Sample Data – Parcels I9-9-21 & I9-9-22 (Non-Bank)

Table E-38 – Comparison of Detected Appendix IX+3 Constituents to Industrial Screening PRGs – Parcels I9-9-21 & I9-9-22 (Non-Bank)

Table E-39 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcels I9-9-21 & I9-9-22 (Non-Bank) – 0- to 1-Foot Depth Increment

Table E-40 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcels I9-9-21 & I9-9-22 (Non-Bank) – 0- to 3-Foot Depth Increment

Table E-41 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcels I9-9-21 & I9-9-22 (Non-Bank) – 1- to 6-Foot Depth Increment

Table E-42 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcels I9-9-21 & I9-9-22 (Non-Bank) – 0- to 15-Foot Depth Increment

Table E-43 – Summary of Appendix IX+3 Soil Sample Data – Parcel I9-9-23 (Bank)

Table E-44 – Comparison of Detected Appendix IX+3 Constituents to Residential Screening PRGs – Parcel I9-9-23 (Bank)

Table E-45 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-23 (Bank) – 0- to 1-Foot Depth Increment

Table E-46 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-23 (Bank) – 1- to X-Foot Depth Increment

Table E-47 – Summary of Appendix IX+3 Soil Sample Data – Parcel I9-9-24 (Bank and Non-Bank)

Table E-48 – Comparison of Detected Appendix IX+3 Constituents to Residential Screening PRGs – Parcel I9-9-24 (Bank and Non-Bank)

Table E-49 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-24 (Bank and Non-Bank) – 0- to 1-Foot Depth Increment

Table E-50 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-24 (Bank and Non-Bank) – 1- to X-Foot Depth Increment

Table E-51 – Post-Remediation Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-24 (Bank and Non-Bank) – 1- to X-Foot Depth Increment

Table E-52 – Summary of Appendix IX+3 Soil Sample Data – Parcel I9-9-25 (Bank)

Table E-53 – Comparison of Detected Appendix IX+3 Constituents to Residential Screening PRGs – Parcel I9-9-25 (Bank)

Table E-54 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-25 (Bank) – 0- to 1-Foot Depth Increment

Table E-55 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-25 (Bank) – 0- to 3-Foot Depth Increment

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Table E-57 – Summary of Appendix IX+3 Soil Sample Data – Parcel I9-9-25 (Non-Bank)

Table E-58 – Comparison of Detected Appendix IX+3 Constituents to Industrial Screening PRGs – Parcel I9-9-25 (Non-Bank)

Table E-59 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-25 (Non-Bank) – 0- to 1-Foot Depth Increment

Table E-60 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-25 (Non-Bank) – 0- to 3-Foot Depth Increment

Table E-61 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-25 (Non-Bank) – 1- to 6-Foot Depth Increment

Table E-62 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-25 (Non-Bank) – 0- to 6-Foot Depth Increment

Table E-63 – Summary of Appendix IX+3 Soil Sample Data – Parcel I9-9-30 (Bank)

Table E-64 – Comparison of Detected Appendix IX+3 Constituents to Residential Screening PRGs – Parcel I9-9-30 (Bank)

Table E-65 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-30 (Bank) – 0- to 1-Foot Depth Increment

Table E-66 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-30 (Bank) – 1- to X-Foot Depth Increment

Table E-67 – Summary of Appendix IX+3 Soil Sample Data – Parcel I9-9-30 (Non-Bank)

Table E-68 – Comparison of Detected Appendix IX+3 Constituents to Residential Screening PRGs – Parcel I9-9-30 (Non-Bank)

Table E-69 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-30 (Non-Bank) – 0- to 1-Foot Depth Increment

Table E-70 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-30 (Non-Bank) – 1- to X-Foot Depth Increment

Table E-71 – Summary of Appendix IX+3 Soil Sample Data – Parcel I9-9-31 (Bank)

Table E-72 – Comparison of Detected Appendix IX+3 Constituents to Residential Screening PRGs – Parcel I9-9-31 (Bank)

Table E-73 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-31 (Bank) – 0- to 1-Foot Depth Increment

Table E-74 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-31 (Bank) – 1- to X-Foot Depth Increment

Table E-75 – Summary of Appendix IX+3 Soil Sample Data – Parcel I9-9-32 (Bank)

Table E-76 – Comparison of Detected Appendix IX+3 Constituents to Residential Screening PRGs – Parcel I9-9-32 (Bank)

Table E-77 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-32 (Bank) – 0- to 1-Foot Depth Increment

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Table E-79 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-32 (Bank) – 1- to 3-Foot Depth Increment

Table E-80 – THIS TABLE HAS INTENTIONALLY BEEN LEFT BLANK

Table E-81 – Post-Remediation Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-32 (Bank) – 1- to 3-Foot Depth Increment

Table E-82 – Summary of Appendix IX+3 Soil Sample Data – Parcel I9-9-33 (Bank)

Table E-83 – Comparison of Detected Appendix IX+3 Constituents to Residential Screening PRGs – Parcel I9-9-33 (Bank)

Table E-84 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-33 (Bank) – 0- to 1-Foot Depth Increment

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Table E-86 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-33 (Bank) – 1- to 3-Foot Depth Increment

Table E-87 – Summary of Appendix IX+3 Soil Sample Data – Parcel I9-9-34 (Bank)

Table E-88 – Comparison of Detected Appendix IX+3 Constituents to Residential Screening PRGs – Parcel I9-9-34 (Bank)

Table E-89 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-34 (Bank) – 0- to 1-Foot Depth Increment

Table E-90 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-34 (Bank) – 0- to 3-Foot Depth Increment

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Table E-92 – Summary of Appendix IX+3 Soil Sample Data – Parcels I9-9-201 (Bank)

Table E-93 – Comparison of Detected Appendix IX+3 Constituents to Residential Screening PRGs – Parcels I9-9-201 (Bank)

Table E-94 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcels I9-9-201 (Bank) – 0- to 1-Foot Depth Increment

Table E-95 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcels I9-9-201 (Bank) – 0- to 3-Foot Depth Increment

Table E-95A – THIS TABLE HAS INTENTIONALLY BEEN LEFT BLANK

Table E-96 – Post-Remediation Conditions – Comparison to Method 1 Soil Standards – Parcels I9-9-201 (Bank) – 0- to 3-Foot Depth Increment

Table E-96A – THIS TABLE HAS INTENTIONALLY BEEN LEFT BLANK

Table E-97 – Summary of Appendix IX+3 Soil Sample Data – Parcels I9-9-201 (Non-Bank)

Table E-98 – Comparison of Detected Appendix IX+3 Constituents to Industrial Screening PRGs – Parcels I9-9-201 (Non-Bank)

Table E-99 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcels I9-9-201 (Non-Bank) – 0- to 1-Foot Depth Increment

Table E-100 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcels I9-9-201 (Non-Bank) – 0- to 3-Foot Depth Increment

Table E-101 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcels I9-9-201 (Non-Bank) – 1- to 6-Foot Depth Increment

Table E-102 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcels I9-9-201 (Non-Bank) – 0- to 15-Foot Depth Increment

Table E-103 – Post-Remediation Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-201 (Non-Bank) – 1- to 6-Foot Depth Increment

Table E-104 – Post-Remediation Conditions – Comparison to Method 1 Soil Standards – Parcel I9-9-201 (Non-Bank) – 0- to 15-Foot Depth Increment

Table E-105 – Summary of Appendix IX+3 Soil Sample Data – Parcel I9-10-8 (Bank)

Table E-106 – Comparison of Detected Appendix IX+3 Constituents to Residential Screening PRGs – Parcel I9-10-8 (Bank)

Table E-107 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-10-8 (Bank) – 0- to 1-Foot Depth Increment

Table E-108 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-10-8 (Bank) – 1- to X-Foot Depth Increment

Table E-109 – Post-Remediation Conditions – Comparison to Method 1 Soil Standards – Parcel I9-10-8 (Bank) – 0- to 1-Foot Depth Increment

Table E-110 – Post-Remediation Conditions – Comparison to Method 1 Soil Standards – Parcel I9-10-8 (Bank) – 1- to X-Foot Depth Increment

Table E-111 – Summary of Appendix IX+3 Soil Sample Data – Parcel I9-10-8 (Non-Bank)

Table E-112 – Comparison of Detected Appendix IX+3 Constituents to Residential Screening PRGs – Parcel I9-10-8 (Non-Bank)

Table E-113 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-10-8 (Non-Bank) – 0- to 1-Foot Depth Increment

Table E-114 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-10-8 (Non-Bank) – 1- to X-Foot Depth Increment

Table E-115 – Post-Remediation Conditions – Comparison to Method 1 Soil Standards – Parcel I9-10-8 (Non-Bank) – 0- to 1-Foot Depth Increment

Table E-116 – Post-Remediation Conditions – Comparison to Method 1 Soil Standards – Parcel I9-10-8 (Non-Bank) – 1- to X-Foot Depth Increment

Table E-117 – Summary of Appendix IX+3 Soil Sample Data – Parcel I9-10-11 (Non-Bank)

Table E-118 – Comparison of Detected Appendix IX+3 Constituents to Residential Screening PRGs – Parcel I9-10-11 (Non-Bank)

Table E-119 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-10-11 (Non-Bank) – 0- to 1-Foot Depth Increment

Table E-120 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-10-11 (Non-Bank) – 1- to X-Foot Depth Increment

- Table E-121 – Post-Remediation Conditions – Comparison to Method 1 Soil Standards – Parcel I9-10-11 (Non-Bank) – 0- to 1-Foot Depth Increment
- Table E-122 – Post-Remediation Conditions – Comparison to Method 1 Soil Standards – Parcel I9-10-11 (Non-Bank) – 1- to X-Foot Depth Increment
- Table E-123 – Summary of Appendix IX+3 Soil Sample Data – Parcel I9-10-9 & Recreational Area 1 (RA-1)
- Table E-124 – Comparison of Detected Appendix IX+3 Constituents to Residential Screening PRGs – Parcel I9-10-9 & Recreational Area 1 (RA-1)
- Table E-125 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-10-9 & Recreational Area 1 (RA-1) – 0- to 1-Foot Depth Increment
- Table E-125A – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-10-9 & Recreational Area 1 (RA-1) – 0- to 3-Foot Depth Increment
- Table E-126 – Existing Conditions – Comparison to Method 1 Soil Standards – Parcel I9-10-9 & Recreational Area 1 (RA-1) – 1- to 3-Foot Depth Increment
- Table E-126A – Post-Remediation Conditions – Comparison to Method 1 Soil Standards – Parcel I9-10-9 & Recreational Area 1 (RA-1) – 0- to 1-Foot Depth Increment
- Table E-126B – Post-Remediation Conditions – Comparison to Method 1 Soil Standards – Parcel I9-10-9 & Recreational Area 1 (RA-1) – 0- to 3-Foot Depth Increment
- Table E-126C – Post-Remediation Conditions – Comparison to Method 1 Soil Standards – Parcel I9-10-9 & Recreational Area 1 (RA-1) – 1- to 3-Foot Depth Increment
- Table E-127 – Summary of Appendix IX+3 Soil Sample Data – Recreational Area 2 (RA-2)
- Table E-128 – Comparison of Detected Appendix IX+3 Constituents to Residential Screening PRGs – Recreational Area 2 (RA-2)
- Table E-129 – Existing Conditions – Comparison to Method 1 Soil Standards – Recreational Area 2 (RA-2) – 0- to 1-Foot Depth Increment
- Table E-129A – Existing Conditions – Comparison to Method 1 Soil Standards – Recreational Area 2 (RA-2) – 0- to 3-Foot Depth Increment
- Table E-130 – Existing Conditions – Comparison to Method 1 Soil Standards – Recreational Area 2 (RA-2) – 1- to 3-Foot Depth Increment
- Table E-131 – Summary of Appendix IX+3 Soil Sample Data – Recreational Area 3 (RA-3)
- Table E-132 – Comparison of Detected Appendix IX+3 Constituents to Residential Screening PRGs – Recreational Area 3 (RA-3)

- Table E-133 – Existing Conditions – Comparison to Method 1 Soil Standards –
Recreational Area 3 (RA-3) – 0- to 1-Foot Depth Increment
- Table E-133A – Existing Conditions – Comparison to Method 1 Soil Standards –
Recreational Area 3 (RA-3) – 0- to 3-Foot Depth Increment
- Table E-134 – Existing Conditions – Comparison to Method 1 Soil Standards –
Recreational Area 3 (RA-3) – 1- to 3-Foot Depth Increment
- Table E-135 – Post-Remediation Conditions – Comparison to Method 1 Soil Standards –
Recreational Area 3 (RA-3) – 0- to 1-Foot Depth Increment
- Table E-135A – Post-Remediation Conditions – Comparison to Method 1 Soil Standards –
Recreational Area 3 (RA-3) – 0- to 3-Foot Depth Increment
- Table E-136 – Post-Remediation Conditions – Comparison to Method 1 Soil Standards –
Recreational Area 3 (RA-3) – 1- to 3-Foot Depth Increment
- Table E-137 – Summary of Appendix IX+3 Soil Sample Data – Recreational Area 4 (RA-4)
- Table E-138 – Comparison of Detected Appendix IX+3 Constituents to Residential Screening
PRGs –Recreational Area 4 (RA-4)
- Table E-139 – Existing Conditions – Comparison to Method 1 Soil Standards –
Recreational Area 4 (RA-4) – 0- to 1-Foot Depth Increment
- Table E-139A – Existing Conditions – Comparison to Method 1 Soil Standards –
Recreational Area 4 (RA-4) – 0- to 3-Foot Depth Increment
- Table E-140 – Existing Conditions – Comparison to Method 1 Soil Standards –
Recreational Area 4 (RA-4) – 1- to 3-Foot Depth Increment
- Table E-141 – Post-Remediation Conditions – Comparison to Method 1 Soil Standards –
Recreational Area 4 (RA-4) – 0- to 1-Foot Depth Increment
- Table E-141A – Post-Remediation Conditions – Comparison to Method 1 Soil Standards –
Recreational Area 4 (RA-4) – 0- to 3-Foot Depth Increment
- Table E-142 – Post-Remediation Conditions – Comparison to Method 1 Soil Standards –
Recreational Area 4 (RA-4) – 1- to 3-Foot Depth Increment
- Table E-143 – Summary of Appendix IX+3 Soil Sample Data – Recreational Area 5 (RA-5)
- Table E-144 – Comparison of Detected Appendix IX+3 Constituents to Residential Screening
PRGs –Recreational Area 5 (RA-5)
- Table E-145 – Existing Conditions – Comparison to Method 1 Soil Standards –
Recreational Area 5 (RA-5) – 0- to 1-Foot Depth Increment

- Table E-145A – Existing Conditions – Comparison to Method 1 Soil Standards –
Recreational Area 5 (RA-5) – 0- to 3-Foot Depth Increment
- Table E-146 – Existing Conditions – Comparison to Method 1 Soil Standards –
Recreational Area 5 (RA-5) – 1- to 3-Foot Depth Increment
- Table E-147 – Post-Remediation Conditions – Comparison to Method 1 Soil Standards –
Recreational Area 5 (RA-5) – 0- to 1-Foot Depth Increment
- Table E-147A – Post-Remediation Conditions – Comparison to Method 1 Soil Standards –
Recreational Area 5 (RA-5) – 0- to 3-Foot Depth Increment
- Table E-148 – Post-Remediation Conditions – Comparison to Method 1 Soil Standards –
Recreational Area 5 (RA-5) – 1- to 3-Foot Depth Increment

ARCADIS

Appendix E – Non-PCB Appendix
IX+3 Evaluation Tables

ARCADIS

Parcel I9-9-1 (bank)

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-8 Bottom Bank SLB-8-BB 0-0.5 02/23/95	PDI I9-9-1-SB-1 I9-9-1-SB-1 0-1 06/18/03	PDI I9-9-1-SB-1 I9-9-1-SB-1 3-5 06/18/03	PDI I9-9-1-SB-3 I9-9-1-SB-3 0-1 06/17/03
Volatile Organics					
1,1,1,2-Tetrachloroethane	2.8	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
1,1,1-Trichloroethane	680	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
1,1,2,2-Tetrachloroethane	0.36	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
1,1,2-Trichloroethane	0.82	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
1,1-Dichloroethane	570	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
1,1-Dichloroethene	0.052	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
1,2,3-Trichloropropane	0.0014	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
1,2-Dibromo-3-chloropropane	0.32	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
1,2-Dibromoethane	0.0049	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
1,2-Dichloroethane	0.34	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
1,2-Dichloropropane	0.34	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
1,4-Dioxane	40	NA	ND(0.11) J	ND(0.12) J	ND(0.11) J
2-Butanone	6,900	NA	ND(0.011)	ND(0.012)	ND(0.011)
2-Chloro-1,3-butadiene	3.6	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
2-Chloroethylvinylether	0.18	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
2-Hexanone	750	NA	ND(0.011)	ND(0.012)	ND(0.011)
3-Chloropropene	2,700	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
4-Methyl-2-pentanone	750	NA	ND(0.011)	ND(0.012)	ND(0.011)
Acetone	1,400	NA	ND(0.022)	ND(0.024)	ND(0.021)
Acetonitrile	200	NA	ND(0.11) J	ND(0.12) J	ND(0.11) J
Acrolein	0.1	NA	ND(0.11) J	ND(0.12) J	ND(0.11) J
Acrylonitrile	0.19	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Benzene	0.62	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Bromodichloromethane	0.98	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Bromoform	56	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Bromomethane	3.8	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Carbon Disulfide	350	NA	ND(0.0054) J	ND(0.0060) J	ND(0.0053) J
Carbon Tetrachloride	0.23	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Chlorobenzene	54	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Chloroethane	1,600	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Chloroform	0.24	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Chloromethane	1.2	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
cis-1,3-Dichloropropene	Not Listed	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Dibromochloromethane	5.3	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Dibromomethane	550	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Dichlorodifluoromethane	94	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Ethyl Methacrylate	140	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Ethylbenzene	230	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Iodomethane	1.2	NA	ND(0.0054) J	ND(0.0060) J	ND(0.0053) J
Isobutanol	10,000	NA	ND(0.11) J	ND(0.12) J	ND(0.11) J
Methacrylonitrile	1.8	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Methyl Methacrylate	2,200	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Methylene Chloride	8.5	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Propionitrile	200	NA	ND(0.011)	ND(0.012)	ND(0.011)
Styrene	1,700	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Tetrachloroethene	4.7	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Toluene	520	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
trans-1,2-Dichloroethene	62	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
trans-1,3-Dichloropropene	Not Listed	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
trans-1,4-Dichloro-2-butene	Not Listed	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Trichloroethene	2.7	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Trichlorofluoromethane	380	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Vinyl Acetate	420	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Vinyl Chloride	0.021	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Xylenes (total)	210	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-8 Bottom Bank SLB-8-BB 0-0.5 02/23/95	PDI I9-9-1-SB-1 I9-9-1-SB-1 0-1 06/18/03	PDI I9-9-1-SB-1 I9-9-1-SB-1 3-5 06/18/03	PDI I9-9-1-SB-3 I9-9-1-SB-3 0-1 06/17/03
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
1,2,4-Trichlorobenzene		480	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
1,2-Dichlorobenzene		370	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
1,2-Diphenylhydrazine		0.56	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
1,3,5-Trinitrobenzene		1,600	ND(0.80)	ND(0.36) J	ND(0.40) J	ND(0.36) J
1,3-Dichlorobenzene		41	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
1,3-Dinitrobenzene		5.5	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
1,4-Dichlorobenzene		3	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
1,4-Naphthoquinone		55	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
1-Naphthylamine		Not Listed	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
2,3,4,6-Tetrachlorophenol		1,600	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
2,4,5-Trichlorophenol		5,500	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.36)
2,4,6-Trichlorophenol		40	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
2,4-Dichlorophenol		160	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
2,4-Dimethylphenol		1,100	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
2,4-Dinitrophenol		110	ND(2.0)	ND(1.8) J	ND(2.0) J	ND(1.8) J
2,4-Dinitrotoluene		110	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
2,6-Dichlorophenol		160	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
2,6-Dinitrotoluene		55	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
2-Acetylaminofluorene		0.56	ND(1.6)	ND(0.73)	ND(0.80)	ND(0.72)
2-Chloronaphthalene		3,700	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
2-Chlorophenol		59	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
2-Methylnaphthalene		55	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
2-Methylphenol		2,700	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
2-Naphthylamine		Not Listed	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
2-Nitroaniline		3.3	ND(2.0)	ND(1.8)	ND(2.0)	ND(1.8)
2-Nitrophenol		Not Listed	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
2-Picoline		55	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
3&4-Methylphenol		270	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
3,3'-Dichlorobenzidine		0.99	ND(1.6)	ND(0.73)	ND(0.80)	ND(0.72)
3,3'-Dimethylbenzidine		0.048	ND(1.6)	ND(0.36)	ND(0.40)	ND(0.36)
3-Methylcholanthrene		0.056	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
3-Nitroaniline		5.5	ND(2.0)	ND(1.8)	ND(2.0)	ND(1.8)
4,6-Dinitro-2-methylphenol		55	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.36)
4-Aminobiphenyl		1,400	ND(1.6)	ND(0.73)	ND(0.80)	ND(0.72)
4-Bromophenyl-phenylether		160	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
4-Chloro-3-Methylphenol		2,700	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
4-Chloroaniline		220	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
4-Chlorobenzilate		1.6	ND(1.6)	ND(0.73)	ND(0.80)	ND(0.72)
4-Chlorophenyl-phenylether		Not Listed	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
4-Nitroaniline		5.5	ND(2.0)	ND(1.8)	ND(2.0)	ND(1.8)
4-Nitrophenol		3,400	ND(2.0)	ND(1.8) J	ND(2.0) J	ND(1.8) J
4-Nitroquinoline-1-oxide		110	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
4-Phenylenediamine		10,000	ND(1.6)	ND(0.73)	ND(0.80)	ND(0.72)
5-Nitro-o-toluidine		13	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
a,a'-Dimethylphenethylamine		55	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
Acenaphthene		2,600	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Acenaphthylene		55	0.26 J	ND(0.36)	ND(0.40)	ND(0.36)
Acetophenone		0.49	0.14 JB	ND(0.36)	ND(0.40)	ND(0.36)
Aniline		78	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Anthracene		14,000	0.27 J	ND(0.36)	0.089 J	ND(0.36)
Aramite		18	ND(1.6)	ND(0.73)	ND(0.80)	ND(0.72)
Benzidine		0.0019	ND(0.80)	ND(0.73) J	ND(0.80) J	ND(0.72) J
Benzo(a)anthracene		0.56	0.71 J	ND(0.36)	0.41	ND(0.36)
Benzo(a)pyrene		0.056	0.93	ND(0.36)	0.42	ND(0.36)
Benzo(b)fluoranthene		0.56	0.91	ND(0.36)	0.43	ND(0.36)
Benzo(g,h,i)perylene		55	0.30 J	ND(0.36)	0.31 J	ND(0.36)
Benzo(k)fluoranthene		5.6	1.1	ND(0.36)	0.32 J	ND(0.36)
Benzyl Alcohol		16,000	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-8 Bottom Bank SLB-8-BB 0-0.5 02/23/95	PDI I9-9-1-SB-1 I9-9-1-SB-1 0-1 06/18/03	PDI I9-9-1-SB-1 I9-9-1-SB-1 3-5 06/18/03	PDI I9-9-1-SB-3 I9-9-1-SB-3 0-1 06/17/03
Semivolatile Organics (continued)						
bis(2-Chloroethoxy)methane		Not Listed	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
bis(2-Chloroethyl)ether		0.18	ND(0.80)	ND(0.36) J	ND(0.40) J	ND(0.36) J
bis(2-Chloroisopropyl)ether		2.5	ND(0.80)	ND(0.36) J	ND(0.40) J	ND(0.36) J
bis(2-Ethylhexyl)phthalate		32	0.15 J	ND(0.36)	ND(0.39)	ND(0.35)
Butylbenzylphthalate		930	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Chrysene		56	0.85	ND(0.36)	0.46	ND(0.36)
Diallate		7.3	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
Dibenzo(a,h)anthracene		0.056	0.27 J	ND(0.36)	ND(0.40)	ND(0.36)
Dibenzofuran		210	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Diethylphthalate		44,000	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Dimethylphthalate		100,000	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Di-n-Butylphthalate		5,500	0.31 J	ND(0.36)	ND(0.40)	ND(0.36)
Di-n-Octylphthalate		1,100	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Dinoseb		55	ND(0.80)	NA	NA	NA
Diphenylamine		1,400	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Ethyl Methanesulfonate		Not Listed	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Fluoranthene		2,000	1.1	0.085 J	0.75	0.10 J
Fluorene		1,800	0.13 J	ND(0.36)	ND(0.40)	ND(0.36)
Hexachlorobenzene		0.28	ND(0.80)	ND(0.36) J	ND(0.40) J	ND(0.36) J
Hexachlorobutadiene		5.7	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Hexachlorocyclopentadiene		380	ND(0.80)	ND(0.36) J	ND(0.40) J	ND(0.36) J
Hexachloroethane		32	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Hexachlorophene		16	ND(3.9)	ND(0.73) J	ND(0.80) J	ND(0.72) J
Hexachloropropene		Not Listed	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Indeno(1,2,3-cd)pyrene		0.56	0.46 J	ND(0.36)	0.27 J	ND(0.36)
Isodrin		Not Listed	NA	ND(0.36)	ND(0.40)	ND(0.36) J
Isophorone		470	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Isosafrole		Not Listed	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
Methapyrilene		55	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
Methyl Methanesulfonate		Not Listed	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Naphthalene		55	0.094 J	ND(0.36)	ND(0.40)	ND(0.36)
Nitrobenzene		16	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
N-Nitrosodiethylamine		0.003	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
N-Nitrosodimethylamine		0.0087	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
N-Nitroso-di-n-butylamine		0.022	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
N-Nitroso-di-n-propylamine		0.063	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
N-Nitrosodiphenylamine		91	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
N-Nitrosomethylethylamine		0.02	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
N-Nitrosomorpholine		0.21	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
N-Nitrosopiperidine		0.21	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
N-Nitrosopyrrolidine		0.21	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
o,o,o-Triethylphosphorothioate		11	NA	ND(0.36)	ND(0.40)	ND(0.36)
o-Toluidine		1.9	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
p-Dimethylaminoazobenzene		0.99	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
Pentachlorobenzene		44	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Pentachloroethane		2.8	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Pentachloronitrobenzene		1.7	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
Pentachlorophenol		2.5	ND(2.0)	ND(1.8)	ND(2.0)	ND(1.8)
Phenacetin		640	ND(1.6)	ND(0.73)	ND(0.80)	ND(0.72)
Phenanthrene		55	0.88	ND(0.36)	0.32 J	ND(0.36)
Phenol		33,000	0.25 J	ND(0.36)	ND(0.40)	ND(0.36)
Pronamide		4,100	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Pyrene		1,500	1.4	0.098 J	0.74	0.094 J
Pyridine		55	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Safrole		Not Listed	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Thionazin		330	NA	ND(0.36)	ND(0.40)	ND(0.36)

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-8 Bottom Bank SLB-8-BB 0-0.5 02/23/95	PDI I9-9-1-SB-1 I9-9-1-SB-1 0-1 06/18/03	PDI I9-9-1-SB-1 I9-9-1-SB-1 3-5 06/18/03	PDI I9-9-1-SB-3 I9-9-1-SB-3 0-1 06/17/03
Furans					
2,3,7,8-TCDF	Not Applicable	0.000037	ND(0.0000054) Y	0.0000090 YI	0.0000014 YI
TCDFs (total)	Not Applicable	0.00031 g	0.0000023	0.000041	0.0000035
1,2,3,7,8-PeCDF	Not Applicable	0.000011	0.0000013	0.0000033	ND(0.00000099) X
2,3,4,7,8-PeCDF	Not Applicable	0.000013	0.0000012	0.0000032	0.00000092
PeCDFs (total)	Not Applicable	0.00026	0.000015	0.000028	0.0000083
1,2,3,4,7,8-HxCDF	Not Applicable	0.000012	0.0000061 I	0.000016 I	0.00000071
1,2,3,6,7,8-HxCDF	Not Applicable	ND(0.000020) V	ND(0.00000034)	0.0000030	0.00000059
1,2,3,7,8,9-HxCDF	Not Applicable	ND(0.00000047)	ND(0.00000044)	ND(0.00000052)	ND(0.00000019)
2,3,4,6,7,8-HxCDF	Not Applicable	0.000092	ND(0.00000061) X	0.0000022	0.00000068
HxCDFs (total)	Not Applicable	0.00020	0.000015	0.000044	0.000012
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.000048	0.0000047	0.000015	0.0000048
1,2,3,4,7,8,9-HpCDF	Not Applicable	0.000060 J	ND(0.00000043)	0.0000012	ND(0.00000015)
HpCDFs (total)	Not Applicable	0.00011	0.000010	0.000016	0.0000048
OCDF	Not Applicable	0.000076	0.0000085	0.000019	0.0000092
Dioxins					
2,3,7,8-TCDD	Not Applicable	ND(0.00000042)	ND(0.00000051)	ND(0.00000059)	ND(0.00000014)
TCDDs (total)	Not Applicable	0.0000095	ND(0.00000051)	ND(0.00000059)	ND(0.00000014)
1,2,3,7,8-PeCDD	Not Applicable	ND(0.0000016)	ND(0.0000012)	ND(0.0000012)	ND(0.00000036)
PeCDDs (total)	Not Applicable	ND(0.0000059)	ND(0.0000012)	ND(0.0000012)	ND(0.00000036)
1,2,3,4,7,8-HxCDD	Not Applicable	ND(0.0000023)	ND(0.00000086)	ND(0.00000082)	ND(0.00000030)
1,2,3,6,7,8-HxCDD	Not Applicable	0.000057 J	ND(0.00000078)	ND(0.0000017) X	ND(0.00000028)
1,2,3,7,8,9-HxCDD	Not Applicable	0.000063 J	ND(0.00000078)	ND(0.0000020) X	ND(0.00000028)
HxCDDs (total)	Not Applicable	0.000041	ND(0.00000078)	ND(0.00000075)	0.0000038
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.000097	0.0000093	ND(0.000010) X	0.000020
HpCDDs (total)	Not Applicable	0.00016	0.000021	0.000085	0.000064
OCDD	Not Applicable	0.00076	0.000068	0.000068	0.00016
Total TEQs (WHO TEFs)	Not Applicable	0.000018	0.0000027	0.0000062	0.0000014
Inorganics					
Antimony	30	3.80 B	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	0.38	9.00	7.80	6.80	6.90
Barium	5,200	243	30.0	160	21.0
Beryllium	150	0.350 B	0.0780 B	0.0600 B	0.130 B
Cadmium	37	3.70	ND(0.500)	0.410 B	ND(0.500)
Chromium	210	18.5	8.80	8.00	5.00
Cobalt	3,300	8.20 B	9.50	4.10 B	6.30
Copper	2,800	130	31.0	160	27.0
Lead	400	500	57.0	180	44.0
Mercury	22	1.10	0.0750 B	0.480	0.0780 B
Nickel	1,500	26.1	18.0	9.60	9.80
Selenium	370	3.70	ND(1.00)	1.00	1.30 J
Silver	370	0.890 B	ND(1.00)	ND(1.00)	ND(1.00)
Thallium	6	ND(1.00)	7.90 J	17.0 J	ND(1.10)
Tin	45,000	17.6 B	ND(10.0)	ND(17.0)	4.70 J
Vanadium	520	32.5	8.70	11.0	4.40 B
Zinc	22,000	569	69.0	240	48.0
Cyanide	11	ND(6.10)	0.110	0.520	0.0810 B
Sulfide	350	805	ND(5.40)	7.60	ND(5.30)

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type:	Location ID:	PDI	PDI	PDI	PDI	PDI	PDI
Sample ID:	EPA Region 9	I9-9-1-SB-3	I9-9-1-SB-5	I9-9-1-SB-5	I9-9-1-SB-5	I9-9-1-SB-5	I9-9-1-SB-5
Sample Depth(Feet):	Residential	I9-9-1-SB-3	I9-9-1-SB-5	I9-9-1-SB-5	I9-9-1-SB-5	I9-9-1-SB-5	I9-9-1-SB-5
Date Collected:	PRGs	1-3	0-1	1-3	3-5	5-7	7-9
Parameter		06/17/03	06/17/03	06/17/03	10/24/05	06/06/06	06/06/06
Volatile Organics							
1,1,1,2-Tetrachloroethane	2.8	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
1,1,1-Trichloroethane	680	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
1,1,2,2-Tetrachloroethane	0.36	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
1,1,2-Trichloroethane	0.82	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
1,1-Dichloroethane	570	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
1,1-Dichloroethene	0.052	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
1,2,3-Trichloropropane	0.0014	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
1,2-Dibromo-3-chloropropane	0.32	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
1,2-Dibromoethane	0.0049	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
1,2-Dichloroethane	0.34	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
1,2-Dichloropropane	0.34	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
1,4-Dioxane	40	ND(0.11) J	ND(0.19) J	ND(0.17) J	NA	NA	NA
2-Butanone	6,900	ND(0.011)	ND(0.019)	ND(0.017)	NA	NA	NA
2-Chloro-1,3-butadiene	3.6	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
2-Chloroethylvinylether	0.18	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
2-Hexanone	750	ND(0.011)	ND(0.019)	ND(0.017)	NA	NA	NA
3-Chloropropane	2,700	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
4-Methyl-2-pentanone	750	ND(0.011)	ND(0.019)	ND(0.017)	NA	NA	NA
Acetone	1,400	ND(0.023)	ND(0.038)	ND(0.034)	NA	NA	NA
Acetonitrile	200	ND(0.11) J	ND(0.19) J	ND(0.17) J	NA	NA	NA
Acrolein	0.1	ND(0.11) J	ND(0.19) J	ND(0.17) J	NA	NA	NA
Acrylonitrile	0.19	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
Benzene	0.62	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
Bromodichloromethane	0.98	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
Bromoform	56	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
Bromomethane	3.8	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
Carbon Disulfide	350	ND(0.0056) J	ND(0.0094) J	ND(0.0086) J	NA	NA	NA
Carbon Tetrachloride	0.23	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
Chlorobenzene	54	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
Chloroethane	1,600	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
Chloroform	0.24	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
Chloromethane	1.2	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
cis-1,3-Dichloropropene	Not Listed	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
Dibromochloromethane	5.3	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
Dibromomethane	550	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
Dichlorodifluoromethane	94	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
Ethyl Methacrylate	140	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
Ethylbenzene	230	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
Iodomethane	1.2	ND(0.0056) J	ND(0.0094) J	ND(0.0086) J	NA	NA	NA
Isobutanol	10,000	ND(0.11) J	ND(0.19) J	ND(0.17) J	NA	NA	NA
Methacrylonitrile	1.8	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
Methyl Methacrylate	2,200	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
Methylene Chloride	8.5	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
Propionitrile	200	ND(0.011)	ND(0.019)	ND(0.017)	NA	NA	NA
Styrene	1,700	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
Tetrachloroethene	4.7	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
Toluene	520	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
trans-1,2-Dichloroethene	62	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
trans-1,3-Dichloropropene	Not Listed	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
trans-1,4-Dichloro-2-butene	Not Listed	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
Trichloroethene	2.7	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
Trichlorofluoromethane	380	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
Vinyl Acetate	420	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
Vinyl Chloride	0.021	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA
Xylenes (total)	210	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type:	Location ID:	PDI	PDI	PDI	PDI	PDI	PDI
Sample ID:	EPA Region 9	I9-9-1-SB-3	I9-9-1-SB-5	I9-9-1-SB-5	I9-9-1-SB-5	I9-9-1-SB-5	I9-9-1-SB-5
Sample Depth(Feet):	Residential	I9-9-1-SB-3	I9-9-1-SB-5	I9-9-1-SB-5	I9-9-1-SB-5	I9-9-1-SB-5	I9-9-1-SB-5
Date Collected:	PRGs	1-3	0-1	1-3	3-5	5-7	7-9
Parameter		06/17/03	06/17/03	06/17/03	10/24/05	06/06/06	06/06/06
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	16	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
1,2,4-Trichlorobenzene	480	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
1,2-Dichlorobenzene	370	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
1,2-Diphenylhydrazine	0.56	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
1,3,5-Trinitrobenzene	1,600	ND(0.38) J	ND(0.63) J	ND(0.57) J	NA	NA	NA
1,3-Dichlorobenzene	41	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
1,3-Dinitrobenzene	5.5	ND(0.76)	ND(1.3)	ND(1.1)	NA	NA	NA
1,4-Dichlorobenzene	3	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
1,4-Naphthoquinone	55	ND(0.76)	ND(1.3)	ND(1.1)	NA	NA	NA
1-Naphthylamine	Not Listed	ND(0.76)	ND(1.3)	ND(1.1)	NA	NA	NA
2,3,4,6-Tetrachlorophenol	1,600	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
2,4,5-Trichlorophenol	5,500	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
2,4,6-Trichlorophenol	40	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
2,4-Dichlorophenol	160	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
2,4-Dimethylphenol	1,100	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
2,4-Dinitrophenol	110	ND(1.9) J	ND(3.2) J	ND(2.9) J	NA	NA	NA
2,4-Dinitrotoluene	110	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
2,6-Dichlorophenol	160	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
2,6-Dinitrotoluene	55	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
2-Acetylaminofluorene	0.56	ND(0.76)	ND(1.3)	ND(1.1)	NA	NA	NA
2-Chloronaphthalene	3,700	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
2-Chlorophenol	59	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
2-Methylnaphthalene	55	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
2-Methylphenol	2,700	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
2-Naphthylamine	Not Listed	ND(0.76)	ND(1.3)	ND(1.1)	NA	NA	NA
2-Nitroaniline	3.3	ND(1.9)	ND(3.2)	ND(2.9)	NA	NA	NA
2-Nitrophenol	Not Listed	ND(0.76)	ND(1.3)	ND(1.1)	NA	NA	NA
2-Picoline	55	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
3&4-Methylphenol	270	ND(0.76)	ND(1.3)	ND(1.1)	NA	NA	NA
3,3'-Dichlorobenzidine	0.99	ND(0.76)	ND(1.3)	ND(1.1)	NA	NA	NA
3,3'-Dimethylbenzidine	0.048	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
3-Methylcholanthrene	0.056	ND(0.76)	ND(1.3)	ND(1.1)	NA	NA	NA
3-Nitroaniline	5.5	ND(1.9)	ND(3.2)	ND(2.9)	NA	NA	NA
4,6-Dinitro-2-methylphenol	55	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
4-Aminobiphenyl	1,400	ND(0.76)	ND(1.3)	ND(1.1)	NA	NA	NA
4-Bromophenyl-phenylether	160	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
4-Chloro-3-Methylphenol	2,700	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
4-Chloroaniline	220	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
4-Chlorobenzilate	1.6	ND(0.76)	ND(1.3)	ND(1.1)	NA	NA	NA
4-Chlorophenyl-phenylether	Not Listed	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
4-Nitroaniline	5.5	ND(1.9)	ND(3.2)	ND(2.9)	NA	NA	NA
4-Nitrophenol	3,400	ND(1.9) J	ND(3.2) J	ND(2.9) J	NA	NA	NA
4-Nitroquinoline-1-oxide	110	ND(0.76)	ND(1.3)	ND(1.1)	NA	NA	NA
4-Phenylenediamine	10,000	ND(0.76)	ND(1.3)	ND(1.1)	NA	NA	NA
5-Nitro-o-toluidine	13	ND(0.76)	ND(1.3)	ND(1.1)	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	0.056	ND(0.76)	ND(1.3)	ND(1.1)	NA	NA	NA
a,a'-Dimethylphenethylamine	55	ND(0.76)	ND(1.3)	ND(1.1)	NA	NA	NA
Acenaphthene	2,600	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
Acenaphthylene	55	0.16 J	ND(0.63)	ND(0.57)	NA	NA	NA
Acetophenone	0.49	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
Aniline	78	ND(0.38)	0.45 J	0.26 J	NA	NA	NA
Anthracene	14,000	0.13 J	ND(0.63)	ND(0.57)	NA	NA	NA
Aramite	18	ND(0.76)	ND(1.3)	ND(1.1)	NA	NA	NA
Benzidine	0.0019	ND(0.76) J	ND(1.3) J	ND(1.1) J	NA	NA	NA
Benzo(a)anthracene	0.56	0.55	ND(0.63)	0.22 J	NA	NA	NA
Benzo(a)pyrene	0.056	0.68	ND(0.63)	ND(0.57)	NA	NA	NA
Benzo(b)fluoranthene	0.56	0.59	ND(0.63)	ND(0.57)	NA	NA	NA
Benzo(g,h,i)perylene	55	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
Benzo(k)fluoranthene	5.6	0.67	ND(0.63)	ND(0.57)	NA	NA	NA
Benzyl Alcohol	16,000	ND(0.76)	ND(1.3)	ND(1.1)	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type:	Location ID:	PDI	PDI	PDI	PDI	PDI	PDI
Sample ID:	EPA Region 9	I9-9-1-SB-3	I9-9-1-SB-5	I9-9-1-SB-5	I9-9-1-SB-5	I9-9-1-SB-5	I9-9-1-SB-5
Sample Depth(Feet):	Residential	I9-9-1-SB-3	I9-9-1-SB-5	I9-9-1-SB-5	I9-9-1-SB-5	I9-9-1-SB-5	I9-9-1-SB-5
Date Collected:	PRGs	1-3	0-1	1-3	3-5	5-7	7-9
Parameter		06/17/03	06/17/03	06/17/03	10/24/05	06/06/06	06/06/06
Semivolatile Organics (continued)							
bis(2-Chloroethoxy)methane	Not Listed	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
bis(2-Chloroethyl)ether	0.18	ND(0.38) J	ND(0.63) J	ND(0.57) J	NA	NA	NA
bis(2-Chloroisopropyl)ether	2.5	ND(0.38) J	ND(0.63) J	ND(0.57) J	NA	NA	NA
bis(2-Ethylhexyl)phthalate	32	ND(0.37)	ND(0.62)	ND(0.56)	NA	NA	NA
Butylbenzylphthalate	930	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
Chrysene	56	0.73	ND(0.63)	0.24 J	NA	NA	NA
Diallate	7.3	ND(0.76)	ND(1.3)	ND(1.1)	NA	NA	NA
Dibenzo(a,h)anthracene	0.056	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
Dibenzofuran	210	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
Diethylphthalate	44,000	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
Dimethylphthalate	100,000	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
Di-n-Butylphthalate	5,500	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
Di-n-Octylphthalate	1,100	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
Dinoseb	55	NA	NA	NA	NA	NA	NA
Diphenylamine	1,400	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
Ethyl Methanesulfonate	Not Listed	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
Fluoranthene	2,000	1.2	0.21 J	0.56 J	NA	NA	NA
Fluorene	1,800	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
Hexachlorobenzene	0.28	ND(0.38) J	ND(0.63) J	ND(0.57) J	NA	NA	NA
Hexachlorobutadiene	5.7	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
Hexachlorocyclopentadiene	380	ND(0.38) J	ND(0.63) J	ND(0.57) J	NA	NA	NA
Hexachloroethane	32	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
Hexachlorophene	16	ND(0.76) J	ND(1.3) J	ND(1.1) J	NA	NA	NA
Hexachloropropene	Not Listed	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.56	0.41	ND(0.63)	ND(0.57)	NA	NA	NA
Isodrin	Not Listed	ND(0.38) J	ND(0.63) J	ND(0.57) J	NA	NA	NA
Isophorone	470	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
Isosafrole	Not Listed	ND(0.76)	ND(1.3)	ND(1.1)	NA	NA	NA
Methapyrilene	55	ND(0.76)	ND(1.3)	ND(1.1)	NA	NA	NA
Methyl Methanesulfonate	Not Listed	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
Naphthalene	55	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
Nitrobenzene	16	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
N-Nitrosodiethylamine	0.003	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
N-Nitrosodimethylamine	0.0087	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
N-Nitroso-di-n-butylamine	0.022	ND(0.76)	ND(1.3)	ND(1.1)	NA	NA	NA
N-Nitroso-di-n-propylamine	0.063	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
N-Nitrosodiphenylamine	91	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
N-Nitrosomethylethylamine	0.02	ND(0.76)	ND(1.3)	ND(1.1)	NA	NA	NA
N-Nitrosomorpholine	0.21	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
N-Nitrosopiperidine	0.21	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
N-Nitrosopyrrolidine	0.21	ND(0.76)	ND(1.3)	ND(1.1)	NA	NA	NA
o,o,o-Triethylphosphorothioate	11	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
o-Toluidine	1.9	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
p-Dimethylaminoazobenzene	0.99	ND(0.76)	ND(1.3)	ND(1.1)	NA	NA	NA
Pentachlorobenzene	44	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
Pentachloroethane	2.8	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
Pentachloronitrobenzene	1.7	ND(0.76)	ND(1.3)	ND(1.1)	NA	NA	NA
Pentachlorophenol	2.5	ND(1.9)	ND(3.2)	ND(2.9)	NA	NA	NA
Phenacetin	640	ND(0.76)	ND(1.3)	ND(1.1)	NA	NA	NA
Phenanthrene	55	0.44	ND(0.63)	0.38 J	NA	NA	NA
Phenol	33,000	ND(0.38)	0.16 J	ND(0.57)	NA	NA	NA
Pronamide	4,100	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
Pyrene	1,500	1.3	0.18 J	0.55 J	NA	NA	NA
Pyridine	55	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
Safrole	Not Listed	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA
Thionazin	330	ND(0.38)	ND(0.63)	ND(0.57)	NA	NA	NA

TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-1-SB-3 I9-9-1-SB-3 1-3 06/17/03	PDI I9-9-1-SB-5 I9-9-1-SB-5 0-1 06/17/03	PDI I9-9-1-SB-5 I9-9-1-SB-5 1-3 06/17/03	PDI I9-9-1-SB-5 I9-9-1-SB-5 3-5 10/24/05	PDI I9-9-1-SB-5 I9-9-1-SB-5 5-7 06/06/06	PDI I9-9-1-SB-5 I9-9-1-SB-5 7-9 06/06/06
Furans							
2,3,7,8-TCDF	Not Applicable	0.000012 YI	0.00014 Y	ND(0.0000034) Y	NA	NA	NA
TCDFs (total)	Not Applicable	0.000085	0.00026	0.00026	NA	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	0.0000050 I	0.000083	0.000033	NA	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	0.0000057	0.000047	0.000026	NA	NA	NA
PeCDFs (total)	Not Applicable	0.000083	0.00045	0.00012	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	0.000038 I	0.00035 I	0.00017 I	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	0.0000034	0.000043	0.000024	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	ND(0.0000027)	ND(0.000015) X	0.000011	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	0.0000036	0.000011	0.0000057	NA	NA	NA
HxCDFs (total)	Not Applicable	0.00010	0.00073	0.00038	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.000026	0.000071	0.000042	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	0.0000020	0.000043	0.000024	NA	NA	NA
HpCDFs (total)	Not Applicable	0.000028	0.00011	0.000066	NA	NA	NA
OCDF	Not Applicable	0.000031	0.000056	0.000028	NA	NA	NA
Dioxins							
2,3,7,8-TCDD	Not Applicable	ND(0.0000015) X	ND(0.0000019)	ND(0.0000011)	NA	NA	NA
TCDDs (total)	Not Applicable	0.0000019	0.000011	0.0000055	NA	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	ND(0.00000047)	ND(0.000023)	ND(0.0000065)	NA	NA	NA
PeCDDs (total)	Not Applicable	ND(0.00000047)	ND(0.000023)	ND(0.0000065)	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	0.00000095	ND(0.0000025)	ND(0.0000018)	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	0.0000023	ND(0.0000022)	0.0000048	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	0.0000022	ND(0.0000022)	ND(0.0000016)	NA	NA	NA
HxCDDs (total)	Not Applicable	0.0000054	ND(0.0000022)	0.0000048	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.000042	0.000039	0.000025	NA	NA	NA
HpCDDs (total)	Not Applicable	0.000082	0.000078	0.000055	NA	NA	NA
OCDD	Not Applicable	0.000035	0.00016	0.00016	NA	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	0.000011	0.000097	0.000041	NA	NA	NA
Inorganics							
Antimony	30	4.30 B	5.60 B	27.0	NA	NA	NA
Arsenic	0.38	8.80	12.0	16.0	NA	NA	NA
Barium	5,200	85.0	630	290	NA	NA	NA
Beryllium	150	0.190 B	0.280 B	0.220 B	NA	NA	NA
Cadmium	37	0.400 B	7.10	2.70	NA	NA	NA
Chromium	210	7.20	34.0	50.0	NA	NA	NA
Cobalt	3,300	6.20	5.60	9.80	NA	NA	NA
Copper	2,800	70.0	230	260	NA	NA	NA
Lead	400	320	2000	1800	16000	2460	32.4
Mercury	22	0.510	1.80	0.560	NA	NA	NA
Nickel	1,500	11.0	36.0	77.0	NA	NA	NA
Selenium	370	ND(1.00) J	3.40 J	3.80 J	NA	NA	NA
Silver	370	0.160 B	1.20 B	2.30	NA	NA	NA
Thallium	6	ND(1.10)	1.50 B	3.10	NA	NA	NA
Tin	45,000	24.0	830	410	NA	NA	NA
Vanadium	520	9.70	16.0	13.0	NA	NA	NA
Zinc	22,000	180	1400	1300	NA	NA	NA
Cyanide	11	0.230	1.00	1.30	NA	NA	NA
Sulfide	350	ND(5.60)	1300	1900	74.0	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-1-SB-5-N I9-9-1-SB-5-N 1-3 10/24/05	PDI I9-9-1-SB-5-N I9-9-1-SB-5-N 3-5 06/06/06	PDI I9-9-1-SB-5-N I9-9-1-SB-5-N 5-7 06/06/06	PDI I9-9-1-SB-5-N-SW I9-9-1-SB-5-N-SW 0-1 05/14/08	PDI I9-9-1-SB-5-N-SW I9-9-1-SB-5-N-SW 1-3 05/14/08
Volatile Organics						
1,1,1,2-Tetrachloroethane	2.8	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	680	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	0.36	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.82	NA	NA	NA	NA	NA
1,1-Dichloroethane	570	NA	NA	NA	NA	NA
1,1-Dichloroethene	0.052	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	0.0014	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	0.32	NA	NA	NA	NA	NA
1,2-Dibromoethane	0.0049	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.34	NA	NA	NA	NA	NA
1,2-Dichloropropane	0.34	NA	NA	NA	NA	NA
1,4-Dioxane	40	NA	NA	NA	NA	NA
2-Butanone	6,900	NA	NA	NA	NA	NA
2-Chloro-1,3-butadiene	3.6	NA	NA	NA	NA	NA
2-Chloroethylvinylether	0.18	NA	NA	NA	NA	NA
2-Hexanone	750	NA	NA	NA	NA	NA
3-Chloropropane	2,700	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	750	NA	NA	NA	NA	NA
Acetone	1,400	NA	NA	NA	NA	NA
Acetonitrile	200	NA	NA	NA	NA	NA
Acrolein	0.1	NA	NA	NA	NA	NA
Acrylonitrile	0.19	NA	NA	NA	NA	NA
Benzene	0.62	NA	NA	NA	NA	NA
Bromodichloromethane	0.98	NA	NA	NA	NA	NA
Bromoform	56	NA	NA	NA	NA	NA
Bromomethane	3.8	NA	NA	NA	NA	NA
Carbon Disulfide	350	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.23	NA	NA	NA	NA	NA
Chlorobenzene	54	NA	NA	NA	NA	NA
Chloroethane	1,600	NA	NA	NA	NA	NA
Chloroform	0.24	NA	NA	NA	NA	NA
Chloromethane	1.2	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	Not Listed	NA	NA	NA	NA	NA
Dibromochloromethane	5.3	NA	NA	NA	NA	NA
Dibromomethane	550	NA	NA	NA	NA	NA
Dichlorodifluoromethane	94	NA	NA	NA	NA	NA
Ethyl Methacrylate	140	NA	NA	NA	NA	NA
Ethylbenzene	230	NA	NA	NA	NA	NA
Iodomethane	1.2	NA	NA	NA	NA	NA
Isobutanol	10,000	NA	NA	NA	NA	NA
Methacrylonitrile	1.8	NA	NA	NA	NA	NA
Methyl Methacrylate	2,200	NA	NA	NA	NA	NA
Methylene Chloride	8.5	NA	NA	NA	NA	NA
Propionitrile	200	NA	NA	NA	NA	NA
Styrene	1,700	NA	NA	NA	NA	NA
Tetrachloroethene	4.7	NA	NA	NA	NA	NA
Toluene	520	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	62	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	Not Listed	NA	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	Not Listed	NA	NA	NA	NA	NA
Trichloroethene	2.7	NA	NA	NA	NA	NA
Trichlorofluoromethane	380	NA	NA	NA	NA	NA
Vinyl Acetate	420	NA	NA	NA	NA	NA
Vinyl Chloride	0.021	NA	NA	NA	NA	NA
Xylenes (total)	210	NA	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-1-SB-5-N I9-9-1-SB-5-N 1-3 10/24/05	PDI I9-9-1-SB-5-N I9-9-1-SB-5-N 3-5 06/06/06	PDI I9-9-1-SB-5-N I9-9-1-SB-5-N 5-7 06/06/06	PDI I9-9-1-SB-5-N-SW I9-9-1-SB-5-N-SW 0-1 05/14/08	PDI I9-9-1-SB-5-N-SW I9-9-1-SB-5-N-SW 1-3 05/14/08
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		16	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene		480	NA	NA	NA	NA	NA
1,2-Dichlorobenzene		370	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine		0.56	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene		1,600	NA	NA	NA	NA	NA
1,3-Dichlorobenzene		41	NA	NA	NA	NA	NA
1,3-Dinitrobenzene		5.5	NA	NA	NA	NA	NA
1,4-Dichlorobenzene		3	NA	NA	NA	NA	NA
1,4-Naphthoquinone		55	NA	NA	NA	NA	NA
1-Naphthylamine		Not Listed	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol		1,600	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol		5,500	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol		40	NA	NA	NA	NA	NA
2,4-Dichlorophenol		160	NA	NA	NA	NA	NA
2,4-Dimethylphenol		1,100	NA	NA	NA	NA	NA
2,4-Dinitrophenol		110	NA	NA	NA	NA	NA
2,4-Dinitrotoluene		110	NA	NA	NA	NA	NA
2,6-Dichlorophenol		160	NA	NA	NA	NA	NA
2,6-Dinitrotoluene		55	NA	NA	NA	NA	NA
2-Acetylaminofluorene		0.56	NA	NA	NA	NA	NA
2-Chloronaphthalene		3,700	NA	NA	NA	NA	NA
2-Chlorophenol		59	NA	NA	NA	NA	NA
2-Methylnaphthalene		55	NA	NA	NA	NA	NA
2-Methylphenol		2,700	NA	NA	NA	NA	NA
2-Naphthylamine		Not Listed	NA	NA	NA	NA	NA
2-Nitroaniline		3.3	NA	NA	NA	NA	NA
2-Nitrophenol		Not Listed	NA	NA	NA	NA	NA
2-Picoline		55	NA	NA	NA	NA	NA
3&4-Methylphenol		270	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine		0.99	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine		0.048	NA	NA	NA	NA	NA
3-Methylcholanthrene		0.056	NA	NA	NA	NA	NA
3-Nitroaniline		5.5	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol		55	NA	NA	NA	NA	NA
4-Aminobiphenyl		1,400	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether		160	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol		2,700	NA	NA	NA	NA	NA
4-Chloroaniline		220	NA	NA	NA	NA	NA
4-Chlorobenzilate		1.6	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether		Not Listed	NA	NA	NA	NA	NA
4-Nitroaniline		5.5	NA	NA	NA	NA	NA
4-Nitrophenol		3,400	NA	NA	NA	NA	NA
4-Nitroquinoline-1-oxide		110	NA	NA	NA	NA	NA
4-Phenylenediamine		10,000	NA	NA	NA	NA	NA
5-Nitro-o-toluidine		13	NA	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	NA	NA	NA	NA	NA
a,a'-Dimethylphenethylamine		55	NA	NA	NA	NA	NA
Acenaphthene		2,600	NA	NA	NA	NA	NA
Acenaphthylene		55	NA	NA	NA	NA	NA
Acetophenone		0.49	NA	NA	NA	NA	NA
Aniline		78	NA	NA	NA	NA	NA
Anthracene		14,000	NA	NA	NA	NA	NA
Aramite		18	NA	NA	NA	NA	NA
Benzidine		0.0019	NA	NA	NA	NA	NA
Benzo(a)anthracene		0.56	NA	NA	NA	NA	NA
Benzo(a)pyrene		0.056	NA	NA	NA	NA	NA
Benzo(b)fluoranthene		0.56	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene		55	NA	NA	NA	NA	NA
Benzo(k)fluoranthene		5.6	NA	NA	NA	NA	NA
Benzyl Alcohol		16,000	NA	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-1-SB-5-N I9-9-1-SB-5-N 1-3 10/24/05	PDI I9-9-1-SB-5-N I9-9-1-SB-5-N 3-5 06/06/06	PDI I9-9-1-SB-5-N I9-9-1-SB-5-N 5-7 06/06/06	PDI I9-9-1-SB-5-N-SW I9-9-1-SB-5-N-SW 0-1 05/14/08	PDI I9-9-1-SB-5-N-SW I9-9-1-SB-5-N-SW 1-3 05/14/08
Semivolatile Organics (continued)						
bis(2-Chloroethoxy)methane	Not Listed	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	0.18	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	2.5	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	32	NA	NA	NA	NA	NA
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
Chrysene	56	NA	NA	NA	NA	NA
Diallate	7.3	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.056	NA	NA	NA	NA	NA
Dibenzofuran	210	NA	NA	NA	NA	NA
Diethylphthalate	44,000	NA	NA	NA	NA	NA
Dimethylphthalate	100,000	NA	NA	NA	NA	NA
Di-n-Butylphthalate	5,500	NA	NA	NA	NA	NA
Di-n-Octylphthalate	1,100	NA	NA	NA	NA	NA
Dinoseb	55	NA	NA	NA	NA	NA
Diphenylamine	1,400	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	Not Listed	NA	NA	NA	NA	NA
Fluoranthene	2,000	NA	NA	NA	NA	NA
Fluorene	1,800	NA	NA	NA	NA	NA
Hexachlorobenzene	0.28	NA	NA	NA	NA	NA
Hexachlorobutadiene	5.7	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	380	NA	NA	NA	NA	NA
Hexachloroethane	32	NA	NA	NA	NA	NA
Hexachlorophene	16	NA	NA	NA	NA	NA
Hexachloropropene	Not Listed	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.56	NA	NA	NA	NA	NA
Isodrin	Not Listed	NA	NA	NA	NA	NA
Isophorone	470	NA	NA	NA	NA	NA
Isosafrole	Not Listed	NA	NA	NA	NA	NA
Methapyriene	55	NA	NA	NA	NA	NA
Methyl Methanesulfonate	Not Listed	NA	NA	NA	NA	NA
Naphthalene	55	NA	NA	NA	NA	NA
Nitrobenzene	16	NA	NA	NA	NA	NA
N-Nitrosodiethylamine	0.003	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	0.0087	NA	NA	NA	NA	NA
N-Nitroso-di-n-butylamine	0.022	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	0.063	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	91	NA	NA	NA	NA	NA
N-Nitrosomethylethylamine	0.02	NA	NA	NA	NA	NA
N-Nitrosomorpholine	0.21	NA	NA	NA	NA	NA
N-Nitrosopiperidine	0.21	NA	NA	NA	NA	NA
N-Nitrosopyrrolidine	0.21	NA	NA	NA	NA	NA
o,o,o-Triethylphosphorothioate	11	NA	NA	NA	NA	NA
o-Toluidine	1.9	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene	0.99	NA	NA	NA	NA	NA
Pentachlorobenzene	44	NA	NA	NA	NA	NA
Pentachloroethane	2.8	NA	NA	NA	NA	NA
Pentachloronitrobenzene	1.7	NA	NA	NA	NA	NA
Pentachlorophenol	2.5	NA	NA	NA	NA	NA
Phenacetin	640	NA	NA	NA	NA	NA
Phenanthrene	55	NA	NA	NA	NA	NA
Phenol	33,000	NA	NA	NA	NA	NA
Pronamide	4,100	NA	NA	NA	NA	NA
Pyrene	1,500	NA	NA	NA	NA	NA
Pyridine	55	NA	NA	NA	NA	NA
Safrole	Not Listed	NA	NA	NA	NA	NA
Thionazin	330	NA	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-1-SB-5-N I9-9-1-SB-5-N 1-3 10/24/05	PDI I9-9-1-SB-5-N I9-9-1-SB-5-N 3-5 06/06/06	PDI I9-9-1-SB-5-N I9-9-1-SB-5-N 5-7 06/06/06	PDI I9-9-1-SB-5-N-SW I9-9-1-SB-5-N-SW 0-1 05/14/08	PDI I9-9-1-SB-5-N-SW I9-9-1-SB-5-N-SW 1-3 05/14/08
Furans							
2,3,7,8-TCDF	Not Applicable	NA	NA	NA	NA	NA	NA
TCDFs (total)	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	NA	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	NA	NA	NA	NA	NA	NA
PeCDFs (total)	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA	NA	NA
HxCDFs (total)	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	NA	NA	NA	NA	NA
HpCDFs (total)	Not Applicable	NA	NA	NA	NA	NA	NA
OCDF	Not Applicable	NA	NA	NA	NA	NA	NA
Dioxins							
2,3,7,8-TCDD	Not Applicable	NA	NA	NA	NA	NA	NA
TCDDs (total)	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	NA	NA	NA	NA	NA	NA
PeCDDs (total)	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	NA	NA	NA	NA	NA	NA
HxCDDs (total)	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	NA	NA	NA	NA	NA
HpCDDs (total)	Not Applicable	NA	NA	NA	NA	NA	NA
OCDD	Not Applicable	NA	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	NA	NA	NA	NA	NA	NA
Inorganics							
Antimony	30	NA	NA	NA	NA	NA	NA
Arsenic	0.38	NA	NA	NA	NA	NA	NA
Barium	5,200	NA	NA	NA	NA	NA	NA
Beryllium	150	NA	NA	NA	NA	NA	NA
Cadmium	37	NA	NA	NA	NA	NA	NA
Chromium	210	NA	NA	NA	NA	NA	NA
Cobalt	3,300	NA	NA	NA	NA	NA	NA
Copper	2,800	NA	NA	NA	NA	NA	NA
Lead	400	1600	2110	494	1080	379	379
Mercury	22	NA	NA	NA	NA	NA	NA
Nickel	1,500	NA	NA	NA	NA	NA	NA
Selenium	370	NA	NA	NA	NA	NA	NA
Silver	370	NA	NA	NA	NA	NA	NA
Thallium	6	NA	NA	NA	NA	NA	NA
Tin	45,000	NA	NA	NA	NA	NA	NA
Vanadium	520	NA	NA	NA	NA	NA	NA
Zinc	22,000	NA	NA	NA	NA	NA	NA
Cyanide	11	NA	NA	NA	NA	NA	NA
Sulfide	350	NA	NA	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-1-SB-5-N-SW I9-9-1-SB-5-N-SW 3-5 05/14/08	PDI I9-9-1-SB-5-S I9-9-1-SB-5-S 1-3 10/24/05	PDI I9-9-1-SB-5-S I9-9-1-SB-5-S 5-7 06/06/06	PDI I9-9-1-SB-5-S I9-9-1-SB-5-S 7-9 06/06/06	PDI I9-9-1-SB-5-S I9-9-1-SB-5-S 9-11 06/06/06
Volatile Organics						
1,1,1,2-Tetrachloroethane	2.8	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	680	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	0.36	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.82	NA	NA	NA	NA	NA
1,1-Dichloroethane	570	NA	NA	NA	NA	NA
1,1-Dichloroethene	0.052	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	0.0014	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	0.32	NA	NA	NA	NA	NA
1,2-Dibromoethane	0.0049	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.34	NA	NA	NA	NA	NA
1,2-Dichloropropane	0.34	NA	NA	NA	NA	NA
1,4-Dioxane	40	NA	NA	NA	NA	NA
2-Butanone	6,900	NA	NA	NA	NA	NA
2-Chloro-1,3-butadiene	3.6	NA	NA	NA	NA	NA
2-Chloroethylvinylether	0.18	NA	NA	NA	NA	NA
2-Hexanone	750	NA	NA	NA	NA	NA
3-Chloropropene	2,700	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	750	NA	NA	NA	NA	NA
Acetone	1,400	NA	NA	NA	NA	NA
Acetonitrile	200	NA	NA	NA	NA	NA
Acrolein	0.1	NA	NA	NA	NA	NA
Acrylonitrile	0.19	NA	NA	NA	NA	NA
Benzene	0.62	NA	NA	NA	NA	NA
Bromodichloromethane	0.98	NA	NA	NA	NA	NA
Bromoform	56	NA	NA	NA	NA	NA
Bromomethane	3.8	NA	NA	NA	NA	NA
Carbon Disulfide	350	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.23	NA	NA	NA	NA	NA
Chlorobenzene	54	NA	NA	NA	NA	NA
Chloroethane	1,600	NA	NA	NA	NA	NA
Chloroform	0.24	NA	NA	NA	NA	NA
Chloromethane	1.2	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	Not Listed	NA	NA	NA	NA	NA
Dibromochloromethane	5.3	NA	NA	NA	NA	NA
Dibromomethane	550	NA	NA	NA	NA	NA
Dichlorodifluoromethane	94	NA	NA	NA	NA	NA
Ethyl Methacrylate	140	NA	NA	NA	NA	NA
Ethylbenzene	230	NA	NA	NA	NA	NA
Iodomethane	1.2	NA	NA	NA	NA	NA
Isobutanol	10,000	NA	NA	NA	NA	NA
Methacrylonitrile	1.8	NA	NA	NA	NA	NA
Methyl Methacrylate	2,200	NA	NA	NA	NA	NA
Methylene Chloride	8.5	NA	NA	NA	NA	NA
Propionitrile	200	NA	NA	NA	NA	NA
Styrene	1,700	NA	NA	NA	NA	NA
Tetrachloroethene	4.7	NA	NA	NA	NA	NA
Toluene	520	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	62	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	Not Listed	NA	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	Not Listed	NA	NA	NA	NA	NA
Trichloroethene	2.7	NA	NA	NA	NA	NA
Trichlorofluoromethane	380	NA	NA	NA	NA	NA
Vinyl Acetate	420	NA	NA	NA	NA	NA
Vinyl Chloride	0.021	NA	NA	NA	NA	NA
Xylenes (total)	210	NA	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-1-SB-5-N-SW I9-9-1-SB-5-N-SW 3-5 05/14/08	PDI I9-9-1-SB-5-S I9-9-1-SB-5-S 1-3 10/24/05	PDI I9-9-1-SB-5-S I9-9-1-SB-5-S 5-7 06/06/06	PDI I9-9-1-SB-5-S I9-9-1-SB-5-S 7-9 06/06/06	PDI I9-9-1-SB-5-S I9-9-1-SB-5-S 9-11 06/06/06
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		16	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene		480	NA	NA	NA	NA	NA
1,2-Dichlorobenzene		370	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine		0.56	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene		1,600	NA	NA	NA	NA	NA
1,3-Dichlorobenzene		41	NA	NA	NA	NA	NA
1,3-Dinitrobenzene		5.5	NA	NA	NA	NA	NA
1,4-Dichlorobenzene		3	NA	NA	NA	NA	NA
1,4-Naphthoquinone		55	NA	NA	NA	NA	NA
1-Naphthylamine		Not Listed	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol		1,600	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol		5,500	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol		40	NA	NA	NA	NA	NA
2,4-Dichlorophenol		160	NA	NA	NA	NA	NA
2,4-Dimethylphenol		1,100	NA	NA	NA	NA	NA
2,4-Dinitrophenol		110	NA	NA	NA	NA	NA
2,4-Dinitrotoluene		110	NA	NA	NA	NA	NA
2,6-Dichlorophenol		160	NA	NA	NA	NA	NA
2,6-Dinitrotoluene		55	NA	NA	NA	NA	NA
2-Acetylaminofluorene		0.56	NA	NA	NA	NA	NA
2-Chloronaphthalene		3,700	NA	NA	NA	NA	NA
2-Chlorophenol		59	NA	NA	NA	NA	NA
2-Methylnaphthalene		55	NA	NA	NA	NA	NA
2-Methylphenol		2,700	NA	NA	NA	NA	NA
2-Naphthylamine		Not Listed	NA	NA	NA	NA	NA
2-Nitroaniline		3.3	NA	NA	NA	NA	NA
2-Nitrophenol		Not Listed	NA	NA	NA	NA	NA
2-Picoline		55	NA	NA	NA	NA	NA
3&4-Methylphenol		270	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine		0.99	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine		0.048	NA	NA	NA	NA	NA
3-Methylcholanthrene		0.056	NA	NA	NA	NA	NA
3-Nitroaniline		5.5	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol		55	NA	NA	NA	NA	NA
4-Aminobiphenyl		1,400	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether		160	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol		2,700	NA	NA	NA	NA	NA
4-Chloroaniline		220	NA	NA	NA	NA	NA
4-Chlorobenzilate		1.6	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether		Not Listed	NA	NA	NA	NA	NA
4-Nitroaniline		5.5	NA	NA	NA	NA	NA
4-Nitrophenol		3,400	NA	NA	NA	NA	NA
4-Nitroquinoline-1-oxide		110	NA	NA	NA	NA	NA
4-Phenylenediamine		10,000	NA	NA	NA	NA	NA
5-Nitro-o-toluidine		13	NA	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	NA	NA	NA	NA	NA
a,a'-Dimethylphenethylamine		55	NA	NA	NA	NA	NA
Acenaphthene		2,600	NA	NA	NA	NA	NA
Acenaphthylene		55	NA	NA	NA	NA	NA
Acetophenone		0.49	NA	NA	NA	NA	NA
Aniline		78	NA	NA	NA	NA	NA
Anthracene		14,000	NA	NA	NA	NA	NA
Aramite		18	NA	NA	NA	NA	NA
Benzidine		0.0019	NA	NA	NA	NA	NA
Benzo(a)anthracene		0.56	NA	NA	NA	NA	NA
Benzo(a)pyrene		0.056	NA	NA	NA	NA	NA
Benzo(b)fluoranthene		0.56	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene		55	NA	NA	NA	NA	NA
Benzo(k)fluoranthene		5.6	NA	NA	NA	NA	NA
Benzyl Alcohol		16,000	NA	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-1-SB-5-N-SW I9-9-1-SB-5-N-SW 3-5 05/14/08	PDI I9-9-1-SB-5-S I9-9-1-SB-5-S 1-3 10/24/05	PDI I9-9-1-SB-5-S I9-9-1-SB-5-S 5-7 06/06/06	PDI I9-9-1-SB-5-S I9-9-1-SB-5-S 7-9 06/06/06	PDI I9-9-1-SB-5-S I9-9-1-SB-5-S 9-11 06/06/06
Semivolatile Organics (continued)						
bis(2-Chloroethoxy)methane	Not Listed	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	0.18	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	2.5	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	32	NA	NA	NA	NA	NA
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
Chrysene	56	NA	NA	NA	NA	NA
Diallate	7.3	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.056	NA	NA	NA	NA	NA
Dibenzofuran	210	NA	NA	NA	NA	NA
Diethylphthalate	44,000	NA	NA	NA	NA	NA
Dimethylphthalate	100,000	NA	NA	NA	NA	NA
Di-n-Butylphthalate	5,500	NA	NA	NA	NA	NA
Di-n-Octylphthalate	1,100	NA	NA	NA	NA	NA
Dinoseb	55	NA	NA	NA	NA	NA
Diphenylamine	1,400	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	Not Listed	NA	NA	NA	NA	NA
Fluoranthene	2,000	NA	NA	NA	NA	NA
Fluorene	1,800	NA	NA	NA	NA	NA
Hexachlorobenzene	0.28	NA	NA	NA	NA	NA
Hexachlorobutadiene	5.7	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	380	NA	NA	NA	NA	NA
Hexachloroethane	32	NA	NA	NA	NA	NA
Hexachlorophene	16	NA	NA	NA	NA	NA
Hexachloropropene	Not Listed	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.56	NA	NA	NA	NA	NA
Isodrin	Not Listed	NA	NA	NA	NA	NA
Isophorone	470	NA	NA	NA	NA	NA
Isosafrole	Not Listed	NA	NA	NA	NA	NA
Methapyrilene	55	NA	NA	NA	NA	NA
Methyl Methanesulfonate	Not Listed	NA	NA	NA	NA	NA
Naphthalene	55	NA	NA	NA	NA	NA
Nitrobenzene	16	NA	NA	NA	NA	NA
N-Nitrosodiethylamine	0.003	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	0.0087	NA	NA	NA	NA	NA
N-Nitroso-di-n-butylamine	0.022	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	0.063	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	91	NA	NA	NA	NA	NA
N-Nitrosomethylethylamine	0.02	NA	NA	NA	NA	NA
N-Nitrosomorpholine	0.21	NA	NA	NA	NA	NA
N-Nitrosopiperidine	0.21	NA	NA	NA	NA	NA
N-Nitrosopyrrolidine	0.21	NA	NA	NA	NA	NA
o,o,o-Triethylphosphorothioate	11	NA	NA	NA	NA	NA
o-Toluidine	1.9	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene	0.99	NA	NA	NA	NA	NA
Pentachlorobenzene	44	NA	NA	NA	NA	NA
Pentachloroethane	2.8	NA	NA	NA	NA	NA
Pentachloronitrobenzene	1.7	NA	NA	NA	NA	NA
Pentachlorophenol	2.5	NA	NA	NA	NA	NA
Phenacetin	640	NA	NA	NA	NA	NA
Phenanthrene	55	NA	NA	NA	NA	NA
Phenol	33,000	NA	NA	NA	NA	NA
Pronamide	4,100	NA	NA	NA	NA	NA
Pyrene	1,500	NA	NA	NA	NA	NA
Pyridine	55	NA	NA	NA	NA	NA
Safrole	Not Listed	NA	NA	NA	NA	NA
Thionazin	330	NA	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-1-SB-5-N-SW I9-9-1-SB-5-N-SW 3-5 05/14/08	PDI I9-9-1-SB-5-S I9-9-1-SB-5-S 1-3 10/24/05	PDI I9-9-1-SB-5-S I9-9-1-SB-5-S 5-7 06/06/06	PDI I9-9-1-SB-5-S I9-9-1-SB-5-S 7-9 06/06/06	PDI I9-9-1-SB-5-S I9-9-1-SB-5-S 9-11 06/06/06
Furans						
2,3,7,8-TCDF	Not Applicable	NA	NA	NA	NA	NA
TCDFs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	NA	NA	NA	NA	NA
PeCDFs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA	NA
HxCDFs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	NA	NA	NA	NA
HpCDFs (total)	Not Applicable	NA	NA	NA	NA	NA
OCDF	Not Applicable	NA	NA	NA	NA	NA
Dioxins						
2,3,7,8-TCDD	Not Applicable	NA	NA	NA	NA	NA
TCDDs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	NA	NA	NA	NA	NA
PeCDDs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	NA	NA	NA	NA	NA
HxCDDs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	NA	NA	NA	NA
HpCDDs (total)	Not Applicable	NA	NA	NA	NA	NA
OCDD	Not Applicable	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	NA	NA	NA	NA	NA
Inorganics						
Antimony	30	NA	NA	NA	NA	NA
Arsenic	0.38	NA	NA	NA	7.82 J	NA
Barium	5,200	NA	NA	NA	NA	NA
Beryllium	150	NA	NA	NA	NA	NA
Cadmium	37	NA	NA	NA	NA	NA
Chromium	210	NA	NA	NA	NA	NA
Cobalt	3,300	NA	NA	NA	NA	NA
Copper	2,800	NA	NA	NA	NA	NA
Lead	400	153 [153]	1200	790	584	5.07 J
Mercury	22	NA	NA	NA	NA	NA
Nickel	1,500	NA	NA	NA	NA	NA
Selenium	370	NA	NA	NA	NA	NA
Silver	370	NA	NA	NA	NA	NA
Thallium	6	NA	NA	NA	NA	NA
Tin	45,000	NA	NA	NA	NA	NA
Vanadium	520	NA	NA	NA	NA	NA
Zinc	22,000	NA	NA	NA	NA	NA
Cyanide	11	NA	NA	NA	NA	NA
Sulfide	350	NA	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type:	Location ID:	PDI	PDI	PDI	PDI	PDI	PDI
Sample ID:	EPA Region 9	I9-9-1-SB-6	I9-9-1-SB-6	I9-9-1-SB-6	I9-9-1-SB-6-S	I9-9-1-SB-6-S	I9-9-1-SB-6-S
Sample Depth(Feet):	Residential	5-7	7-9	9-11	1-3	3-5	5-7
Date Collected:	PRGs	03/08/05	03/08/05	06/06/06	06/06/06	06/06/06	06/06/06
Parameter							
Volatile Organics							
1,1,1,2-Tetrachloroethane	2.8	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
1,1,1-Trichloroethane	680	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	0.36	ND(0.0062)	ND(0.010) J	NA	NA	NA	NA
1,1,2-Trichloroethane	0.82	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
1,1-Dichloroethane	570	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
1,1-Dichloroethene	0.052	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
1,2,3-Trichloropropane	0.0014	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	0.32	ND(0.0062)	ND(0.010) J	NA	NA	NA	NA
1,2-Dibromoethane	0.0049	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
1,2-Dichloroethane	0.34	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
1,2-Dichloropropane	0.34	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
1,4-Dioxane	40	ND(0.12) J	ND(0.20) J	NA	NA	NA	NA
2-Butanone	6,900	ND(0.012)	0.029	NA	NA	NA	NA
2-Chloro-1,3-butadiene	3.6	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
2-Chloroethylvinylether	0.18	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
2-Hexanone	750	ND(0.012)	ND(0.020)	NA	NA	NA	NA
3-Chloropropane	2,700	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
4-Methyl-2-pentanone	750	ND(0.012)	ND(0.020)	NA	NA	NA	NA
Acetone	1,400	0.0071 J	0.16 J	NA	NA	NA	NA
Acetonitrile	200	ND(0.12) J	ND(0.20) J	NA	NA	NA	NA
Acrolein	0.1	ND(0.12) J	ND(0.20) J	NA	NA	NA	NA
Acrylonitrile	0.19	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
Benzene	0.62	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
Bromodichloromethane	0.98	ND(0.0062)	ND(0.010) J	NA	NA	NA	NA
Bromoform	56	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
Bromomethane	3.8	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
Carbon Disulfide	350	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
Carbon Tetrachloride	0.23	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
Chlorobenzene	54	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
Chloroethane	1,600	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
Chloroform	0.24	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
Chloromethane	1.2	ND(0.0062) J	ND(0.010)	NA	NA	NA	NA
cis-1,3-Dichloropropene	Not Listed	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
Dibromochloromethane	5.3	ND(0.0062)	ND(0.010) J	NA	NA	NA	NA
Dibromomethane	550	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
Dichlorodifluoromethane	94	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
Ethyl Methacrylate	140	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
Ethylbenzene	230	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
Iodomethane	1.2	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
Isobutanol	10,000	0.23 J	ND(0.20) J	NA	NA	NA	NA
Methacrylonitrile	1.8	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
Methyl Methacrylate	2,200	ND(0.0062)	ND(0.010) J	NA	NA	NA	NA
Methylene Chloride	8.5	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
Propionitrile	200	ND(0.012) J	ND(0.020) J	NA	NA	NA	NA
Styrene	1,700	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
Tetrachloroethene	4.7	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
Toluene	520	0.0031 J	ND(0.010)	NA	NA	NA	NA
trans-1,2-Dichloroethene	62	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
trans-1,3-Dichloropropene	Not Listed	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	Not Listed	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
Trichloroethene	2.7	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
Trichlorofluoromethane	380	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
Vinyl Acetate	420	ND(0.0062)	ND(0.010) J	NA	NA	NA	NA
Vinyl Chloride	0.021	ND(0.0062)	ND(0.010)	NA	NA	NA	NA
Xylenes (total)	210	ND(0.0062)	ND(0.010) J	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	PDI	PDI	PDI	PDI	PDI
			I9-9-1-SB-6 I9-9-1-SB-6 5-7 03/08/05	I9-9-1-SB-6 I9-9-1-SB-6 7-9 03/08/05	I9-9-1-SB-6 I9-9-1-SB-6 9-11 06/06/06	I9-9-1-SB-6-S I9-9-1-SB-6-S 1-3 06/06/06	I9-9-1-SB-6-S I9-9-1-SB-6-S 3-5 06/06/06	I9-9-1-SB-6-S I9-9-1-SB-6-S 5-7 06/06/06
Semivolatile Organics								
1,2,4,5-Tetrachlorobenzene		16	ND(0.41)	ND(0.67)	NA	NA	NA	NA
1,2,4-Trichlorobenzene		480	ND(0.41)	ND(0.67)	NA	NA	NA	NA
1,2-Dichlorobenzene		370	ND(0.41)	ND(0.67)	NA	NA	NA	NA
1,2-Diphenylhydrazine		0.56	ND(0.41)	ND(0.67)	NA	NA	NA	NA
1,3,5-Trinitrobenzene		1,600	ND(0.41)	ND(0.67)	NA	NA	NA	NA
1,3-Dichlorobenzene		41	ND(0.41)	ND(0.67)	NA	NA	NA	NA
1,3-Dinitrobenzene		5.5	ND(0.83)	ND(1.3)	NA	NA	NA	NA
1,4-Dichlorobenzene		3	ND(0.41)	ND(0.67)	NA	NA	NA	NA
1,4-Naphthoquinone		55	ND(0.83) J	ND(1.3) J	NA	NA	NA	NA
1-Naphthylamine		Not Listed	ND(0.83)	ND(1.3)	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol		1,600	ND(0.41)	ND(0.67)	NA	NA	NA	NA
2,4,5-Trichlorophenol		5,500	ND(0.41)	ND(0.67)	NA	NA	NA	NA
2,4,6-Trichlorophenol		40	ND(0.41)	ND(0.67)	NA	NA	NA	NA
2,4-Dichlorophenol		160	ND(0.41)	ND(0.67)	NA	NA	NA	NA
2,4-Dimethylphenol		1,100	ND(0.41)	ND(0.67)	NA	NA	NA	NA
2,4-Dinitrophenol		110	ND(2.1) J	ND(3.4) J	NA	NA	NA	NA
2,4-Dinitrotoluene		110	ND(0.41)	ND(0.67)	NA	NA	NA	NA
2,6-Dichlorophenol		160	ND(0.41)	ND(0.67)	NA	NA	NA	NA
2,6-Dinitrotoluene		55	ND(0.41)	ND(0.67)	NA	NA	NA	NA
2-Acetylaminofluorene		0.56	ND(0.83)	ND(1.3)	NA	NA	NA	NA
2-Chloronaphthalene		3,700	ND(0.41)	ND(0.67)	NA	NA	NA	NA
2-Chlorophenol		59	ND(0.41)	ND(0.67)	NA	NA	NA	NA
2-Methylnaphthalene		55	ND(0.41)	ND(0.67)	NA	NA	NA	NA
2-Methylphenol		2,700	ND(0.41)	ND(0.67)	NA	NA	NA	NA
2-Naphthylamine		Not Listed	ND(0.83)	ND(1.3)	NA	NA	NA	NA
2-Nitroaniline		3.3	ND(2.1)	ND(3.4)	NA	NA	NA	NA
2-Nitrophenol		Not Listed	ND(0.83)	ND(1.3)	NA	NA	NA	NA
2-Picoline		55	ND(0.41)	ND(0.67)	NA	NA	NA	NA
3&4-Methylphenol		270	ND(0.83)	ND(1.3)	NA	NA	NA	NA
3,3'-Dichlorobenzidine		0.99	ND(0.83)	ND(1.3)	NA	NA	NA	NA
3,3'-Dimethylbenzidine		0.048	ND(0.41)	ND(0.67)	NA	NA	NA	NA
3-Methylcholanthrene		0.056	ND(0.83)	ND(1.3)	NA	NA	NA	NA
3-Nitroaniline		5.5	ND(2.1)	ND(3.4)	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol		55	ND(0.41) J	ND(0.67) J	NA	NA	NA	NA
4-Aminobiphenyl		1,400	ND(0.83)	ND(1.3)	NA	NA	NA	NA
4-Bromophenyl-phenylether		160	ND(0.41)	ND(0.67)	NA	NA	NA	NA
4-Chloro-3-Methylphenol		2,700	ND(0.41)	ND(0.67)	NA	NA	NA	NA
4-Chloroaniline		220	ND(0.41)	ND(0.67)	NA	NA	NA	NA
4-Chlorobenzilate		1.6	ND(0.83)	ND(1.3)	NA	NA	NA	NA
4-Chlorophenyl-phenylether		Not Listed	ND(0.41)	ND(0.67)	NA	NA	NA	NA
4-Nitroaniline		5.5	ND(2.1)	ND(3.4)	NA	NA	NA	NA
4-Nitrophenol		3,400	ND(2.1)	ND(3.4)	NA	NA	NA	NA
4-Nitroquinoline-1-oxide		110	ND(0.83) J	ND(1.3) J	NA	NA	NA	NA
4-Phenylenediamine		10,000	ND(0.83)	ND(1.3)	NA	NA	NA	NA
5-Nitro-o-toluidine		13	ND(0.83)	ND(1.3)	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.83)	ND(1.3)	NA	NA	NA	NA
a,a'-Dimethylphenethylamine		55	ND(0.83) J	ND(1.3) J	NA	NA	NA	NA
Acenaphthene		2,600	ND(0.41)	ND(0.67)	NA	NA	NA	NA
Acenaphthylene		55	0.10 J	0.067 J	NA	NA	NA	NA
Acetophenone		0.49	ND(0.41)	ND(0.67)	NA	NA	NA	NA
Aniline		78	ND(0.41) J	ND(0.67) J	NA	NA	NA	NA
Anthracene		14,000	0.072 J	0.064 J	NA	NA	NA	NA
Aramite		18	ND(0.83)	ND(1.3)	NA	NA	NA	NA
Benzidine		0.0019	ND(0.83) J	ND(1.3) J	NA	NA	NA	NA
Benzo(a)anthracene		0.56	0.31 J	0.24 J	NA	NA	NA	NA
Benzo(a)pyrene		0.056	0.40 J	0.26 J	NA	NA	NA	NA
Benzo(b)fluoranthene		0.56	0.33 J	0.24 J	NA	NA	NA	NA
Benzo(g,h,i)perylene		55	0.28 J	0.15 J	NA	NA	NA	NA
Benzo(k)fluoranthene		5.6	0.39 J	0.27 J	NA	NA	NA	NA
Benzyl Alcohol		16,000	ND(0.83)	ND(1.3)	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	PDI	PDI	PDI	PDI	PDI
			I9-9-1-SB-6 I9-9-1-SB-6 5-7 03/08/05	I9-9-1-SB-6 I9-9-1-SB-6 7-9 03/08/05	I9-9-1-SB-6 I9-9-1-SB-6 9-11 06/06/06	I9-9-1-SB-6-S I9-9-1-SB-6-S 1-3 06/06/06	I9-9-1-SB-6-S I9-9-1-SB-6-S 3-5 06/06/06	I9-9-1-SB-6-S I9-9-1-SB-6-S 5-7 06/06/06
Semivolatile Organics (continued)								
bis(2-Chloroethoxy)methane		Not Listed	ND(0.41)	ND(0.67)	NA	NA	NA	NA
bis(2-Chloroethyl)ether		0.18	ND(0.41)	ND(0.67)	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether		2.5	ND(0.41)	ND(0.67)	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate		32	ND(0.41)	ND(0.66)	NA	NA	NA	NA
Butylbenzylphthalate		930	ND(0.41)	ND(0.67)	NA	NA	NA	NA
Chrysene		56	0.38 J	0.28 J	NA	NA	NA	NA
Diallate		7.3	ND(0.83)	ND(1.3)	NA	NA	NA	NA
Dibenzo(a,h)anthracene		0.056	0.046 J	ND(0.67)	NA	NA	NA	NA
Dibenzofuran		210	ND(0.41)	ND(0.67)	NA	NA	NA	NA
Diethylphthalate		44,000	ND(0.41)	ND(0.67)	NA	NA	NA	NA
Dimethylphthalate		100,000	ND(0.41)	ND(0.67)	NA	NA	NA	NA
Di-n-Butylphthalate		5,500	ND(0.41)	ND(0.67)	NA	NA	NA	NA
Di-n-Octylphthalate		1,100	ND(0.41)	ND(0.67)	NA	NA	NA	NA
Dinoseb		55	NA	NA	NA	NA	NA	NA
Diphenylamine		1,400	ND(0.41)	ND(0.67)	NA	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(0.41)	ND(0.67)	NA	NA	NA	NA
Fluoranthene		2,000	0.56	0.52 J	NA	NA	NA	NA
Fluorene		1,800	ND(0.41)	ND(0.67)	NA	NA	NA	NA
Hexachlorobenzene		0.28	ND(0.41)	ND(0.67)	NA	NA	NA	NA
Hexachlorobutadiene		5.7	ND(0.41)	ND(0.67)	NA	NA	NA	NA
Hexachlorocyclopentadiene		380	ND(0.41) J	ND(0.67) J	NA	NA	NA	NA
Hexachloroethane		32	ND(0.41)	ND(0.67)	NA	NA	NA	NA
Hexachlorophene		16	ND(0.83) J	ND(1.3) J	NA	NA	NA	NA
Hexachloropropene		Not Listed	ND(0.41)	ND(0.67)	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	0.18 J	0.10 J	NA	NA	NA	NA
Isodrin		Not Listed	ND(0.41)	ND(0.67)	NA	NA	NA	NA
Isophorone		470	ND(0.41) J	ND(0.67) J	NA	NA	NA	NA
Isosafrole		Not Listed	ND(0.83) J	ND(1.3) J	NA	NA	NA	NA
Methapyrilene		55	ND(0.83) J	ND(1.3) J	NA	NA	NA	NA
Methyl Methanesulfonate		Not Listed	ND(0.41)	ND(0.67)	NA	NA	NA	NA
Naphthalene		55	0.049 J	ND(0.67)	NA	NA	NA	NA
Nitrobenzene		16	ND(0.41)	ND(0.67)	NA	NA	NA	NA
N-Nitrosodiethylamine		0.003	ND(0.41)	ND(0.67)	NA	NA	NA	NA
N-Nitrosodimethylamine		0.0087	ND(0.41)	ND(0.67)	NA	NA	NA	NA
N-Nitroso-di-n-butylamine		0.022	ND(0.83)	ND(1.3)	NA	NA	NA	NA
N-Nitroso-di-n-propylamine		0.063	ND(0.41)	ND(0.67)	NA	NA	NA	NA
N-Nitrosodiphenylamine		91	ND(0.41)	ND(0.67)	NA	NA	NA	NA
N-Nitrosomethylethylamine		0.02	ND(0.83)	ND(1.3)	NA	NA	NA	NA
N-Nitrosomorpholine		0.21	ND(0.41)	ND(0.67)	NA	NA	NA	NA
N-Nitrosopiperidine		0.21	ND(0.41)	ND(0.67)	NA	NA	NA	NA
N-Nitrosopyrrolidine		0.21	ND(0.83)	ND(1.3)	NA	NA	NA	NA
o,o,o-Triethylphosphorothioate		11	ND(0.41)	ND(0.67)	NA	NA	NA	NA
o-Toluidine		1.9	ND(0.41)	ND(0.67)	NA	NA	NA	NA
p-Dimethylaminoazobenzene		0.99	ND(0.83)	ND(1.3)	NA	NA	NA	NA
Pentachlorobenzene		44	ND(0.41)	ND(0.67)	NA	NA	NA	NA
Pentachloroethane		2.8	ND(0.41)	ND(0.67)	NA	NA	NA	NA
Pentachloronitrobenzene		1.7	ND(0.83)	ND(1.3)	NA	NA	NA	NA
Pentachlorophenol		2.5	ND(2.1)	ND(3.4)	NA	NA	NA	NA
Phenacetin		640	ND(0.83)	ND(1.3)	NA	NA	NA	NA
Phenanthrene		55	0.29 J	0.30 J	NA	NA	NA	NA
Phenol		33,000	ND(0.41)	ND(0.67)	NA	NA	NA	NA
Pronamide		4,100	ND(0.41)	ND(0.67)	NA	NA	NA	NA
Pyrene		1,500	0.66	0.54 J	NA	NA	NA	NA
Pyridine		55	ND(0.41)	ND(0.67)	NA	NA	NA	NA
Safrole		Not Listed	ND(0.41) J	ND(0.67) J	NA	NA	NA	NA
Thionazin		330	ND(0.41)	ND(0.67)	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	PDI	PDI	PDI	PDI	PDI
			I9-9-1-SB-6 I9-9-1-SB-6 5-7 03/08/05	I9-9-1-SB-6 I9-9-1-SB-6 7-9 03/08/05	I9-9-1-SB-6 I9-9-1-SB-6 9-11 06/06/06	I9-9-1-SB-6-S I9-9-1-SB-6-S 1-3 06/06/06	I9-9-1-SB-6-S I9-9-1-SB-6-S 3-5 06/06/06	I9-9-1-SB-6-S I9-9-1-SB-6-S 5-7 06/06/06
Furans								
2,3,7,8-TCDF	Not Applicable	0.000035 Y	0.000032 Y	NA	NA	NA	NA	NA
TCDFs (total)	Not Applicable	0.00029	0.000066	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	0.000013	ND(0.0000025)	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	0.000016	ND(0.0000039)	NA	NA	NA	NA	NA
PeCDFs (total)	Not Applicable	0.00018	0.000015	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	0.000017	ND(0.0000033)	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	0.000012	ND(0.0000031)	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	ND(0.0000031)	ND(0.0000020)	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	0.000011	ND(0.0000028)	NA	NA	NA	NA	NA
HxCDFs (total)	Not Applicable	0.00013	0.0000066	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.000044	0.0000082 J	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	0.0000035 J	ND(0.00000077)	NA	NA	NA	NA	NA
HpCDFs (total)	Not Applicable	0.000075	0.0000082	NA	NA	NA	NA	NA
OCDF	Not Applicable	0.000030	ND(0.0000033)	NA	NA	NA	NA	NA
Dioxins								
2,3,7,8-TCDD	Not Applicable	0.00000067 J	ND(0.00000026)	NA	NA	NA	NA	NA
TCDDs (total)	Not Applicable	0.000013	0.0000055	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	ND(0.0000014)	ND(0.00000089)	NA	NA	NA	NA	NA
PeCDDs (total)	Not Applicable	ND(0.0000049)	ND(0.0000028)	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	ND(0.0000010)	ND(0.00000058)	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	ND(0.0000028)	ND(0.00000077)	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	ND(0.0000030)	ND(0.0000015)	NA	NA	NA	NA	NA
HxCDDs (total)	Not Applicable	0.000021	0.0000063	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.000025	ND(0.0000033)	NA	NA	NA	NA	NA
HpCDDs (total)	Not Applicable	0.000048	ND(0.0000033)	NA	NA	NA	NA	NA
OCDD	Not Applicable	0.00018	ND(0.0000088)	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	0.000019	0.0000026	NA	NA	NA	NA	NA
Inorganics								
Antimony	30	2.80 B	5.50 B	NA	NA	NA	NA	NA
Arsenic	0.38	16.0	59.0	5.10 J	NA	NA	NA	NA
Barium	5,200	190	960	NA	NA	NA	NA	NA
Beryllium	150	0.550	0.320 B	NA	NA	NA	NA	NA
Cadmium	37	1.30	3.50	NA	NA	NA	NA	NA
Chromium	210	19.0	120	NA	NA	NA	NA	NA
Cobalt	3,300	7.90	16.0	NA	NA	NA	NA	NA
Copper	2,800	100	210	NA	NA	NA	NA	NA
Lead	400	640	8000	6.01 J	703	1190	1020	NA
Mercury	22	0.380	5.30	NA	NA	NA	NA	NA
Nickel	1,500	20.0	37.0	NA	NA	NA	NA	NA
Selenium	370	2.30 J	17.0	NA	NA	NA	NA	NA
Silver	370	ND(1.0)	ND(1.5)	NA	NA	NA	NA	NA
Thallium	6	ND(1.20)	8.00	NA	NA	NA	NA	NA
Tin	45,000	34.0	5100	NA	NA	NA	NA	NA
Vanadium	520	23.0	31.0	NA	NA	NA	NA	NA
Zinc	22,000	520	3400	NA	NA	NA	NA	NA
Cyanide	11	0.760	1.80	NA	NA	NA	NA	NA
Sulfide	350	18.0	6000	NA	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type:	Location ID:	PDI	PDI	PDI	PDI	PDI
Sample ID:	EPA Region 9	I9-9-1-SB-6-S	I9-9-1-SB-6-S	I9-9-1-SB-6-SS	I9-9-1-SB-6-SS	I9-9-1-SB-6-SS
Sample Depth(Feet):	Residential	7-9	9-11	1-3	3-5	5-7
Date Collected:	PRGs	06/06/06	06/06/06	06/06/06	06/06/06	06/06/06
Parameter						
Volatile Organics						
1,1,1,2-Tetrachloroethane	2.8	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	680	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	0.36	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.82	NA	NA	NA	NA	NA
1,1-Dichloroethane	570	NA	NA	NA	NA	NA
1,1-Dichloroethene	0.052	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	0.0014	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	0.32	NA	NA	NA	NA	NA
1,2-Dibromoethane	0.0049	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.34	NA	NA	NA	NA	NA
1,2-Dichloropropane	0.34	NA	NA	NA	NA	NA
1,4-Dioxane	40	NA	NA	NA	NA	NA
2-Butanone	6,900	NA	NA	NA	NA	NA
2-Chloro-1,3-butadiene	3.6	NA	NA	NA	NA	NA
2-Chloroethylvinylether	0.18	NA	NA	NA	NA	NA
2-Hexanone	750	NA	NA	NA	NA	NA
3-Chloropropane	2,700	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	750	NA	NA	NA	NA	NA
Acetone	1,400	NA	NA	NA	NA	NA
Acetonitrile	200	NA	NA	NA	NA	NA
Acrolein	0.1	NA	NA	NA	NA	NA
Acrylonitrile	0.19	NA	NA	NA	NA	NA
Benzene	0.62	NA	NA	NA	NA	NA
Bromodichloromethane	0.98	NA	NA	NA	NA	NA
Bromoform	56	NA	NA	NA	NA	NA
Bromomethane	3.8	NA	NA	NA	NA	NA
Carbon Disulfide	350	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.23	NA	NA	NA	NA	NA
Chlorobenzene	54	NA	NA	NA	NA	NA
Chloroethane	1,600	NA	NA	NA	NA	NA
Chloroform	0.24	NA	NA	NA	NA	NA
Chloromethane	1.2	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	Not Listed	NA	NA	NA	NA	NA
Dibromochloromethane	5.3	NA	NA	NA	NA	NA
Dibromomethane	550	NA	NA	NA	NA	NA
Dichlorodifluoromethane	94	NA	NA	NA	NA	NA
Ethyl Methacrylate	140	NA	NA	NA	NA	NA
Ethylbenzene	230	NA	NA	NA	NA	NA
Iodomethane	1.2	NA	NA	NA	NA	NA
Isobutanol	10,000	NA	NA	NA	NA	NA
Methacrylonitrile	1.8	NA	NA	NA	NA	NA
Methyl Methacrylate	2,200	NA	NA	NA	NA	NA
Methylene Chloride	8.5	NA	NA	NA	NA	NA
Propionitrile	200	NA	NA	NA	NA	NA
Styrene	1,700	NA	NA	NA	NA	NA
Tetrachloroethene	4.7	NA	NA	NA	NA	NA
Toluene	520	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	62	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	Not Listed	NA	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	Not Listed	NA	NA	NA	NA	NA
Trichloroethene	2.7	NA	NA	NA	NA	NA
Trichlorofluoromethane	380	NA	NA	NA	NA	NA
Vinyl Acetate	420	NA	NA	NA	NA	NA
Vinyl Chloride	0.021	NA	NA	NA	NA	NA
Xylenes (total)	210	NA	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type:	Location ID:	PDI	PDI	PDI	PDI	PDI
Sample ID:	EPA Region 9	I9-9-1-SB-6-S	I9-9-1-SB-6-S	I9-9-1-SB-6-SS	I9-9-1-SB-6-SS	I9-9-1-SB-6-SS
Sample Depth(Feet):	Residential	7-9	9-11	1-3	3-5	5-7
Date Collected:	PRGs	06/06/06	06/06/06	06/06/06	06/06/06	06/06/06
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	16	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	480	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	370	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	0.56	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	1,600	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	41	NA	NA	NA	NA	NA
1,3-Dinitrobenzene	5.5	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	3	NA	NA	NA	NA	NA
1,4-Naphthoquinone	55	NA	NA	NA	NA	NA
1-Naphthylamine	Not Listed	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	1,600	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	5,500	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	40	NA	NA	NA	NA	NA
2,4-Dichlorophenol	160	NA	NA	NA	NA	NA
2,4-Dimethylphenol	1,100	NA	NA	NA	NA	NA
2,4-Dinitrophenol	110	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	110	NA	NA	NA	NA	NA
2,6-Dichlorophenol	160	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	55	NA	NA	NA	NA	NA
2-Acetylaminofluorene	0.56	NA	NA	NA	NA	NA
2-Chloronaphthalene	3,700	NA	NA	NA	NA	NA
2-Chlorophenol	59	NA	NA	NA	NA	NA
2-Methylnaphthalene	55	NA	NA	NA	NA	NA
2-Methylphenol	2,700	NA	NA	NA	NA	NA
2-Naphthylamine	Not Listed	NA	NA	NA	NA	NA
2-Nitroaniline	3.3	NA	NA	NA	NA	NA
2-Nitrophenol	Not Listed	NA	NA	NA	NA	NA
2-Picoline	55	NA	NA	NA	NA	NA
3&4-Methylphenol	270	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	0.99	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	0.048	NA	NA	NA	NA	NA
3-Methylcholanthrene	0.056	NA	NA	NA	NA	NA
3-Nitroaniline	5.5	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	55	NA	NA	NA	NA	NA
4-Aminobiphenyl	1,400	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether	160	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	2,700	NA	NA	NA	NA	NA
4-Chloroaniline	220	NA	NA	NA	NA	NA
4-Chlorobenzilate	1.6	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	Not Listed	NA	NA	NA	NA	NA
4-Nitroaniline	5.5	NA	NA	NA	NA	NA
4-Nitrophenol	3,400	NA	NA	NA	NA	NA
4-Nitroquinoline-1-oxide	110	NA	NA	NA	NA	NA
4-Phenylenediamine	10,000	NA	NA	NA	NA	NA
5-Nitro-o-toluidine	13	NA	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	0.056	NA	NA	NA	NA	NA
a,a'-Dimethylphenethylamine	55	NA	NA	NA	NA	NA
Acenaphthene	2,600	NA	NA	NA	NA	NA
Acenaphthylene	55	NA	NA	NA	NA	NA
Acetophenone	0.49	NA	NA	NA	NA	NA
Aniline	78	NA	NA	NA	NA	NA
Anthracene	14,000	NA	NA	NA	NA	NA
Aramite	18	NA	NA	NA	NA	NA
Benzidine	0.0019	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.56	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.056	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.56	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	55	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	5.6	NA	NA	NA	NA	NA
Benzyl Alcohol	16,000	NA	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type:		PDI	PDI	PDI	PDI	PDI
Location ID:	EPA Region 9	I9-9-1-SB-6-S	I9-9-1-SB-6-S	I9-9-1-SB-6-SS	I9-9-1-SB-6-SS	I9-9-1-SB-6-SS
Sample ID:	Residential	I9-9-1-SB-6-S	I9-9-1-SB-6-S	I9-9-1-SB-6-SS	I9-9-1-SB-6-SS	I9-9-1-SB-6-SS
Sample Depth(Feet):	PRGs	7-9	9-11	1-3	3-5	5-7
Date Collected:		06/06/06	06/06/06	06/06/06	06/06/06	06/06/06
Parameter						
Semivolatile Organics (continued)						
bis(2-Chloroethoxy)methane	Not Listed	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	0.18	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	2.5	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	32	NA	NA	NA	NA	NA
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
Chrysene	56	NA	NA	NA	NA	NA
Diallate	7.3	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.056	NA	NA	NA	NA	NA
Dibenzofuran	210	NA	NA	NA	NA	NA
Diethylphthalate	44,000	NA	NA	NA	NA	NA
Dimethylphthalate	100,000	NA	NA	NA	NA	NA
Di-n-Butylphthalate	5,500	NA	NA	NA	NA	NA
Di-n-Octylphthalate	1,100	NA	NA	NA	NA	NA
Dinoseb	55	NA	NA	NA	NA	NA
Diphenylamine	1,400	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	Not Listed	NA	NA	NA	NA	NA
Fluoranthene	2,000	NA	NA	NA	NA	NA
Fluorene	1,800	NA	NA	NA	NA	NA
Hexachlorobenzene	0.28	NA	NA	NA	NA	NA
Hexachlorobutadiene	5.7	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	380	NA	NA	NA	NA	NA
Hexachloroethane	32	NA	NA	NA	NA	NA
Hexachlorophene	16	NA	NA	NA	NA	NA
Hexachloropropene	Not Listed	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.56	NA	NA	NA	NA	NA
Isodrin	Not Listed	NA	NA	NA	NA	NA
Isophorone	470	NA	NA	NA	NA	NA
Isosafrole	Not Listed	NA	NA	NA	NA	NA
Methapyrilene	55	NA	NA	NA	NA	NA
Methyl Methanesulfonate	Not Listed	NA	NA	NA	NA	NA
Naphthalene	55	NA	NA	NA	NA	NA
Nitrobenzene	16	NA	NA	NA	NA	NA
N-Nitrosodiethylamine	0.003	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	0.0087	NA	NA	NA	NA	NA
N-Nitroso-di-n-butylamine	0.022	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	0.063	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	91	NA	NA	NA	NA	NA
N-Nitrosomethylethylamine	0.02	NA	NA	NA	NA	NA
N-Nitrosomorpholine	0.21	NA	NA	NA	NA	NA
N-Nitrosopiperidine	0.21	NA	NA	NA	NA	NA
N-Nitrosopyrrolidine	0.21	NA	NA	NA	NA	NA
o,o,o-Triethylphosphorothioate	11	NA	NA	NA	NA	NA
o-Toluidine	1.9	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene	0.99	NA	NA	NA	NA	NA
Pentachlorobenzene	44	NA	NA	NA	NA	NA
Pentachloroethane	2.8	NA	NA	NA	NA	NA
Pentachloronitrobenzene	1.7	NA	NA	NA	NA	NA
Pentachlorophenol	2.5	NA	NA	NA	NA	NA
Phenacetin	640	NA	NA	NA	NA	NA
Phenanthrene	55	NA	NA	NA	NA	NA
Phenol	33,000	NA	NA	NA	NA	NA
Pronamide	4,100	NA	NA	NA	NA	NA
Pyrene	1,500	NA	NA	NA	NA	NA
Pyridine	55	NA	NA	NA	NA	NA
Safrole	Not Listed	NA	NA	NA	NA	NA
Thionazin	330	NA	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type:	Location ID:	PDI	PDI	PDI	PDI	PDI
Sample ID:	EPA Region 9	I9-9-1-SB-6-S	I9-9-1-SB-6-S	I9-9-1-SB-6-SS	I9-9-1-SB-6-SS	I9-9-1-SB-6-SS
Sample Depth(Feet):	Residential	7-9	9-11	1-3	3-5	5-7
Date Collected:	PRGs	06/06/06	06/06/06	06/06/06	06/06/06	06/06/06
Parameter						
Furans						
2,3,7,8-TCDF	Not Applicable	NA	NA	NA	NA	NA
TCDFs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	NA	NA	NA	NA	NA
PeCDFs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA	NA
HxCDFs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	NA	NA	NA	NA
HpCDFs (total)	Not Applicable	NA	NA	NA	NA	NA
OCDF	Not Applicable	NA	NA	NA	NA	NA
Dioxins						
2,3,7,8-TCDD	Not Applicable	NA	NA	NA	NA	NA
TCDDs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	NA	NA	NA	NA	NA
PeCDDs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	NA	NA	NA	NA	NA
HxCDDs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	NA	NA	NA	NA
HpCDDs (total)	Not Applicable	NA	NA	NA	NA	NA
OCDD	Not Applicable	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	NA	NA	NA	NA	NA
Inorganics						
Antimony	30	NA	NA	NA	NA	NA
Arsenic	0.38	10.9 J	NA	NA	NA	NA
Barium	5,200	NA	NA	NA	NA	NA
Beryllium	150	NA	NA	NA	NA	NA
Cadmium	37	NA	NA	NA	NA	NA
Chromium	210	NA	NA	NA	NA	NA
Cobalt	3,300	NA	NA	NA	NA	NA
Copper	2,800	NA	NA	NA	NA	NA
Lead	400	268	12.4	22700	1000	1.32 J
Mercury	22	NA	NA	NA	NA	NA
Nickel	1,500	NA	NA	NA	NA	NA
Selenium	370	NA	NA	NA	NA	NA
Silver	370	NA	NA	NA	NA	NA
Thallium	6	NA	NA	NA	NA	NA
Tin	45,000	NA	NA	NA	NA	NA
Vanadium	520	NA	NA	NA	NA	NA
Zinc	22,000	NA	NA	NA	NA	NA
Cyanide	11	NA	NA	NA	NA	NA
Sulfide	350	NA	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-1-SB-6-SS I9-9-1-SB-6-SS 7-9 06/06/06	PDI I9-9-1-SB-6-SS I9-9-1-SB-6-SS 9-11 06/06/06	PDI I9-10-8-SB-18 I9-10-8-SB-18 0-1 05/14/08
Parameter				
Volatile Organics				
1,1,1,2-Tetrachloroethane	2.8	NA	NA	NA
1,1,1-Trichloroethane	680	NA	NA	NA
1,1,2,2-Tetrachloroethane	0.36	NA	NA	NA
1,1,2-Trichloroethane	0.82	NA	NA	NA
1,1-Dichloroethane	570	NA	NA	NA
1,1-Dichloroethene	0.052	NA	NA	NA
1,2,3-Trichloropropane	0.0014	NA	NA	NA
1,2-Dibromo-3-chloropropane	0.32	NA	NA	NA
1,2-Dibromoethane	0.0049	NA	NA	NA
1,2-Dichloroethane	0.34	NA	NA	NA
1,2-Dichloropropane	0.34	NA	NA	NA
1,4-Dioxane	40	NA	NA	NA
2-Butanone	6,900	NA	NA	NA
2-Chloro-1,3-butadiene	3.6	NA	NA	NA
2-Chloroethylvinylether	0.18	NA	NA	NA
2-Hexanone	750	NA	NA	NA
3-Chloropropene	2,700	NA	NA	NA
4-Methyl-2-pentanone	750	NA	NA	NA
Acetone	1,400	NA	NA	NA
Acetonitrile	200	NA	NA	NA
Acrolein	0.1	NA	NA	NA
Acrylonitrile	0.19	NA	NA	NA
Benzene	0.62	NA	NA	NA
Bromodichloromethane	0.98	NA	NA	NA
Bromoform	56	NA	NA	NA
Bromomethane	3.8	NA	NA	NA
Carbon Disulfide	350	NA	NA	NA
Carbon Tetrachloride	0.23	NA	NA	NA
Chlorobenzene	54	NA	NA	NA
Chloroethane	1,600	NA	NA	NA
Chloroform	0.24	NA	NA	NA
Chloromethane	1.2	NA	NA	NA
cis-1,3-Dichloropropene	Not Listed	NA	NA	NA
Dibromochloromethane	5.3	NA	NA	NA
Dibromomethane	550	NA	NA	NA
Dichlorodifluoromethane	94	NA	NA	NA
Ethyl Methacrylate	140	NA	NA	NA
Ethylbenzene	230	NA	NA	NA
Iodomethane	1.2	NA	NA	NA
Isobutanol	10,000	NA	NA	NA
Methacrylonitrile	1.8	NA	NA	NA
Methyl Methacrylate	2,200	NA	NA	NA
Methylene Chloride	8.5	NA	NA	NA
Propionitrile	200	NA	NA	NA
Styrene	1,700	NA	NA	NA
Tetrachloroethene	4.7	NA	NA	NA
Toluene	520	NA	NA	NA
trans-1,2-Dichloroethene	62	NA	NA	NA
trans-1,3-Dichloropropene	Not Listed	NA	NA	NA
trans-1,4-Dichloro-2-butene	Not Listed	NA	NA	NA
Trichloroethene	2.7	NA	NA	NA
Trichlorofluoromethane	380	NA	NA	NA
Vinyl Acetate	420	NA	NA	NA
Vinyl Chloride	0.021	NA	NA	NA
Xylenes (total)	210	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-1-SB-6-SS I9-9-1-SB-6-SS 7-9 06/06/06	PDI I9-9-1-SB-6-SS I9-9-1-SB-6-SS 9-11 06/06/06	PDI I9-10-8-SB-18 I9-10-8-SB-18 0-1 05/14/08
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	16	NA	NA	NA
1,2,4-Trichlorobenzene	480	NA	NA	NA
1,2-Dichlorobenzene	370	NA	NA	NA
1,2-Diphenylhydrazine	0.56	NA	NA	NA
1,3,5-Trinitrobenzene	1,600	NA	NA	NA
1,3-Dichlorobenzene	41	NA	NA	NA
1,3-Dinitrobenzene	5.5	NA	NA	NA
1,4-Dichlorobenzene	3	NA	NA	NA
1,4-Naphthoquinone	55	NA	NA	NA
1-Naphthylamine	Not Listed	NA	NA	NA
2,3,4,6-Tetrachlorophenol	1,600	NA	NA	NA
2,4,5-Trichlorophenol	5,500	NA	NA	NA
2,4,6-Trichlorophenol	40	NA	NA	NA
2,4-Dichlorophenol	160	NA	NA	NA
2,4-Dimethylphenol	1,100	NA	NA	NA
2,4-Dinitrophenol	110	NA	NA	NA
2,4-Dinitrotoluene	110	NA	NA	NA
2,6-Dichlorophenol	160	NA	NA	NA
2,6-Dinitrotoluene	55	NA	NA	NA
2-Acetylaminofluorene	0.56	NA	NA	NA
2-Chloronaphthalene	3,700	NA	NA	NA
2-Chlorophenol	59	NA	NA	NA
2-Methylnaphthalene	55	NA	NA	NA
2-Methylphenol	2,700	NA	NA	NA
2-Naphthylamine	Not Listed	NA	NA	NA
2-Nitroaniline	3.3	NA	NA	NA
2-Nitrophenol	Not Listed	NA	NA	NA
2-Picoline	55	NA	NA	NA
3&4-Methylphenol	270	NA	NA	NA
3,3'-Dichlorobenzidine	0.99	NA	NA	NA
3,3'-Dimethylbenzidine	0.048	NA	NA	NA
3-Methylcholanthrene	0.056	NA	NA	NA
3-Nitroaniline	5.5	NA	NA	NA
4,6-Dinitro-2-methylphenol	55	NA	NA	NA
4-Aminobiphenyl	1,400	NA	NA	NA
4-Bromophenyl-phenylether	160	NA	NA	NA
4-Chloro-3-Methylphenol	2,700	NA	NA	NA
4-Chloroaniline	220	NA	NA	NA
4-Chlorobenzilate	1.6	NA	NA	NA
4-Chlorophenyl-phenylether	Not Listed	NA	NA	NA
4-Nitroaniline	5.5	NA	NA	NA
4-Nitrophenol	3,400	NA	NA	NA
4-Nitroquinoline-1-oxide	110	NA	NA	NA
4-Phenylenediamine	10,000	NA	NA	NA
5-Nitro-o-toluidine	13	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	0.056	NA	NA	NA
a,a'-Dimethylphenethylamine	55	NA	NA	NA
Acenaphthene	2,600	NA	NA	NA
Acenaphthylene	55	NA	NA	NA
Acetophenone	0.49	NA	NA	NA
Aniline	78	NA	NA	NA
Anthracene	14,000	NA	NA	NA
Aramite	18	NA	NA	NA
Benzidine	0.0019	NA	NA	NA
Benzo(a)anthracene	0.56	NA	NA	NA
Benzo(a)pyrene	0.056	NA	NA	NA
Benzo(b)fluoranthene	0.56	NA	NA	NA
Benzo(g,h,i)perylene	55	NA	NA	NA
Benzo(k)fluoranthene	5.6	NA	NA	NA
Benzyl Alcohol	16,000	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-1-SB-6-SS I9-9-1-SB-6-SS 7-9 06/06/06	PDI I9-9-1-SB-6-SS I9-9-1-SB-6-SS 9-11 06/06/06	PDI I9-10-8-SB-18 I9-10-8-SB-18 0-1 05/14/08
Semivolatile Organics (continued)				
bis(2-Chloroethoxy)methane	Not Listed	NA	NA	NA
bis(2-Chloroethyl)ether	0.18	NA	NA	NA
bis(2-Chloroisopropyl)ether	2.5	NA	NA	NA
bis(2-Ethylhexyl)phthalate	32	NA	NA	NA
Butylbenzylphthalate	930	NA	NA	NA
Chrysene	56	NA	NA	NA
Diallate	7.3	NA	NA	NA
Dibenzo(a,h)anthracene	0.056	NA	NA	NA
Dibenzofuran	210	NA	NA	NA
Diethylphthalate	44,000	NA	NA	NA
Dimethylphthalate	100,000	NA	NA	NA
Di-n-Butylphthalate	5,500	NA	NA	NA
Di-n-Octylphthalate	1,100	NA	NA	NA
Dinoseb	55	NA	NA	NA
Diphenylamine	1,400	NA	NA	NA
Ethyl Methanesulfonate	Not Listed	NA	NA	NA
Fluoranthene	2,000	NA	NA	NA
Fluorene	1,800	NA	NA	NA
Hexachlorobenzene	0.28	NA	NA	NA
Hexachlorobutadiene	5.7	NA	NA	NA
Hexachlorocyclopentadiene	380	NA	NA	NA
Hexachloroethane	32	NA	NA	NA
Hexachlorophene	16	NA	NA	NA
Hexachloropropene	Not Listed	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.56	NA	NA	NA
Isodrin	Not Listed	NA	NA	NA
Isophorone	470	NA	NA	NA
Isosafrole	Not Listed	NA	NA	NA
Methapyrilene	55	NA	NA	NA
Methyl Methanesulfonate	Not Listed	NA	NA	NA
Naphthalene	55	NA	NA	NA
Nitrobenzene	16	NA	NA	NA
N-Nitrosodiethylamine	0.003	NA	NA	NA
N-Nitrosodimethylamine	0.0087	NA	NA	NA
N-Nitroso-di-n-butylamine	0.022	NA	NA	NA
N-Nitroso-di-n-propylamine	0.063	NA	NA	NA
N-Nitrosodiphenylamine	91	NA	NA	NA
N-Nitrosomethylethylamine	0.02	NA	NA	NA
N-Nitrosomorpholine	0.21	NA	NA	NA
N-Nitrosopiperidine	0.21	NA	NA	NA
N-Nitrosopyrrolidine	0.21	NA	NA	NA
o,o,o-Triethylphosphorothioate	11	NA	NA	NA
o-Toluidine	1.9	NA	NA	NA
p-Dimethylaminoazobenzene	0.99	NA	NA	NA
Pentachlorobenzene	44	NA	NA	NA
Pentachloroethane	2.8	NA	NA	NA
Pentachloronitrobenzene	1.7	NA	NA	NA
Pentachlorophenol	2.5	NA	NA	NA
Phenacetin	640	NA	NA	NA
Phenanthrene	55	NA	NA	NA
Phenol	33,000	NA	NA	NA
Pronamide	4,100	NA	NA	NA
Pyrene	1,500	NA	NA	NA
Pyridine	55	NA	NA	NA
Safrole	Not Listed	NA	NA	NA
Thionazin	330	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-1-SB-6-SS I9-9-1-SB-6-SS 7-9 06/06/06	PDI I9-9-1-SB-6-SS I9-9-1-SB-6-SS 9-11 06/06/06	PDI I9-10-8-SB-18 I9-10-8-SB-18 0-1 05/14/08
Furans				
2,3,7,8-TCDF	Not Applicable	NA	NA	NA
TCDFs (total)	Not Applicable	NA	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	NA	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	NA	NA	NA
PeCDFs (total)	Not Applicable	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	NA	NA	NA
HxCDFs (total)	Not Applicable	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	NA	NA
HpCDFs (total)	Not Applicable	NA	NA	NA
OCDF	Not Applicable	NA	NA	NA
Dioxins				
2,3,7,8-TCDD	Not Applicable	NA	NA	NA
TCDDs (total)	Not Applicable	NA	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	NA	NA	NA
PeCDDs (total)	Not Applicable	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	NA	NA	NA
HxCDDs (total)	Not Applicable	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	NA	NA
HpCDDs (total)	Not Applicable	NA	NA	NA
OCDD	Not Applicable	NA	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	NA	NA	NA
Inorganics				
Antimony	30	NA	NA	NA
Arsenic	0.38	NA	NA	NA
Barium	5,200	NA	NA	NA
Beryllium	150	NA	NA	NA
Cadmium	37	NA	NA	NA
Chromium	210	NA	NA	NA
Cobalt	3,300	NA	NA	NA
Copper	2,800	NA	NA	NA
Lead	400	42.2	64.8	1060
Mercury	22	NA	NA	NA
Nickel	1,500	NA	NA	NA
Selenium	370	NA	NA	NA
Silver	370	NA	NA	NA
Thallium	6	NA	NA	NA
Tin	45,000	NA	NA	NA
Vanadium	520	NA	NA	NA
Zinc	22,000	NA	NA	NA
Cyanide	11	NA	NA	NA
Sulfide	350	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Data Types: PDI = GE Pre-Design Investigation soil sampling; Historical = GE Historical soil sampling.
3. PDI Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS (approved March 15, 2007 and re-submitted March 30, 2007).
NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
6. Shaded data indicates results from samples collected at a depth below the depth proposed for use in the evaluations of this area based on the review of the PCB data (designated as the "X" depth). The data for these samples were considered in the screening table (Table E-2), but are not included in the subsequent evaluation tables (Tables E-4 and E-6). This was a conservative approach because the constituent concentrations in the samples collected from below the "X" depth are lower than the applicable comparison criteria specified in the evaluation tables.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- B - Analyte was also detected in the associated method blank.
- J - Estimated Value.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- 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 - Estimated Value.

TABLE E-2
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
PARCEL I9-9-1 (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Analytical Parameter	Maximum Detect	USEPA EPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
2-Butanone	0.029	6,900	No
Acetone	0.16	1,400	No
Isobutanol	0.23	10,000	No
Toluene	0.0031	520	No
Semivolatile Organics			
Acenaphthylene	0.26	55*	No
Acetophenone	0.14	0.49	No
Aniline	0.45	78	No
Anthracene	0.27	14,000	No
Benzo(a)anthracene	0.71	0.56	Yes
Benzo(a)pyrene	0.93	0.056	Yes
Benzo(b)fluoranthene	0.91	0.56	Yes
Benzo(g,h,i)perylene	0.31	55*	No
Benzo(k)fluoranthene	1.1	5.6	No
bis(2-Ethylhexyl)phthalate	0.15	32	No
Chrysene	0.85	56	No
Dibenzo(a,h)anthracene	0.27	0.056	Yes
Di-n-Butylphthalate	0.31	5,500	No
Fluoranthene	1.2	2,000	No
Fluorene	0.13	1,800	No
Indeno(1,2,3-cd)pyrene	0.46	0.56	No
Naphthalene	0.094	55*	No
Phenanthrene	0.88	55*	No
Phenol	0.25	33,000	No
Pyrene	1.4	1,500	No
Inorganics			
Antimony	27	30	No
Arsenic	59	0.38	Yes
Barium	960	5,200	No
Beryllium	0.55	150	No
Cadmium	7.1	37	No
Chromium	120	210	No
Cobalt	16	3,300	No
Copper	260	2,800	No
Cyanide	1.8	11*	No
Lead	22,700	400	Yes
Mercury	5.3	22	No
Nickel	77	1,500	No
Selenium	17	370	No
Silver	2.3	370	No
Sulfide	6,000	350*	Yes
Thallium	17	6	Yes
Tin	5,100	45,000	No
Vanadium	32.5	520	No
Zinc	3,400	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding

TABLE E-3
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-1: 0- TO 1-FOOT DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	SLB-8BB 0-0.5 02/23/95	I9-9-1-SB-1 0-1 06/18/03	I9-9-1-SB-3 0-1 06/17/03	I9-9-1-SB-5 0-1 06/17/03	I9-9-1-SB-5-N-SW 0-1 05/14/08	I9-10-8-SB-18 0-1 05/14/08	COMP-I9-9-1-SB-5 0-1 (See Note 2)
Semivolatile Organics							
Benzo(a)anthracene	0.71	0.18	0.18	0.32	--	--	--
Benzo(a)pyrene	0.93	0.18	0.18	0.32	--	--	--
Benzo(b)fluoranthene	0.91	0.18	0.18	0.32	--	--	--
Dibenzo(a,h)anthracene	0.27	0.18	0.18	0.32	--	--	--
Dioxins/Furans							
Total TEQs (WHO TEFs)	1.80E-05	2.70E-06	1.40E-06	9.70E-05	--	--	--
Inorganics							
Arsenic	9.00	7.80	6.90	12.0	--	--	--
Lead	500	57.0	44.0	2,000	1,080	1060	1,380
Sulfide	805	2.70	2.65	1,300	--	--	--
Thallium	0.500	7.90	0.550	1.50	--	--	--

Sample ID: Sample Depth(Feet): Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 6)	0.35	7	No
Benzo(a)pyrene	N/A (See Note 6)	0.40	2	No
Benzo(b)fluoranthene	N/A (See Note 6)	0.40	7	No
Dibenzo(a,h)anthracene	N/A (See Note 6)	0.24	0.7	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	9.70E-05	N/A (See Note 6)	1.00E-03	No
Inorganics				
Arsenic	N/A (See Note 6)	8.93	20	No
Lead	N/A (See Note 6)	495	300	Yes
Sulfide	N/A (See Note 6)	528	633*	No
Thallium	N/A (See Note 6)	2.61	8	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- The lead result presented for this sample location represents the average result from the following samples (depth; date collected): I9-9-1-SB-5 (0-1'; 6/17/03), I9-9-1-SB-5-N-SW (0-1'; 5/14/08), and I9-10-8-SB-18 (0-1'; 5/14/08).
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- = Not analyzed.

**TABLE E-4
EXISTING CONDITIONS - COMPARISON TO METHOD 1 STANDARDS
PARCEL I9-9-1: 1- TO X-FOOT [X=8] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-1-SB-3 1-3 06/17/03	I9-9-1-SB-5 1-3 06/17/03	I9-9-1-SB-5-N 1-3 10/24/05	I9-9-1-SB-5-S 1-3 10/24/05	I9-9-1-SB-5-N-SW 1-3 05/14/08	I9-9-1-SB-6-S 1-3 06/06/06
Semivolatile Organics						
Benzo(a)anthracene	0.55	0.22	--	--	--	--
Benzo(a)pyrene	0.68	0.29	--	--	--	--
Benzo(b)fluoranthene	0.59	0.29	--	--	--	--
Dibenzo(a,h)anthracene	0.19	0.29	--	--	--	--
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.10E-05	4.10E-05	--	--	--	--
Inorganics						
Arsenic	8.80	16.0	--	--	--	--
Lead	320	1,800	1,600	1,200	379	703
Sulfide	2.80	1,900	--	--	--	--
Thallium	0.550	3.10	--	--	--	--

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-1-SB-6-SS 1-3 06/06/06	I9-10-8-SB-3 1-3 06/13/03	I9-9-9-SB-3-W 1-3 10/26/05	COMP-I9-9-1-SB-5 1-3 (See Note 2)	I9-9-1-SB-1 3-5 06/18/03	I9-9-1-SB-5 3-5 10/24/05
Semivolatile Organics						
Benzo(a)anthracene	--	(See Note 1)	(See Note 1)	--	0.41	--
Benzo(a)pyrene	--	(See Note 1)	(See Note 1)	--	0.42	--
Benzo(b)fluoranthene	--	(See Note 1)	(See Note 1)	--	0.43	--
Dibenzo(a,h)anthracene	--	(See Note 1)	(See Note 1)	--	0.20	--
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	(See Note 1)	(See Note 1)	--	6.20E-06	--
Inorganics						
Arsenic	--	(See Note 1)	(See Note 1)	--	6.80	--
Lead	22,700	40.0	520	3,618	180	16,000
Sulfide	--	28.0	3.30	644	7.60	74.0
Thallium	--	(See Note 1)	(See Note 1)	--	17.0	--

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-1-SB-5-N 3-5 06/06/06	I9-9-1-SB-5-N-SW 3-5 05/14/08	I9-9-1-SB-6-S 3-5 06/06/06	I9-9-1-SB-6-SS 3-5 06/06/06	SLB-1BB 3-5 06/01/06	I9-9-1-SB-1 3-5 06/18/03
Semivolatile Organics						
Benzo(a)anthracene	--	--	--	--	(See Note 1)	--
Benzo(a)pyrene	--	--	--	--	(See Note 1)	--
Benzo(b)fluoranthene	--	--	--	--	(See Note 1)	--
Dibenzo(a,h)anthracene	--	--	--	--	(See Note 1)	--
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	--	--	(See Note 1)	--
Inorganics						
Arsenic	--	--	--	--	(See Note 1)	--
Lead	2,110	153	1,190	1,000	459	180
Sulfide	--	--	--	--	(See Note 1)	--
Thallium	--	--	--	--	(See Note 1)	--

See Notes on Page 3

**TABLE E-4
EXISTING CONDITIONS - COMPARISON TO METHOD 1 STANDARDS
PARCEL I9-9-1: 1- TO X-FOOT [X=8] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	COMP-I9-9-1-SB-5 3-5 (See Note 3)	I9-9-1-SB-5 5-7 06/06/06	I9-9-1-SB-5-N 5-7 06/06/06	I9-9-1-SB-5-S 5-7 06/06/06	I9-9-1-SB-6 5-7 03/08/05	I9-9-1-SB-6-S 5-7 06/06/06
Semivolatile Organics						
Benzo(a)anthracene	--	--	--	--	0.31	--
Benzo(a)pyrene	--	--	--	--	0.40	--
Benzo(b)fluoranthene	--	--	--	--	0.33	--
Dibenzo(a,h)anthracene	--	--	--	--	0.046	--
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	--	--	1.90E-05	--
Inorganics						
Arsenic	--	--	--	--	16.0	--
Lead	3,013	2,460	494	790	640	1,020
Sulfide	--	--	--	--	18.0	--
Thallium	--	--	--	--	0.600	--
Sample ID: Sample Depth(Feet): Date Collected:	I9-9-1-SB-6-SS 5-7 06/06/06	COMP- I9-9-1-SB-5/-SB-6 5-7 (See Note 4)	I9-9-1-SB-5 7-9 06/06/06	I9-9-1-SB-5-S 7-9 06/06/06	I9-9-1-SB-6 7-9 03/08/05	I9-9-1-SB-6-S 7-9 06/06/06
Semivolatile Organics						
Benzo(a)anthracene	--	--	--	--	0.24	--
Benzo(a)pyrene	--	--	--	--	0.26	--
Benzo(b)fluoranthene	--	--	--	--	0.24	--
Dibenzo(a,h)anthracene	--	--	--	--	0.34	--
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	--	--	2.60E-06	--
Inorganics						
Arsenic	--	--	--	7.82	59.0	10.9
Lead	1.32	901	32	584	8,000	268
Sulfide	--	--	--	--	6,000	--
Thallium	--	--	--	--	8.00	--
Sample ID: Sample Depth(Feet): Date Collected:	I9-9-1-SB-6-SS 7-9 06/06/06	COMP- I9-9-1-SB-5/-SB-6 7-9 (See Note 5)	Maximum Sample Result	Arithmetic Average Concentration (See Note 8)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 9)	Constituent Exceeds Comparison Criteria? (See Note 10)
Semivolatile Organics						
Benzo(a)anthracene	--	--	N/A (See Note 6)	0.35	7	No
Benzo(a)pyrene	--	--	N/A (See Note 6)	0.41	2	No
Benzo(b)fluoranthene	--	--	N/A (See Note 6)	0.38	7	No
Dibenzo(a,h)anthracene	--	--	N/A (See Note 6)	0.21	0.7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	4.10E-05	N/A (See Note 6)	1.00E-03	No
Inorganics						
Arsenic	--	25.9	N/A (See Note 6)	14.7	20	No
Lead	42.2	1,785	N/A (See Note 6)	1,640	300	Yes
Sulfide	--	--	N/A (See Note 6)	1,130	633*	Yes
Thallium	--	--	N/A (See Note 6)	5.85	8	No

See Notes on Page 3

TABLE E-4
EXISTING CONDITIONS - COMPARISON TO METHOD 1 STANDARDS
PARCEL I9-9-1: 1- TO X-FOOT [X=8] DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. The lead and sulfide results presented for I9-10-8-SB-3 (1-3') and SLB-1BB (3-5') are used to delineate sample locations I9-9-1-SB-5/-SB-6 to the north, and I9-9-9-SB-3-W (1-3') is used to delineate these samples to the south. The Total TEQs, SVOCs, and remaining inorganic results are not presented herein as these results are included in the evaluations of Parcels I9-10-8 and I9-9-9, respectively.
2. The lead result presented for this sample location represents the average result from the following samples (depth; date collected): I9-9-1-SB-5 (1-3'; 6/17/03), I9-9-1-SB-5-N (1-3'; 10/24/05), I9-9-1-SB-5-S (1-3'; 10/24/05), I9-9-1-SB-5-N-SW (1-3'; 5/14/08), I9-9-1-SB-6-S (1-3'; 6/6/06), I9-9-1-SB-6-SS (1-3'; 6/6/06), I9-10-8-SB-3 (1-3'; 6/13/03), and I9-9-9-SB-3-W (1-3'; 10/26/03).
The sulfide result presented for this sample location represents the average result from the following samples (depth; date collected): I9-9-1-SB-5 (1-3'; 6/17/03), I9-10-8-SB-3 (1-3'; 6/13/03), and I9-9-9-SB-3-W (1-3'; 10/26/03).
3. The lead result presented for this sample location represents the average result from the following samples (depth; date collected): I9-9-1-SB-5 (3-5'; 10/24/05), I9-9-1-SB-5-N (3-5'; 6/6/06), I9-9-1-SB-5-N-SW (3-5'; 5/14/08), I9-9-1-SB-6-S (3-5'; 6/6/06), I9-9-1-SB-6-SS (3-5'; 6/6/06), SLB-1BB (3-5'; 6/1/06), and I9-9-1-SB-1 (3-5'; 6/18/03).
4. The lead result presented for this sample location represents the average result from the following samples (depth; date collected): I9-9-1-SB-5 (5-7'; 6/17/03), I9-9-1-SB-5-N (5-7'; 10/24/05), I9-9-1-SB-5-S (5-7'; 10/24/05), I9-9-1-SB-6 (5-7'; 3/8/05), I9-9-1-SB-6-S (5-7'; 6/6/06), and I9-9-1-SB-6-SS (5-7'; 6/6/06).
5. The lead result presented for this sample location represents the average result from the following samples (depth; date collected): I9-9-1-SB-5 (7-9'; 6/6/06), I9-9-1-SB-5-S (7-9'; 6/6/06), I9-9-1-SB-6 (7-9'; 3/8/05), I9-9-1-SB-6-S (7-9'; 6/6/06), and I9-9-1-SB-6-SS (7-9'; 6/6/06).
The arsenic result presented for this sample location represents the average result from the following samples (depth; date collected): I9-9-1-SB-5-S (7-9'; 6/6/06), I9-9-1-SB-6 (7-9'; 3/8/05), and I9-9-1-SB-6-S (7-9'; 6/6/06).
6. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
7. With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
8. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
9. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
10. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
11. -- = Not analyzed.
12. * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

**TABLE E-5
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-1: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	SLB-8BB 0-0.5 02/23/95	I9-9-1-SB-1 0-1 06/18/03	I9-9-1-SB-3 0-1 06/17/03	I9-9-1-SB-5 0-1 06/17/03	I9-9-1-SB-5-N-SW 0-1 05/14/08	I9-10-8-SB-18 0-1 05/14/08	COMP-I9-9-1-SB-5 0-1 (See Note 2)
Semivolatile Organics							
Benzo(a)anthracene	0.71	0.18	0.18	0.32	--	--	--
Benzo(a)pyrene	0.93	0.18	0.18	0.32	--	--	--
Benzo(b)fluoranthene	0.91	0.18	0.18	0.32	--	--	--
Dibenzo(a,h)anthracene	0.27	0.18	0.18	0.32	--	--	--
Dioxins/Furans							
Total TEQs (WHO TEFs)	1.80E-05	2.70E-06	1.40E-06	9.70E-05	--	--	--
Inorganics							
Arsenic	9.00	7.80	6.90	12.0	--	--	--
Lead	500	57.0	44.0	6.24	6.24	1060	357
Sulfide	805	2.70	2.65	1,300	--	--	--
Thallium	0.500	7.90	0.550	1.50	--	--	--

Sample ID: Sample Depth(Feet): Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 6)	0.35	7	No
Benzo(a)pyrene	N/A (See Note 6)	0.40	2	No
Benzo(b)fluoranthene	N/A (See Note 6)	0.40	7	No
Dibenzo(a,h)anthracene	N/A (See Note 6)	0.24	0.7	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	9.70E-05	N/A (See Note 6)	1.00E-03	No
Inorganics				
Arsenic	N/A (See Note 6)	8.93	20	No
Lead	N/A (See Note 6)	240	300	No
Sulfide	N/A (See Note 6)	528	633*	No
Thallium	N/A (See Note 6)	2.61	8	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- The lead result presented for this sample location represents the average result from the following samples (depth; date collected): I9-9-1-SB-5 (0-1'; 6/17/03), I9-9-1-SB-5-N-SW (0-1'; 5/14/08), and I9-10-8-SB-18 (0-1'; 5/14/08).
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.
- = Not analyzed.

**TABLE E-6
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-1: 1- TO X-FOOT [X=8] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-1-SB-3 1-3 06/17/03	I9-9-1-SB-5 1-3 06/17/03	I9-9-1-SB-5-N 1-3 10/24/05	I9-9-1-SB-5-S 1-3 10/24/05	I9-9-1-SB-5-N-SW 1-3 05/14/08	I9-9-1-SB-6-S 1-3 06/06/06
Semivolatile Organics						
Benzo(a)anthracene	0.55	0.22	--	--	--	--
Benzo(a)pyrene	0.68	0.29	--	--	--	--
Benzo(b)fluoranthene	0.59	0.29	--	--	--	--
Dibenzo(a,h)anthracene	0.19	0.29	--	--	--	--
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.10E-05	4.10E-05	--	--	--	--
Inorganics						
Arsenic	8.80	16.0	--	--	--	--
Lead	320	6.24	6.24	6.24	379	6.24
Sulfide	2.80	42.9	--	--	--	--
Thallium	0.550	3.10	--	--	--	--

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-1-SB-6-SS 1-3 06/06/06	I9-10-8-SB-3 1-3 06/13/03	I9-9-9-SB-3-W 1-3 10/26/05	COMP-I9-9-1-SB-5 1-3 (See Note 2)	I9-9-1-SB-1 3-5 06/18/03	I9-9-1-SB-5 3-5 10/24/05
Semivolatile Organics						
Benzo(a)anthracene	--	(See Note 1)	(See Note 1)	--	0.41	--
Benzo(a)pyrene	--	(See Note 1)	(See Note 1)	--	0.42	--
Benzo(b)fluoranthene	--	(See Note 1)	(See Note 1)	--	0.43	--
Dibenzo(a,h)anthracene	--	(See Note 1)	(See Note 1)	--	0.20	--
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	(See Note 1)	(See Note 1)	--	6.20E-06	--
Inorganics						
Arsenic	--	(See Note 1)	(See Note 1)	--	6.80	--
Lead	6.24	40.0	520	121	180	6.24
Sulfide	--	28.0	3.30	25	7.60	74.0
Thallium	--	(See Note 1)	(See Note 1)	--	17.0	--

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-1-SB-5-N 3-5 06/06/06	I9-9-1-SB-5-N-SW 3-5 05/14/08	I9-9-1-SB-6-S 3-5 06/06/06	I9-9-1-SB-6-SS 3-5 06/06/06	SLB-1BB 3-5 06/01/06	I9-9-1-SB-1 3-5 06/18/03
Semivolatile Organics						
Benzo(a)anthracene	--	--	--	--	(See Note 1)	--
Benzo(a)pyrene	--	--	--	--	(See Note 1)	--
Benzo(b)fluoranthene	--	--	--	--	(See Note 1)	--
Dibenzo(a,h)anthracene	--	--	--	--	(See Note 1)	--
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	--	--	(See Note 1)	--
Inorganics						
Arsenic	--	--	--	--	(See Note 1)	--
Lead	6.24	153	6.24	6.24	459	180
Sulfide	--	--	--	--	(See Note 1)	--
Thallium	--	--	--	--	(See Note 1)	--

See Notes on Page 3

**TABLE E-6
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-1: 1- TO X-FOOT [X=8] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	COMP-I9-9-1-SB-5 3-5 (See Note 3)	I9-9-1-SB-5 5-7 06/06/06	I9-9-1-SB-5-N 5-7 06/06/06	I9-9-1-SB-5-S 5-7 06/06/06	I9-9-1-SB-6 5-7 03/08/05	I9-9-1-SB-6-S 5-7 06/06/06
Semivolatile Organics						
Benzo(a)anthracene	--	--	--	--	0.31	--
Benzo(a)pyrene	--	--	--	--	0.40	--
Benzo(b)fluoranthene	--	--	--	--	0.33	--
Dibenzo(a,h)anthracene	--	--	--	--	0.046	--
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	--	--	1.90E-05	--
Inorganics						
Arsenic	--	--	--	--	16.0	--
Lead	117	6.24	494	6.24	6.24	6.24
Sulfide	--	--	--	--	18.0	--
Thallium	--	--	--	--	0.600	--
Sample ID: Sample Depth(Feet): Date Collected:	I9-9-1-SB-6-SS 5-7 06/06/06	COMP- I9-9-1-SB-5/-SB-6 5-7 (See Note 4)	I9-9-1-SB-5 7-9 06/06/06	I9-9-1-SB-5-S 7-9 06/06/06	I9-9-1-SB-6 7-9 03/08/05	I9-9-1-SB-6-S 7-9 06/06/06
Semivolatile Organics						
Benzo(a)anthracene	--	--	--	--	0.24	--
Benzo(a)pyrene	--	--	--	--	0.26	--
Benzo(b)fluoranthene	--	--	--	--	0.24	--
Dibenzo(a,h)anthracene	--	--	--	--	0.34	--
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	--	--	2.60E-06	--
Inorganics						
Arsenic	--	--	--	7.82	6.53	10.9
Lead	1.32	87	32	6.24	6.24	6.24
Sulfide	--	--	--	--	6,000	--
Thallium	--	--	--	--	8.00	--
Sample ID: Sample Depth(Feet): Date Collected:	I9-9-1-SB-6-SS 7-9 06/06/06	COMP- I9-9-1-SB-5/-SB-6 7-9 (See Note 5)	Maximum Sample Result	Arithmetic Average Concentration (See Note 8)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 9)	Constituent Exceeds Comparison Criteria? (See Note 10)
Semivolatile Organics						
Benzo(a)anthracene	--	--	N/A (See Note 6)	0.35	7	No
Benzo(a)pyrene	--	--	N/A (See Note 6)	0.41	2	No
Benzo(b)fluoranthene	--	--	N/A (See Note 6)	0.38	7	No
Dibenzo(a,h)anthracene	--	--	N/A (See Note 6)	0.21	0.7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	4.10E-05	N/A (See Note 6)	1.00E-03	No
Inorganics						
Arsenic	--	8.4	N/A (See Note 6)	11.2	20	No
Lead	42.2	19	N/A (See Note 6)	141	300	No
Sulfide	--	--	N/A (See Note 6)	1,021	633*	(See Note 14)
Thallium	--	--	N/A (See Note 6)	5.85	8	No

See Notes on Page 3

TABLE E-6
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-1: 1- TO X-FOOT [X=8] DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. The lead and sulfide results presented for I9-10-8-SB-3 (1-3') and SLB-1BB (3-5') are used to delineate sample locations I9-9-1-SB-5/-SB-6 to the north, and I9-9-9-SB-3-W (1-3') is used to delineate these samples to the south. The Total TEQs, SVOCs, and remaining inorganic results are not presented herein as these results are included in the evaluations of Parcels I9-10-8 and I9-9-9, respectively.
2. The lead result presented for this sample location represents the average result from the following samples (depth; date collected): I9-9-1-SB-5 (1-3'; 6/17/03), I9-9-1-SB-5-N (1-3'; 10/24/05), I9-9-1-SB-5-S (1-3'; 10/24/05), I9-9-1-SB-5-N-SW (1-3'; 5/14/08), I9-9-1-SB-6-S (1-3'; 6/6/06), I9-9-1-SB-6-SS (1-3'; 6/6/06), I9-10-8-SB-3 (1-3'; 6/13/03), and I9-9-9-SB-3-W (1-3'; 10/26/03).
The sulfide result presented for this sample location represents the average result from the following samples (depth; date collected): I9-9-1-SB-5 (1-3'; 6/17/03), I9-10-8-SB-3 (1-3'; 6/13/03), and I9-9-9-SB-3-W (1-3'; 10/26/03).
3. The lead result presented for this sample location represents the average result from the following samples (depth; date collected): I9-9-1-SB-5 (3-5'; 10/24/05), I9-9-1-SB-5-N (3-5'; 6/6/06), I9-9-1-SB-5-N-SW (3-5'; 5/14/08), I9-9-1-SB-6-S (3-5'; 6/6/06), I9-9-1-SB-6-SS (3-5'; 6/6/06), SLB-1BB (3-5'; 6/1/06), and I9-9-1-SB-1 (3-5'; 6/18/03).
4. The lead result presented for this sample location represents the average result from the following samples (depth; date collected): I9-9-1-SB-5 (5-7'; 6/17/03), I9-9-1-SB-5-N (5-7'; 10/24/05), I9-9-1-SB-5-S (5-7'; 10/24/05), I9-9-1-SB-6 (5-7'; 3/8/05), I9-9-1-SB-6-S (5-7'; 6/6/06), and I9-9-1-SB-6-SS (5-7'; 6/6/06).
5. The lead result presented for this sample location represents the average result from the following samples (depth; date collected): I9-9-1-SB-5 (7-9'; 6/6/06), I9-9-1-SB-5-S (7-9'; 6/6/06), I9-9-1-SB-6 (7-9'; 3/8/05), I9-9-1-SB-6-S (7-9'; 6/6/06), and I9-9-1-SB-6-SS (7-9'; 6/6/06).
The arsenic result presented for this sample location represents the average result from the following samples (depth; date collected): I9-9-1-SB-5-S (7-9'; 6/6/06), I9-9-1-SB-6 (7-9'; 3/8/05), and I9-9-1-SB-6-S (7-9'; 6/6/06).
6. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
7. With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
8. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
9. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
10. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
11. -- = Not analyzed.
12. * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
13. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.
14. As presented in GE's April 4, 2006 memo to EPA, Re: RD/RA Evaluations of Sulfide Detected in Soils, GE, MDEP, and EPA have agreed to the following approach in regards to sulfide detected in soils: In cases where sulfide is the only constituent that results in an exceedance of the applicable performance criteria, either under current conditions or after the anticipated performance of remediation, sulfide will be excluded from further RD/RA evaluations and a conclusion will be made that acceptable conditions exist or will be achieved.

ARCADIS

Parcel I9-9-9 (bank)

**TABLE E-7
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-9 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA I9-9-9-SB-2 SL-BH001031-0-0070 7-9 06/23/03	PDI I9-9-9-SB-2 I9-9-9-SB-2 0-1 03/11/05	PDI I9-9-9-SB-2 I9-9-9-SB-2 5-7 3/8-3/11/05	PDI I9-9-9-SB-2 I9-9-9-SB-2 7-9 3/8-3/11/05
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
1,1,1-Trichloroethane		680	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
1,1,2-Trichloroethane		0.82	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
1,1-Dichloroethane		570	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
1,1-Dichloroethene		0.052	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
1,2,3-Trichloropropane		0.0014	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
1,2,4-Trichlorobenzene		480	ND(0.0096)	NA	NA	NA
1,2-Dibromo-3-chloropropane		0.32	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
1,2-Dibromoethane		0.0049	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
1,2-Dichlorobenzene		370	ND(0.0096)	NA	NA	NA
1,2-Dichloroethane		0.34	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
1,2-Dichloropropane		0.34	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
1,3-Dichlorobenzene		41	ND(0.0096)	NA	NA	NA
1,4-Dichlorobenzene		3	ND(0.0096)	NA	NA	NA
1,4-Dioxane		40	ND(0.48)	ND(0.14) J	ND(0.12)	ND(0.14) J
2-Butanone		6,900	0.059 J	ND(0.014)	ND(0.012)	ND(0.014)
2-Chloro-1,3-butadiene		3.6	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
2-Chloroethylvinylether		0.18	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
2-Hexanone		750	ND(0.0096)	ND(0.014)	ND(0.012)	ND(0.014)
3-Chloropropene		2,700	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
4-Methyl-2-pentanone		750	ND(0.0096)	ND(0.014) J	ND(0.012)	ND(0.014) J
Acetone		1,400	0.23 J	ND(0.029)	ND(0.024)	ND(0.028)
Acetonitrile		200	NA	ND(0.14)	ND(0.12)	ND(0.14)
Acrolein		0.1	ND(0.0096)	ND(0.14) J	ND(0.12)	ND(0.14) J
Acrylonitrile		0.19	ND(0.0096)	ND(0.0073) J	ND(0.0059)	ND(0.0069) J
Benzene		0.62	ND(0.011)	ND(0.0073)	ND(0.0059)	ND(0.0069)
Bromodichloromethane		0.98	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
Bromoform		56	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
Bromomethane		3.8	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
Carbon Disulfide		350	0.046 J	ND(0.0073)	ND(0.0059)	ND(0.0069)
Carbon Tetrachloride		0.23	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
Chlorobenzene		54	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
Chloroethane		1,600	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
Chloroform		0.24	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
Chloromethane		1.2	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
cis-1,2-Dichloroethene		42	ND(0.0096)	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
Dibromochloromethane		5.3	ND(0.0096)	ND(0.0073) J	ND(0.0059)	ND(0.0069) J
Dibromomethane		550	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
Dichlorodifluoromethane		94	NA	ND(0.0073)	ND(0.0059)	ND(0.0069)
Ethyl Methacrylate		140	ND(0.0096)	ND(0.0073) J	ND(0.0059)	ND(0.0069) J
Ethylbenzene		230	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
Freon 12		Not Listed	ND(0.0096)	NA	NA	NA
Iodomethane		1.2	ND(0.011)	ND(0.0073)	ND(0.0059)	ND(0.0069)
Isobutanol		10,000	ND(0.48)	ND(0.14) J	ND(0.12)	ND(0.14) J
m&p-Xylene		210	ND(0.0096)	NA	NA	NA
Methacrylonitrile		1.8	ND(0.0096)	ND(0.0073) J	ND(0.0059)	ND(0.0069) J
Methyl Methacrylate		2,200	ND(0.0096)	ND(0.0073) J	ND(0.0059)	ND(0.0069) J
Methyl tert-butyl ether		Not Listed	ND(0.0096)	NA	NA	NA
Methylene Chloride		8.5	ND(0.0096)	ND(0.0073)	0.0049 J	ND(0.0069)
Naphthalene		55	0.067 J	NA	NA	NA
o-Xylene		280	ND(0.0096)	NA	NA	NA
Propionitrile		200	ND(0.038)	ND(0.014) J	ND(0.012)	ND(0.014) J
Styrene		1,700	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
Tetrachloroethene		4.7	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
Toluene		520	0.0020 J	ND(0.0073)	ND(0.0059)	ND(0.0069)
trans-1,2-Dichloroethene		62	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
trans-1,3-Dichloropropene		Not Listed	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)

**TABLE E-7
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-9 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA I9-9-9-SB-2 SL-BH001031-0-0070 7-9 06/23/03	PDI I9-9-9-SB-2 I9-9-9-SB-2 0-1 03/11/05	PDI I9-9-9-SB-2 I9-9-9-SB-2 5-7 3/8-3/11/05	PDI I9-9-9-SB-2 I9-9-9-SB-2 7-9 3/8-3/11/05
Volatile Organics (continued)						
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
Trichloroethene		2.7	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
Trichlorofluoromethane		380	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
Vinyl Acetate		420	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
Vinyl Chloride		0.021	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
Xylenes (total)		210	ND(0.0096)	ND(0.0073)	ND(0.0059)	ND(0.0069)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
1,2,4-Trichlorobenzene		480	0.054 J	ND(0.48)	ND(1.6)	ND(4.6)
1,2-Dichlorobenzene		370	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
1,2-Diphenylhydrazine		0.56	NA	ND(0.48)	ND(1.6)	ND(4.6)
1,3,5-Trinitrobenzene		1,600	ND(0.88)	ND(0.48)	ND(1.6) J	ND(4.6)
1,3-Dichlorobenzene		41	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
1,3-Dinitrobenzene		5.5	ND(0.88)	ND(0.97)	ND(1.6)	ND(4.6)
1,4-Dichlorobenzene		3	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
1,4-Naphthoquinone		55	ND(0.88)	ND(0.97) J	ND(1.6) J	ND(4.6) J
1-Naphthylamine		Not Listed	ND(0.88)	ND(0.97)	ND(1.6)	ND(4.6)
2,3,4,6-Tetrachlorophenol		1,600	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
2,4,5-Trichlorophenol		5,500	ND(2.2)	ND(0.48)	ND(1.6)	ND(4.6)
2,4,6-Trichlorophenol		40	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
2,4-Dichlorophenol		160	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
2,4-Dimethylphenol		1,100	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
2,4-Dinitrophenol		110	ND(2.2)	ND(2.5) J	ND(7.9)	ND(23) J
2,4-Dinitrotoluene		110	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
2,6-Dichlorophenol		160	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
2,6-Dinitrotoluene		55	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
2-Acetylaminofluorene		0.56	ND(0.88)	ND(0.97)	ND(1.6)	ND(4.6)
2-Chloronaphthalene		3,700	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
2-Chlorophenol		59	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
2-Methylnaphthalene		55	0.36 J	0.053 J	ND(1.6)	ND(4.6)
2-Methylphenol		2,700	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
2-Naphthylamine		Not Listed	ND(0.88)	ND(0.97)	ND(1.6)	ND(4.6)
2-Nitroaniline		3.3	ND(2.2)	ND(2.5)	ND(7.9)	ND(23)
2-Nitrophenol		Not Listed	ND(0.88)	ND(0.97)	ND(1.6)	ND(4.6)
2-Picoline		55	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
3&4-Methylphenol		270	NA	ND(0.97)	ND(1.6)	ND(4.6)
3,3'-Dichlorobenzidine		0.99	ND(0.88)	ND(0.97) J	ND(3.2)	ND(9.3)
3,3'-Dimethylbenzidine		0.048	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
3-Methylcholanthrene		0.056	ND(0.88)	ND(0.97)	ND(1.6)	ND(4.6)
3-Nitroaniline		5.5	ND(2.2)	ND(2.5)	ND(7.9)	ND(23)
4,6-Dinitro-2-methylphenol		55	ND(2.2)	ND(0.48) J	ND(1.6) J	ND(4.6) J
4-Aminobiphenyl		1,400	ND(0.88)	ND(0.97)	ND(1.6)	ND(4.6)
4-Bromophenyl-phenylether		160	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
4-Chloro-3-Methylphenol		2,700	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
4-Chloroaniline		220	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
4-Chlorobenzilate		1.6	ND(0.88)	ND(0.97)	ND(1.6)	ND(4.6)
4-Chlorophenyl-phenylether		Not Listed	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
4-Methylphenol		270	0.10 J	NA	NA	NA
4-Nitroaniline		5.5	ND(2.2)	ND(2.5)	ND(2.0)	ND(4.6)
4-Nitrophenol		3,400	ND(2.2)	ND(2.5) J	ND(7.9)	ND(23)
4-Nitroquinoline-1-oxide		110	ND(0.88)	ND(0.97) J	ND(1.6) J	ND(4.6) J
4-Phenylenediamine		10,000	ND(0.88)	ND(0.97)	ND(1.6)	ND(4.6)
5-Nitro-o-toluidine		13	ND(0.88)	ND(0.97)	ND(1.6)	ND(4.6)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.88)	ND(0.97)	ND(1.6)	ND(4.6)
a,a'-Dimethylphenethylamine		55	ND(0.88)	ND(0.97)	ND(1.6) J	ND(4.6) J
Acenaphthene		2,600	0.74 J	ND(0.48)	ND(1.6)	1.7 J
Acenaphthylene		55	ND(0.88)	0.096 J	0.58 J	1.3 J
Acetophenone		0.49	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)

**TABLE E-7
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-9 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA I9-9-9-SB-2 SL-BH001031-0-0070 7-9 06/23/03	PDI I9-9-9-SB-2 I9-9-9-SB-2 0-1 03/11/05	PDI I9-9-9-SB-2 I9-9-9-SB-2 5-7 3/8-3/11/05	PDI I9-9-9-SB-2 I9-9-9-SB-2 7-9 3/8-3/11/05
Semivolatile Organics (continued)						
Aniline		78	ND(2.2)	ND(0.48) J	ND(1.6) J	ND(4.6) J
Anthracene		14,000	0.67 J	0.20 J	0.65 J	9.4
Aramite		18	ND(0.88)	ND(0.97)	ND(1.6)	ND(4.6)
Azobenzene		4	ND(0.88)	NA	NA	NA
Benzidine		0.0019	NA	ND(0.97) J	ND(3.2) J	ND(9.3) J
Benzo(a)anthracene		0.56	2.2	0.52	1.2 J	21
Benzo(a)pyrene		0.056	1.9	0.54	1.0 J	16
Benzo(b)fluoranthene		0.56	1.9	0.41 J	1.1 J	12
Benzo(g,h,i)perylene		55	1.4 J	0.28 J	0.46 J	7.4
Benzo(k)fluoranthene		5.6	1.7	0.59	1.1 J	14
Benzyl Alcohol		16,000	ND(0.88)	ND(0.97)	ND(3.2)	ND(9.3)
bis(2-Chloroethoxy)methane		Not Listed	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
bis(2-Chloroethyl)ether		0.18	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
bis(2-Chloroisopropyl)ether		2.5	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
bis(2-Ethylhexyl)phthalate		32	ND(0.88)	0.54	ND(0.79)	ND(2.3)
Butylbenzylphthalate		930	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
Chrysene		56	2.4	0.60	1.1 J	20
Diallate		7.3	ND(0.88)	ND(0.97)	ND(1.6)	ND(4.6)
Dibenzo(a,h)anthracene		0.056	0.35 J	0.061 J	ND(0.79)	1.2 J
Dibenzofuran		210	0.23 J	0.064 J	0.23 J	1.7 J
Diethylphthalate		44,000	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
Dimethylphthalate		100,000	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
Di-n-Butylphthalate		5,500	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
Di-n-Octylphthalate		1,100	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
Diphenylamine		1,400	NA	ND(0.48)	ND(1.6) J	ND(4.6)
Ethyl Methanesulfonate		Not Listed	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
Fluoranthene		2,000	4.8	1.2	2.7	56
Fluorene		1,800	0.44 J	0.084 J	0.24 J	3.5 J
Hexachlorobenzene		0.28	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
Hexachlorobutadiene		5.7	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
Hexachlorocyclopentadiene		380	ND(0.88)	ND(0.48) J	ND(1.6) J	ND(4.6) J
Hexachloroethane		32	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
Hexachlorophene		16	NA	ND(0.97) J	ND(3.2) J	ND(9.3) J
Hexachloropropene		Not Listed	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
Indeno(1,2,3-cd)pyrene		0.56	1.2 J	0.22 J	0.41 J	6.6
Isodrin		Not Listed	NA	ND(0.48)	ND(1.6)	ND(4.6)
Isophorone		470	ND(0.88)	ND(0.48) J	ND(1.6)	ND(4.6) J
Isosafrole		Not Listed	ND(0.88)	ND(0.97) J	ND(1.6) J	ND(4.6) J
Methapyrilene		55	ND(0.88)	ND(0.97) J	ND(1.6) J	ND(4.6) J
Methyl Methanesulfonate		Not Listed	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
Naphthalene		55	3.2	0.079 J	ND(1.6)	ND(4.6)
Nitrobenzene		16	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
N-Nitrosodiethylamine		0.003	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
N-Nitrosodimethylamine		0.0087	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
N-Nitroso-di-n-butylamine		0.022	ND(0.88)	ND(0.97)	ND(1.6)	ND(4.6)
N-Nitroso-di-n-propylamine		0.063	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
N-Nitrosodiphenylamine		91	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
N-Nitrosomethylethylamine		0.02	ND(0.88)	ND(0.97)	ND(1.6)	ND(4.6)
N-Nitrosomorpholine		0.21	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
N-Nitrosopiperidine		0.21	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
N-Nitrosopyrrolidine		0.21	ND(0.88)	ND(0.97)	ND(1.6)	ND(4.6)
o,o,o'-Triethylphosphorothioate		11	NA	ND(0.48)	ND(1.6)	ND(4.6)
o-Toluidine		1.9	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
p-Dimethylaminoazobenzene		0.99	ND(0.88)	ND(0.97)	ND(1.6)	ND(4.6)
Pentachlorobenzene		44	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
Pentachloroethane		2.8	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
Pentachloronitrobenzene		1.7	ND(0.88)	ND(0.97)	ND(1.6)	ND(4.6)
Pentachlorophenol		2.5	ND(2.2)	ND(2.5)	ND(7.9)	ND(23)

**TABLE E-7
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-9 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA I9-9-9-SB-2 SL-BH001031-0-0070 Residential PRGs 7-9 06/23/03	PDI I9-9-9-SB-2 I9-9-9-SB-2 0-1 03/11/05	PDI I9-9-9-SB-2 I9-9-9-SB-2 5-7 3/8-3/11/05	PDI I9-9-9-SB-2 I9-9-9-SB-2 7-9 3/8-3/11/05
Semivolatile Organics (continued)					
Phenacetin	640	ND(0.88)	ND(0.97)	ND(1.6)	ND(4.6)
Phenanthrene	55	2.9	0.97	2.9	40
Phenol	33,000	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
Pronamide	4,100	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
Pyrene	1,500	4.5	1.2	2.3	47
Pyridine	55	ND(0.88)	ND(0.48)	ND(1.6)	ND(4.6)
Safrole	Not Listed	ND(0.88)	ND(0.48) J	ND(1.6) J	ND(4.6) J
Thionazin	330	NA	ND(0.48)	ND(1.6)	ND(4.6)
Herbicides					
Dinoseb	55	ND(0.88)	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Applicable	NA	0.0000057 Y	0.000014 YI	0.000039 YI
TCDFs (total)	Not Applicable	NA	0.000062	0.00013	0.00044
1,2,3,7,8-PeCDF	Not Applicable	NA	0.0000034 J	0.0000062	0.000016
2,3,4,7,8-PeCDF	Not Applicable	NA	0.0000067	0.0000078	0.000023
PeCDFs (total)	Not Applicable	NA	0.00014	0.00010	0.00078
1,2,3,4,7,8-HxCDF	Not Applicable	NA	0.0000052 J	0.0000097	0.000032
1,2,3,6,7,8-HxCDF	Not Applicable	NA	0.0000066	0.0000057 I	0.000029 I
1,2,3,7,8,9-HxCDF	Not Applicable	NA	ND(0.0000034)	ND(0.0000018)	ND(0.0000015)
2,3,4,6,7,8-HxCDF	Not Applicable	NA	0.0000069	0.0000033 J	0.000022
HxCDFs (total)	Not Applicable	NA	0.00014	0.000069	0.00063
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	0.000022	0.000026	0.000062
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	ND(0.0000021)	ND(0.0000017)	0.0000099
HpCDFs (total)	Not Applicable	NA	0.000044	0.000046	0.00015
OCDF	Not Applicable	NA	0.000021	0.000047	0.000073
Dioxins					
2,3,7,8-TCDD	Not Applicable	NA	ND(0.0000023)	ND(0.0000029)	0.0000093 J
TCDDs (total)	Not Applicable	NA	0.0000081	0.0000030	0.000012
1,2,3,7,8-PeCDD	Not Applicable	NA	ND(0.0000010)	ND(0.0000046)	ND(0.0000025)
PeCDDs (total)	Not Applicable	NA	ND(0.0000010)	ND(0.0000022)	0.0000038
1,2,3,4,7,8-HxCDD	Not Applicable	NA	ND(0.0000085)	ND(0.0000056)	0.0000038 J
1,2,3,6,7,8-HxCDD	Not Applicable	NA	0.0000034 J	ND(0.0000011)	0.000012
1,2,3,7,8,9-HxCDD	Not Applicable	NA	ND(0.0000030)	ND(0.0000013)	0.0000075
HxCDDs (total)	Not Applicable	NA	0.000022	0.0000081	0.000076
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	0.000042	0.000023	0.00021
HpCDDs (total)	Not Applicable	NA	0.000084	0.000051	0.00042
OCDD	Not Applicable	NA	0.00027	0.00020	0.0015
Total TEQs (WHO TEFs)	Not Applicable	NA	0.0000078	0.0000085	0.000032
Inorganics					
Antimony	30	2.50	ND(6.00) J	ND(6.00)	1.20 B
Arsenic	0.38	10.6	6.80 J	5.90	7.50
Barium	5,200	1240	42.0 J	120	240
Beryllium	150	0.270	0.340 B	0.280 B	0.350 B
Cadmium	37	4.80	0.290 B	0.500 B	1.10
Chromium	210	39.8	14.0	12.0	16.0
Cobalt	3,300	6.90	11.0	7.80	9.00
Copper	2,800	171	26.0 J	59.0	1700
Lead	400	463	120 J	170	650
Mercury	22	0.310	0.120 J	0.210	0.260
Nickel	1,500	38.3	19.0	16.0	18.0
Selenium	370	0.960	ND(1.10)	1.20 J	1.80 J
Silver	370	0.850	ND(1.10)	ND(1.0)	ND(1.00)
Thallium	6	1.70	4.30	ND(1.20)	ND(1.40)
Tin	45,000	439	ND(10.0)	ND(10.0)	11.0
Vanadium	520	10.4	15.0	17.0	16.0
Zinc	22,000	2320	120 J	170	560
Cyanide	11	NA	0.140 B	0.160 B	0.250 B
Sulfide	350	NA	23.0	45.0	22.0

**TABLE E-7
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-9 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-9-SB-2-S I9-9-9-SB-2-S 7-9 05/19/08	PDI I9-9-9-SB-2-W I9-9-9-SB-2-W 7-9 10/26/05	PDI I9-9-9-SB-3 I9-9-9-SB-3 0-1 06/20/03	PDI I9-9-9-SB-3 I9-9-9-SB-3 1-3 06/20/03	PDI I9-9-9-SB-3-S I9-9-9-SB-3-S 1-3 05/14/08
Volatiles Organics						
1,1,1,2-Tetrachloroethane	2.8	NA	NA	ND(0.0079)	ND(0.0075)	NA
1,1,1-Trichloroethane	680	NA	NA	ND(0.0079)	ND(0.0075)	NA
1,1,2,2-Tetrachloroethane	0.36	NA	NA	ND(0.0079)	ND(0.0075)	NA
1,1,2-Trichloroethane	0.82	NA	NA	ND(0.0079)	ND(0.0075)	NA
1,1-Dichloroethane	570	NA	NA	ND(0.0079)	ND(0.0075)	NA
1,1-Dichloroethene	0.052	NA	NA	ND(0.0079)	ND(0.0075)	NA
1,2,3-Trichloropropane	0.0014	NA	NA	ND(0.0079)	ND(0.0075)	NA
1,2,4-Trichlorobenzene	480	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	0.32	NA	NA	ND(0.0079)	ND(0.0075)	NA
1,2-Dibromoethane	0.0049	NA	NA	ND(0.0079)	ND(0.0075)	NA
1,2-Dichlorobenzene	370	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.34	NA	NA	ND(0.0079)	ND(0.0075)	NA
1,2-Dichloropropane	0.34	NA	NA	ND(0.0079)	ND(0.0075)	NA
1,3-Dichlorobenzene	41	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	3	NA	NA	NA	NA	NA
1,4-Dioxane	40	NA	NA	ND(0.16) J	ND(0.15) J	NA
2-Butanone	6,900	NA	NA	ND(0.016)	ND(0.015)	NA
2-Chloro-1,3-butadiene	3.6	NA	NA	ND(0.0079)	ND(0.0075)	NA
2-Chloroethylvinylether	0.18	NA	NA	ND(0.0079)	ND(0.0075)	NA
2-Hexanone	750	NA	NA	ND(0.016)	ND(0.015)	NA
3-Chloropropene	2,700	NA	NA	ND(0.0079)	ND(0.0075)	NA
4-Methyl-2-pentanone	750	NA	NA	ND(0.016)	ND(0.015)	NA
Acetone	1,400	NA	NA	ND(0.032)	ND(0.030)	NA
Acetonitrile	200	NA	NA	ND(0.16) J	ND(0.15) J	NA
Acrolein	0.1	NA	NA	ND(0.16) J	ND(0.15) J	NA
Acrylonitrile	0.19	NA	NA	ND(0.0079)	ND(0.0075)	NA
Benzene	0.62	NA	NA	ND(0.0079)	ND(0.0075)	NA
Bromodichloromethane	0.98	NA	NA	ND(0.0079)	ND(0.0075)	NA
Bromoform	56	NA	NA	ND(0.0079)	ND(0.0075)	NA
Bromomethane	3.8	NA	NA	ND(0.0079)	ND(0.0075)	NA
Carbon Disulfide	350	NA	NA	ND(0.0079)	ND(0.0075)	NA
Carbon Tetrachloride	0.23	NA	NA	ND(0.0079)	ND(0.0075)	NA
Chlorobenzene	54	NA	NA	ND(0.0079)	ND(0.0075)	NA
Chloroethane	1,600	NA	NA	ND(0.0079)	ND(0.0075)	NA
Chloroform	0.24	NA	NA	ND(0.0079)	ND(0.0075)	NA
Chloromethane	1.2	NA	NA	ND(0.0079)	ND(0.0075)	NA
cis-1,2-Dichloroethene	42	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	Not Listed	NA	NA	ND(0.0079)	ND(0.0075)	NA
Dibromochloromethane	5.3	NA	NA	ND(0.0079)	ND(0.0075)	NA
Dibromomethane	550	NA	NA	ND(0.0079)	ND(0.0075)	NA
Dichlorodifluoromethane	94	NA	NA	ND(0.0079)	ND(0.0075)	NA
Ethyl Methacrylate	140	NA	NA	ND(0.0079)	ND(0.0075)	NA
Ethylbenzene	230	NA	NA	ND(0.0079)	ND(0.0075)	NA
Freon 12	Not Listed	NA	NA	NA	NA	NA
Iodomethane	1.2	NA	NA	ND(0.0079) J	ND(0.0075) J	NA
Isobutanol	10,000	NA	NA	ND(0.16) J	ND(0.15) J	NA
m&p-Xylene	210	NA	NA	NA	NA	NA
Methacrylonitrile	1.8	NA	NA	ND(0.0079)	ND(0.0075)	NA
Methyl Methacrylate	2,200	NA	NA	ND(0.0079)	ND(0.0075)	NA
Methyl tert-butyl ether	Not Listed	NA	NA	NA	NA	NA
Methylene Chloride	8.5	NA	NA	ND(0.0079)	ND(0.0075)	NA
Naphthalene	55	NA	NA	NA	NA	NA
o-Xylene	280	NA	NA	NA	NA	NA
Propionitrile	200	NA	NA	ND(0.016)	ND(0.015)	NA
Styrene	1,700	NA	NA	ND(0.0079)	ND(0.0075)	NA
Tetrachloroethene	4.7	NA	NA	ND(0.0079)	ND(0.0075)	NA
Toluene	520	NA	NA	ND(0.0079)	ND(0.0075)	NA
trans-1,2-Dichloroethene	62	NA	NA	ND(0.0079)	ND(0.0075)	NA
trans-1,3-Dichloropropene	Not Listed	NA	NA	ND(0.0079)	ND(0.0075)	NA

**TABLE E-7
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-9 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI 19-9-9-SB-2-S 19-9-9-SB-2-S 7-9 05/19/08	PDI 19-9-9-SB-2-W 19-9-9-SB-2-W 7-9 10/26/05	PDI 19-9-9-SB-3 19-9-9-SB-3 0-1 06/20/03	PDI 19-9-9-SB-3 19-9-9-SB-3 1-3 06/20/03	PDI 19-9-9-SB-3-S 19-9-9-SB-3-S 1-3 05/14/08
Volatile Organics (continued)						
trans-1,4-Dichloro-2-butene	Not Listed	NA	NA	ND(0.0079)	ND(0.0075)	NA
Trichloroethene	2.7	NA	NA	ND(0.0079)	ND(0.0075)	NA
Trichlorofluoromethane	380	NA	NA	ND(0.0079)	ND(0.0075)	NA
Vinyl Acetate	420	NA	NA	ND(0.0079)	ND(0.0075)	NA
Vinyl Chloride	0.021	NA	NA	ND(0.0079)	ND(0.0075)	NA
Xylenes (total)	210	NA	NA	ND(0.0079)	ND(0.0075)	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	16	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
1,2,4-Trichlorobenzene	480	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
1,2-Dichlorobenzene	370	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
1,2-Diphenylhydrazine	0.56	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
1,3,5-Trinitrobenzene	1,600	ND(2.4)	ND(0.47)	ND(0.66) J	ND(0.61)	NA
1,3-Dichlorobenzene	41	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
1,3-Dinitrobenzene	5.5	ND(0.47)	ND(0.95)	ND(1.1)	ND(1.0)	NA
1,4-Dichlorobenzene	3	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
1,4-Naphthoquinone	55	ND(0.47)	ND(0.95)	ND(1.1)	ND(1.0)	NA
1-Naphthylamine	Not Listed	ND(2.4) J	ND(0.95)	ND(1.1)	ND(1.0)	NA
2,3,4,6-Tetrachlorophenol	1,600	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
2,4,5-Trichlorophenol	5,500	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
2,4,6-Trichlorophenol	40	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
2,4-Dichlorophenol	160	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
2,4-Dimethylphenol	1,100	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
2,4-Dinitrophenol	110	R	ND(2.4) J	ND(3.3) J	ND(3.1) J	NA
2,4-Dinitrotoluene	110	ND(0.47)	ND(0.47)	ND(0.66)	0.38 J	NA
2,6-Dichlorophenol	160	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
2,6-Dinitrotoluene	55	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
2-Acetylaminofluorene	0.56	ND(0.94)	ND(0.95)	ND(1.1)	ND(1.0)	NA
2-Chloronaphthalene	3,700	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
2-Chlorophenol	59	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
2-Methylnaphthalene	55	ND(0.47)	ND(0.47)	ND(0.66)	0.14 J	NA
2-Methylphenol	2,700	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
2-Naphthylamine	Not Listed	ND(2.4) J	ND(0.95)	ND(1.1) J	ND(1.0)	NA
2-Nitroaniline	3.3	ND(0.47)	ND(2.4)	ND(3.3)	ND(3.1)	NA
2-Nitrophenol	Not Listed	ND(0.47)	ND(0.95)	ND(1.1)	ND(1.0)	NA
2-Picoline	55	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
3&4-Methylphenol	270	0.16 J	ND(0.95)	ND(1.1)	ND(1.0)	NA
3,3'-Dichlorobenzidine	0.99	ND(0.94) J	ND(0.95)	ND(1.3)	ND(1.2)	NA
3,3'-Dimethylbenzidine	0.048	ND(2.4) J	ND(0.47)	ND(0.66)	ND(0.61)	NA
3-Methylcholanthrene	0.056	ND(0.47)	ND(0.95)	ND(1.1)	ND(1.0)	NA
3-Nitroaniline	5.5	ND(2.4) J	ND(2.4)	ND(3.3)	ND(3.1)	NA
4,6-Dinitro-2-methylphenol	55	ND(2.4) J	ND(0.47) J	ND(0.66)	ND(0.61)	NA
4-Aminobiphenyl	1,400	ND(0.47)	ND(0.95)	ND(1.1)	ND(1.0)	NA
4-Bromophenyl-phenylether	160	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
4-Chloro-3-Methylphenol	2,700	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
4-Chloroaniline	220	ND(2.4)	ND(0.47)	ND(0.66)	ND(0.61)	NA
4-Chlorobenzilate	1.6	ND(0.47)	ND(0.95)	ND(1.1)	ND(1.0)	NA
4-Chlorophenyl-phenylether	Not Listed	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
4-Methylphenol	270	NA	NA	NA	NA	NA
4-Nitroaniline	5.5	ND(2.4)	ND(2.4)	ND(2.7)	ND(2.5)	NA
4-Nitrophenol	3,400	ND(2.4)	ND(2.4)	ND(3.3) J	ND(3.1) J	NA
4-Nitroquinoline-1-oxide	110	ND(2.4)	ND(0.95)	ND(1.1)	ND(1.0)	NA
4-Phenylenediamine	10,000	ND(0.94) J	ND(0.95)	ND(1.1)	ND(1.0)	NA
5-Nitro-o-toluidine	13	ND(0.47)	ND(0.95)	ND(1.1)	ND(1.0)	NA
7,12-Dimethylbenz(a)anthracene	0.056	ND(0.47)	ND(0.95)	ND(1.1)	ND(1.0)	NA
a,a'-Dimethylphenethylamine	55	ND(2.4)	ND(0.95)	ND(1.1)	ND(1.0)	NA
Acenaphthene	2,600	0.27 J	ND(0.47)	ND(0.66)	ND(0.61)	NA
Acenaphthylene	55	0.24 J	ND(0.47)	ND(0.66)	ND(0.61)	NA
Acetophenone	0.49	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA

**TABLE E-7
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-9 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-9-SB-2-S I9-9-9-SB-2-S 7-9 05/19/08	PDI I9-9-9-SB-2-W I9-9-9-SB-2-W 7-9 10/26/05	PDI I9-9-9-SB-3 I9-9-9-SB-3 0-1 06/20/03	PDI I9-9-9-SB-3 I9-9-9-SB-3 1-3 06/20/03	PDI I9-9-9-SB-3-S I9-9-9-SB-3-S 1-3 05/14/08
Semivolatile Organics (continued)						
Aniline	78	ND(0.47)	ND(0.47)	1.6	1.0	NA
Anthracene	14,000	0.54	ND(0.47)	0.38 J	0.14 J	NA
Aramite	18	ND(0.47)	ND(0.95)	ND(1.1)	ND(1.0)	NA
Azobenzene	4	NA	NA	NA	NA	NA
Benzidine	0.0019	ND(0.94)	ND(0.95) J	ND(1.3)	ND(1.2)	NA
Benzo(a)anthracene	0.56	1.6	ND(0.47)	0.48 J	0.33 J	NA
Benzo(a)pyrene	0.056	1.7	ND(0.47)	0.36 J	0.24 J	NA
Benzo(b)fluoranthene	0.56	1.8 J	ND(0.47)	0.31 J	0.26 J	NA
Benzo(g,h,i)perylene	55	0.76 J	ND(0.47)	ND(0.66)	0.18 J	NA
Benzo(k)fluoranthene	5.6	0.83 J	ND(0.47)	0.20 J	0.20 J	NA
Benzyl Alcohol	16,000	ND(0.94)	ND(0.95)	ND(1.3)	ND(1.2)	NA
bis(2-Chloroethoxy)methane	Not Listed	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
bis(2-Chloroethyl)ether	0.18	ND(0.47)	ND(0.47)	ND(0.66) J	ND(0.61) J	NA
bis(2-Chloroisopropyl)ether	2.5	ND(0.47)	ND(0.47)	ND(0.66) J	ND(0.61)	NA
bis(2-Ethylhexyl)phthalate	32	ND(0.47)	ND(0.47)	ND(0.52)	ND(0.49)	NA
Butylbenzylphthalate	930	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
Chrysene	56	1.6	ND(0.47)	0.51 J	0.42 J	NA
Diallate	7.3	ND(0.47)	ND(0.95)	ND(1.1)	ND(1.0)	NA
Dibenzo(a,h)anthracene	0.056	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
Dibenzofuran	210	0.11 J	ND(0.47)	0.15 J	ND(0.61)	NA
Diethylphthalate	44,000	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
Dimethylphthalate	100,000	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
Di-n-Butylphthalate	5,500	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
Di-n-Octylphthalate	1,100	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
Diphenylamine	1,400	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
Ethyl Methanesulfonate	Not Listed	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
Fluoranthene	2,000	3.5	ND(0.47)	1.7	0.56 J	NA
Fluorene	1,800	0.19 J	ND(0.47)	0.24 J	0.16 J	NA
Hexachlorobenzene	0.28	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
Hexachlorobutadiene	5.7	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
Hexachlorocyclopentadiene	380	ND(0.94) J	ND(0.47) J	ND(0.66) J	ND(0.61) J	NA
Hexachloroethane	32	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
Hexachlorophene	16	ND(0.47) J	ND(0.95) J	ND(1.3) J	ND(1.2) J	NA
Hexachloropropene	Not Listed	ND(0.94)	ND(0.47)	ND(0.66)	ND(0.61)	NA
Indeno(1,2,3-cd)pyrene	0.56	0.72	ND(0.47)	ND(0.66)	0.18 J	NA
Isodrin	Not Listed	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
Isophorone	470	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
Isosafrole	Not Listed	ND(0.47)	ND(0.95)	ND(1.1)	ND(1.0)	NA
Methapyrilene	55	ND(0.47)	ND(0.95)	ND(1.1)	ND(1.0)	NA
Methyl Methanesulfonate	Not Listed	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
Naphthalene	55	0.20 J	ND(0.47)	0.17 J	0.34 J	NA
Nitrobenzene	16	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
N-Nitrosodiethylamine	0.003	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
N-Nitrosodimethylamine	0.0087	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
N-Nitroso-di-n-butylamine	0.022	ND(0.47) J	ND(0.95)	ND(1.1)	ND(1.0)	NA
N-Nitroso-di-n-propylamine	0.063	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
N-Nitrosodiphenylamine	91	NA	ND(0.47)	ND(0.66)	ND(0.61)	NA
N-Nitrosomethylethylamine	0.02	ND(0.47)	ND(0.95)	ND(1.1)	ND(1.0)	NA
N-Nitrosomorpholine	0.21	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
N-Nitrosopiperidine	0.21	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
N-Nitrosopyrrolidine	0.21	ND(0.47)	ND(0.95)	ND(1.1)	ND(1.0)	NA
o,o,o-Triethylphosphorothioate	11	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
o-Toluidine	1.9	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
p-Dimethylaminoazobenzene	0.99	ND(0.47)	ND(0.95)	ND(1.1)	ND(1.0)	NA
Pentachlorobenzene	44	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
Pentachloroethane	2.8	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
Pentachloronitrobenzene	1.7	ND(0.47)	ND(0.95)	ND(1.1)	ND(1.0)	NA
Pentachlorophenol	2.5	ND(2.4)	ND(2.4)	ND(3.3)	ND(3.1)	NA

**TABLE E-7
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-9 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-9-SB-2-S I9-9-9-SB-2-S 7-9 05/19/08	PDI I9-9-9-SB-2-W I9-9-9-SB-2-W 7-9 10/26/05	PDI I9-9-9-SB-3 I9-9-9-SB-3 0-1 06/20/03	PDI I9-9-9-SB-3 I9-9-9-SB-3 1-3 06/20/03	PDI I9-9-9-SB-3-S I9-9-9-SB-3-S 1-3 05/14/08
Semivolatile Organics (continued)						
Phenacetin	640	ND(0.47)	ND(0.95)	ND(1.1)	ND(1.0)	NA
Phenanthrene	55	1.7	ND(0.47)	1.8	0.36 J	NA
Phenol	33,000	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
Pronamide	4,100	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
Pyrene	1,500	3.4	ND(0.47)	1.4	0.85	NA
Pyridine	55	ND(0.47)	ND(0.47)	ND(0.66)	ND(0.61)	NA
Safrole	Not Listed	ND(0.47)	ND(0.47) J	ND(0.66)	ND(0.61)	NA
Thionazin	330	ND(0.94)	ND(0.47)	ND(0.66)	ND(0.61)	NA
Herbicides						
Dinoseb	55	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	Not Applicable	NA	NA	ND(0.00042) XY	ND(0.00054) XY	NA
TCDFs (total)	Not Applicable	NA	NA	0.0018	0.0018	NA
1,2,3,7,8-PeCDF	Not Applicable	NA	NA	0.00047 I	0.00069 I	NA
2,3,4,7,8-PeCDF	Not Applicable	NA	NA	ND(0.000078) X	0.00010	NA
PeCDFs (total)	Not Applicable	NA	NA	0.00075	0.0013	NA
1,2,3,4,7,8-HxCDF	Not Applicable	NA	NA	0.0032 I	0.0036 I	NA
1,2,3,6,7,8-HxCDF	Not Applicable	NA	NA	0.00035	0.00044	NA
1,2,3,7,8,9-HxCDF	Not Applicable	NA	NA	0.000022	0.000028	NA
2,3,4,6,7,8-HxCDF	Not Applicable	NA	NA	0.00010	0.000093	NA
HxCDFs (total)	Not Applicable	NA	NA	0.0062	0.0069	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	NA	0.00065	0.00079	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	NA	0.00028	0.00044	NA
HpCDFs (total)	Not Applicable	NA	NA	0.0010	0.0014	NA
OCDF	Not Applicable	NA	NA	0.00062	0.0016	NA
Dioxins						
2,3,7,8-TCDD	Not Applicable	NA	NA	ND(0.0000042)	ND(0.0000068)	NA
TCDDs (total)	Not Applicable	NA	NA	0.00010	0.00052	NA
1,2,3,7,8-PeCDD	Not Applicable	NA	NA	ND(0.000048)	ND(0.000029)	NA
PeCDDs (total)	Not Applicable	NA	NA	ND(0.000048)	ND(0.000029)	NA
1,2,3,4,7,8-HxCDD	Not Applicable	NA	NA	0.000039	0.000053	NA
1,2,3,6,7,8-HxCDD	Not Applicable	NA	NA	0.000053	0.000054	NA
1,2,3,7,8,9-HxCDD	Not Applicable	NA	NA	0.000053	0.000050	NA
HxCDDs (total)	Not Applicable	NA	NA	0.00014	0.00016	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	NA	0.00041	0.00043	NA
HpCDDs (total)	Not Applicable	NA	NA	0.00077	0.00084	NA
OCDD	Not Applicable	NA	NA	0.0014	0.00093	NA
Total TEQs (WHO TEFs)	Not Applicable	NA	NA	0.00049	0.00058	NA
Inorganics						
Antimony	30	NA	NA	2.20 B	4.80 B	NA
Arsenic	0.38	NA	NA	6.10	14.0	NA
Barium	5,200	NA	NA	130	200	NA
Beryllium	150	NA	NA	0.0980 B	0.120 B	NA
Cadmium	37	NA	NA	4.90	14.0	NA
Chromium	210	NA	NA	23.0	39.0	NA
Cobalt	3,300	NA	NA	4.70 B	9.20	NA
Copper	2,800	NA	NA	240	410	NA
Lead	400	1510	15.0	330	780	9410
Mercury	22	NA	NA	1.70	2.00	NA
Nickel	1,500	NA	NA	41.0	63.0	NA
Selenium	370	NA	NA	1.80	3.60	NA
Silver	370	NA	NA	9.30	4.20	NA
Thallium	6	NA	NA	ND(1.60) J	3.10 J	NA
Tin	45,000	NA	NA	65.0	170	NA
Vanadium	520	NA	NA	14.0	14.0	NA
Zinc	22,000	NA	NA	450	770	NA
Cyanide	11	NA	NA	0.950	0.970	NA
Sulfide	350	NA	NA	970	3900	NA

**TABLE E-7
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-9 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-9-SB-3-SS I9-9-9-SB-3-SS 1-3 07/15/08	PDI I9-9-9-SB-3-W I9-9-9-SB-3-W 1-3 10/26/05	PDI I9-9-9-SB-9 I9-9-9-SB-9 7-9 07/15/08
Volatile Organics					
1,1,1,2-Tetrachloroethane		2.8	NA	NA	NA
1,1,1-Trichloroethane		680	NA	NA	NA
1,1,2,2-Tetrachloroethane		0.36	NA	NA	NA
1,1,2-Trichloroethane		0.82	NA	NA	NA
1,1-Dichloroethane		570	NA	NA	NA
1,1-Dichloroethene		0.052	NA	NA	NA
1,2,3-Trichloropropane		0.0014	NA	NA	NA
1,2,4-Trichlorobenzene		480	NA	NA	NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA	NA
1,2-Dibromoethane		0.0049	NA	NA	NA
1,2-Dichlorobenzene		370	NA	NA	NA
1,2-Dichloroethane		0.34	NA	NA	NA
1,2-Dichloropropane		0.34	NA	NA	NA
1,3-Dichlorobenzene		41	NA	NA	NA
1,4-Dichlorobenzene		3	NA	NA	NA
1,4-Dioxane		40	NA	NA	NA
2-Butanone		6,900	NA	NA	NA
2-Chloro-1,3-butadiene		3.6	NA	NA	NA
2-Chloroethylvinylether		0.18	NA	NA	NA
2-Hexanone		750	NA	NA	NA
3-Chloropropene		2,700	NA	NA	NA
4-Methyl-2-pentanone		750	NA	NA	NA
Acetone		1,400	NA	NA	NA
Acetonitrile		200	NA	NA	NA
Acrolein		0.1	NA	NA	NA
Acrylonitrile		0.19	NA	NA	NA
Benzene		0.62	NA	NA	NA
Bromodichloromethane		0.98	NA	NA	NA
Bromoform		56	NA	NA	NA
Bromomethane		3.8	NA	NA	NA
Carbon Disulfide		350	NA	NA	NA
Carbon Tetrachloride		0.23	NA	NA	NA
Chlorobenzene		54	NA	NA	NA
Chloroethane		1,600	NA	NA	NA
Chloroform		0.24	NA	NA	NA
Chloromethane		1.2	NA	NA	NA
cis-1,2-Dichloroethene		42	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	NA	NA	NA
Dibromochloromethane		5.3	NA	NA	NA
Dibromomethane		550	NA	NA	NA
Dichlorodifluoromethane		94	NA	NA	NA
Ethyl Methacrylate		140	NA	NA	NA
Ethylbenzene		230	NA	NA	NA
Freon 12		Not Listed	NA	NA	NA
Iodomethane		1.2	NA	NA	NA
Isobutanol		10,000	NA	NA	NA
m&p-Xylene		210	NA	NA	NA
Methacrylonitrile		1.8	NA	NA	NA
Methyl Methacrylate		2,200	NA	NA	NA
Methyl tert-butyl ether		Not Listed	NA	NA	NA
Methylene Chloride		8.5	NA	NA	NA
Naphthalene		55	NA	NA	NA
o-Xylene		280	NA	NA	NA
Propionitrile		200	NA	NA	NA
Styrene		1,700	NA	NA	NA
Tetrachloroethene		4.7	NA	NA	NA
Toluene		520	NA	NA	NA
trans-1,2-Dichloroethene		62	NA	NA	NA
trans-1,3-Dichloropropene		Not Listed	NA	NA	NA

**TABLE E-7
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-9 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type:	EPA Region 9 Residential PRGs	PDI I9-9-9-SB-3-SS I9-9-9-SB-3-SS 1-3 07/15/08	PDI I9-9-9-SB-3-W I9-9-9-SB-3-W 1-3 10/26/05	PDI I9-9-9-SB-9 I9-9-9-SB-9 7-9 07/15/08
Location ID:				
Sample ID:				
Sample Depth(Feet):				
Date Collected:				
Parameter				
Volatile Organics (continued)				
trans-1,4-Dichloro-2-butene	Not Listed	NA	NA	NA
Trichloroethene	2.7	NA	NA	NA
Trichlorofluoromethane	380	NA	NA	NA
Vinyl Acetate	420	NA	NA	NA
Vinyl Chloride	0.021	NA	NA	NA
Xylenes (total)	210	NA	NA	NA
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	16	NA	NA	NA
1,2,4-Trichlorobenzene	480	NA	NA	NA
1,2-Dichlorobenzene	370	NA	NA	NA
1,2-Diphenylhydrazine	0.56	NA	NA	NA
1,3,5-Trinitrobenzene	1,600	NA	NA	NA
1,3-Dichlorobenzene	41	NA	NA	NA
1,3-Dinitrobenzene	5.5	NA	NA	NA
1,4-Dichlorobenzene	3	NA	NA	NA
1,4-Naphthoquinone	55	NA	NA	NA
1-Naphthylamine	Not Listed	NA	NA	NA
2,3,4,6-Tetrachlorophenol	1,600	NA	NA	NA
2,4,5-Trichlorophenol	5,500	NA	NA	NA
2,4,6-Trichlorophenol	40	NA	NA	NA
2,4-Dichlorophenol	160	NA	NA	NA
2,4-Dimethylphenol	1,100	NA	NA	NA
2,4-Dinitrophenol	110	NA	NA	NA
2,4-Dinitrotoluene	110	NA	NA	NA
2,6-Dichlorophenol	160	NA	NA	NA
2,6-Dinitrotoluene	55	NA	NA	NA
2-Acetylaminofluorene	0.56	NA	NA	NA
2-Chloronaphthalene	3,700	NA	NA	NA
2-Chlorophenol	59	NA	NA	NA
2-Methylnaphthalene	55	NA	NA	NA
2-Methylphenol	2,700	NA	NA	NA
2-Naphthylamine	Not Listed	NA	NA	NA
2-Nitroaniline	3.3	NA	NA	NA
2-Nitrophenol	Not Listed	NA	NA	NA
2-Picoline	55	NA	NA	NA
3&4-Methylphenol	270	NA	NA	NA
3,3'-Dichlorobenzidine	0.99	NA	NA	NA
3,3'-Dimethylbenzidine	0.048	NA	NA	NA
3-Methylcholanthrene	0.056	NA	NA	NA
3-Nitroaniline	5.5	NA	NA	NA
4,6-Dinitro-2-methylphenol	55	NA	NA	NA
4-Aminobiphenyl	1,400	NA	NA	NA
4-Bromophenyl-phenylether	160	NA	NA	NA
4-Chloro-3-Methylphenol	2,700	NA	NA	NA
4-Chloroaniline	220	NA	NA	NA
4-Chlorobenzilate	1.6	NA	NA	NA
4-Chlorophenyl-phenylether	Not Listed	NA	NA	NA
4-Methylphenol	270	NA	NA	NA
4-Nitroaniline	5.5	NA	NA	NA
4-Nitrophenol	3,400	NA	NA	NA
4-Nitroquinoline-1-oxide	110	NA	NA	NA
4-Phenylenediamine	10,000	NA	NA	NA
5-Nitro-o-toluidine	13	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	0.056	NA	NA	NA
a,a'-Dimethylphenethylamine	55	NA	NA	NA
Acenaphthene	2,600	NA	NA	NA
Acenaphthylene	55	NA	NA	NA
Acetophenone	0.49	NA	NA	NA

**TABLE E-7
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-9 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type:	EPA Region 9	PDI	PDI	PDI
Location ID:	Residential	19-9-9-SB-3-SS	19-9-9-SB-3-W	19-9-9-SB-9
Sample ID:	PRGs	19-9-9-SB-3-SS	19-9-9-SB-3-W	19-9-9-SB-9
Sample Depth(Feet):		1-3	1-3	7-9
Date Collected:		07/15/08	10/26/05	07/15/08
Parameter				
Semivolatile Organics (continued)				
Aniline	78	NA	NA	NA
Anthracene	14,000	NA	NA	NA
Aramite	18	NA	NA	NA
Azobenzene	4	NA	NA	NA
Benzidine	0.0019	NA	NA	NA
Benzo(a)anthracene	0.56	NA	NA	NA
Benzo(a)pyrene	0.056	NA	NA	NA
Benzo(b)fluoranthene	0.56	NA	NA	NA
Benzo(g,h,i)perylene	55	NA	NA	NA
Benzo(k)fluoranthene	5.6	NA	NA	NA
Benzyl Alcohol	16,000	NA	NA	NA
bis(2-Chloroethoxy)methane	Not Listed	NA	NA	NA
bis(2-Chloroethyl)ether	0.18	NA	NA	NA
bis(2-Chloroisopropyl)ether	2.5	NA	NA	NA
bis(2-Ethylhexyl)phthalate	32	NA	NA	NA
Butylbenzylphthalate	930	NA	NA	NA
Chrysene	56	NA	NA	NA
Diallate	7.3	NA	NA	NA
Dibenzo(a,h)anthracene	0.056	NA	NA	NA
Dibenzofuran	210	NA	NA	NA
Diethylphthalate	44,000	NA	NA	NA
Dimethylphthalate	100,000	NA	NA	NA
Di-n-Butylphthalate	5,500	NA	NA	NA
Di-n-Octylphthalate	1,100	NA	NA	NA
Diphenylamine	1,400	NA	NA	NA
Ethyl Methanesulfonate	Not Listed	NA	NA	NA
Fluoranthene	2,000	NA	NA	NA
Fluorene	1,800	NA	NA	NA
Hexachlorobenzene	0.28	NA	NA	NA
Hexachlorobutadiene	5.7	NA	NA	NA
Hexachlorocyclopentadiene	380	NA	NA	NA
Hexachloroethane	32	NA	NA	NA
Hexachlorophene	16	NA	NA	NA
Hexachloropropene	Not Listed	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.56	NA	NA	NA
Isodrin	Not Listed	NA	NA	NA
Isophorone	470	NA	NA	NA
Isosafrole	Not Listed	NA	NA	NA
Methapyrilene	55	NA	NA	NA
Methyl Methanesulfonate	Not Listed	NA	NA	NA
Naphthalene	55	NA	NA	NA
Nitrobenzene	16	NA	NA	NA
N-Nitrosodiethylamine	0.003	NA	NA	NA
N-Nitrosodimethylamine	0.0087	NA	NA	NA
N-Nitroso-di-n-butylamine	0.022	NA	NA	NA
N-Nitroso-di-n-propylamine	0.063	NA	NA	NA
N-Nitrosodiphenylamine	91	NA	NA	NA
N-Nitrosomethylethylamine	0.02	NA	NA	NA
N-Nitrosomorpholine	0.21	NA	NA	NA
N-Nitrosopiperidine	0.21	NA	NA	NA
N-Nitrosopyrrolidine	0.21	NA	NA	NA
o,o,o-Triethylphosphorothioate	11	NA	NA	NA
o-Toluidine	1.9	NA	NA	NA
p-Dimethylaminoazobenzene	0.99	NA	NA	NA
Pentachlorobenzene	44	NA	NA	NA
Pentachloroethane	2.8	NA	NA	NA
Pentachloronitrobenzene	1.7	NA	NA	NA
Pentachlorophenol	2.5	NA	NA	NA

**TABLE E-7
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-9 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type:	EPA Region 9	PDI	PDI	PDI
Location ID:	Residential	19-9-9-SB-3-SS	19-9-9-SB-3-W	19-9-9-SB-9
Sample ID:	PRGs	19-9-9-SB-3-SS	19-9-9-SB-3-W	19-9-9-SB-9
Sample Depth(Feet):		1-3	1-3	7-9
Date Collected:		07/15/08	10/26/05	07/15/08
Parameter				
Semivolatile Organics (continued)				
Phenacetin	640	NA	NA	NA
Phenanthrene	55	NA	NA	NA
Phenol	33,000	NA	NA	NA
Pronamide	4,100	NA	NA	NA
Pyrene	1,500	NA	NA	NA
Pyridine	55	NA	NA	NA
Safrole	Not Listed	NA	NA	NA
Thionazin	330	NA	NA	NA
Herbicides				
Dinoseb	55	NA	NA	NA
Furans				
2,3,7,8-TCDF	Not Applicable	NA	NA	NA
TCDFs (total)	Not Applicable	NA	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	NA	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	NA	NA	NA
PeCDFs (total)	Not Applicable	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	NA	NA	NA
HxCDFs (total)	Not Applicable	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	NA	NA
HpCDFs (total)	Not Applicable	NA	NA	NA
OCDF	Not Applicable	NA	NA	NA
Dioxins				
2,3,7,8-TCDD	Not Applicable	NA	NA	NA
TCDDs (total)	Not Applicable	NA	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	NA	NA	NA
PeCDDs (total)	Not Applicable	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	NA	NA	NA
HxCDDs (total)	Not Applicable	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	NA	NA
HpCDDs (total)	Not Applicable	NA	NA	NA
OCDD	Not Applicable	NA	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	NA	NA	NA
Inorganics				
Antimony	30	NA	NA	NA
Arsenic	0.38	NA	NA	NA
Barium	5,200	NA	NA	NA
Beryllium	150	NA	NA	NA
Cadmium	37	NA	NA	NA
Chromium	210	NA	NA	NA
Cobalt	3,300	NA	NA	NA
Copper	2,800	NA	NA	NA
Lead	400	406	520	308
Mercury	22	NA	NA	NA
Nickel	1,500	NA	NA	NA
Selenium	370	NA	NA	NA
Silver	370	NA	NA	NA
Thallium	6	NA	NA	NA
Tin	45,000	NA	NA	NA
Vanadium	520	NA	NA	NA
Zinc	22,000	NA	NA	NA
Cyanide	11	NA	NA	NA
Sulfide	350	NA	ND(6.60)	NA

**TABLE E-7
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-9 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Data Types: PDI = GE Pre-Design Investigation soil sampling; EPA = EPA soil sampling.
3. PDI Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS (approved March 15, 2007 and re-submitted March 30, 2007).
4. NA - Not Analyzed.
5. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
6. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.

Data Qualifiers:

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

- J - Estimated Value.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- 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 - Estimated Value.

**TABLE E-8
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
PARCEL I9-9-9 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Analytical Parameter	Maximum Detect	USEPA EPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
2-Butanone	0.059	6,900	No
Acetone	0.23	1,400	No
Carbon Disulfide	0.046	350	No
Methylene Chloride	0.0049	8.5	No
Naphthalene	0.067	55	No
Toluene	0.002	520	No
Semivolatile Organics			
1,2,4-Trichlorobenzene	0.054	480	No
2,4-Dinitrotoluene	0.38	110	No
2-Methylnaphthalene	0.36	55*	No
3&4-Methylphenol	0.16	270	No
4-Methylphenol	0.1	270	No
Acenaphthene	1.7	2,600	No
Acenaphthylene	1.3	55*	No
Aniline	1.6	78	No
Anthracene	9.4	14,000	No
Benzo(a)anthracene	21	0.56	Yes
Benzo(a)pyrene	16	0.056	Yes
Benzo(b)fluoranthene	12	0.56	Yes
Benzo(g,h,i)perylene	7.4	55*	No
Benzo(k)fluoranthene	14	5.6	Yes
bis(2-Ethylhexyl)phthalate	0.54	32	No
Chrysene	20	56	No
Dibenzo(a,h)anthracene	1.2	0.056	Yes
Dibenzofuran	1.7	210	No
Fluoranthene	56	2,000	No
Fluorene	3.5	1,800	No
Indeno(1,2,3-cd)pyrene	6.6	0.56	Yes
Naphthalene	3.2	55	No
Phenanthrene	40	55*	No
Pyrene	47	1,500	No
Inorganics			
Antimony	4.8	30	No
Arsenic	14	0.38	Yes
Barium	1,240	5,200	No
Beryllium	0.35	150	No
Cadmium	14	37	No
Chromium	39.8	210	No
Cobalt	11	3,300	No
Copper	1,700	2,800	No
Cyanide	0.97	11*	No
Lead	9,410	400	Yes
Mercury	2	22	No
Nickel	63	1,500	No
Selenium	3.6	370	No
Silver	9.3	370	No
Sulfide	3,900	350*	Yes
Thallium	4.3	6	No
Tin	439	45,000	No
Vanadium	17	520	No
Zinc	2,320	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

**TABLE E-9
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-9: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-9-SB-2 0-1 03/11/05	I9-9-9-SB-3 0-1 06/20/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	0.52	0.48	N/A (See Note 5)	0.50	7	No
Benzo(a)pyrene	0.54	0.36	N/A (See Note 5)	0.45	2	No
Benzo(b)fluoranthene	0.41	0.31	N/A (See Note 5)	0.36	7	No
Benzo(k)fluoranthene	0.59	0.20	N/A (See Note 5)	0.40	70	No
Dibenzo(a,h)anthracene	0.061	0.33	N/A (See Note 5)	0.20	0.7	No
Indeno(1,2,3-cd)pyrene	0.22	0.33	N/A (See Note 5)	0.28	7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	7.80E-06	4.90E-04	4.90E-04	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	6.80	6.10	N/A (See Note 5)	6.45	20	No
Lead	120	330	N/A (See Note 5)	225	300	No
Sulfide	23.0	970	N/A (See Note 5)	497	633*	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

**TABLE E-10
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-9: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-9-SB-3 1-3 06/20/03	I9-9-9-SB-3-S 1-3 05/14/08	I9-9-9-SB-3-SS 1-3 07/15/08	I9-9-9-SB-3-W 1-3 10/26/05	COMP-I9-9-9-SB-3 1-3 (See Note 1)	I9-9-9-SB-2 5-7 03/08/05
Semivolatile Organics						
Benzo(a)anthracene	0.33	--	--	--	--	1.2
Benzo(a)pyrene	0.24	--	--	--	--	1.0
Benzo(b)fluoranthene	0.26	--	--	--	--	1.1
Benzo(k)fluoranthene	0.20	--	--	--	--	1.1
Dibenzo(a,h)anthracene	0.31	--	--	--	--	0.40
Indeno(1,2,3-cd)pyrene	0.18	--	--	--	--	0.41
Dioxins/Furans						
Total TEQs (WHO TEFs)	5.80E-04	--	--	--	--	8.50E-06
Inorganics						
Arsenic	14.0	--	--	--	--	5.90
Lead	780	9,410	406	520	2,779	170
Sulfide	3,900	--	--	3.30	1,952	45.0

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-9-SB-2 / BH001031 (See Note 2)	I9-9-9-SB-2-W 7-9 10/26/05	I9-9-9-SB-2-S 7-9 05/19/08	I9-9-9-SB-9 7-9 07/15/08	COMP-I9-9-9-SB-2 / BH001031 (See Note 3)	Maximum Sample Result
Semivolatile Organics						
Benzo(a)anthracene	12	0.24	1.6	--	4.5	N/A (See Note 8)
Benzo(a)pyrene	9.0	0.24	1.7	--	3.6	N/A (See Note 8)
Benzo(b)fluoranthene	7.0	0.24	1.8	--	3.0	N/A (See Note 8)
Benzo(k)fluoranthene	7.9	0.24	0.83	--	3.0	N/A (See Note 8)
Dibenzo(a,h)anthracene	0.8	0.24	--	--	0.5	N/A (See Note 8)
Indeno(1,2,3-cd)pyrene	3.9	0.24	0.72	--	1.6	N/A (See Note 8)
Dioxins/Furans						
Total TEQs (WHO TEFs)	3.20E-05	--	--	--	--	5.80E-04
Inorganics						
Arsenic	9.05	--	--	--	--	N/A (See Note 8)
Lead	557	15.0	1,510	308	597	N/A (See Note 8)
Sulfide	22.0	--	--	--	--	N/A (See Note 8)

See Notes on Page 2

TABLE E-10
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-9: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	Arithmetic Average Concentration (See Note 6)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 7)	Constituent Exceeds Comparison Criteria? (See Note 8)
Semivolatile Organics			
Benzo(a)anthracene	2.0	7	No
Benzo(a)pyrene	1.6	2	No
Benzo(b)fluoranthene	1.5	7	No
Benzo(k)fluoranthene	1.4	70	No
Dibenzo(a,h)anthracene	0.40	0.7	No
Indeno(1,2,3-cd)pyrene	0.74	7	No
Dioxins/Furans			
Total TEQs (WHO TEFs)	N/A (See Note 8)	1.00E-03	No
Inorganics			
Arsenic	9.65	20	No
Lead	1,182	300	Yes
Sulfide	673	633*	Yes

Notes:

- The lead and sulfide results presented for this sample location represent the average results from the following samples (depth; date collected): I9-9-9-SB-3-S [Pb ONLY] (1-3'; 10/26/05), I9-9-9-SB-3-W (1-3'; 10/26/05), and I9-9-9-SB-3 (1-3'; 10/26/05).
- The SVOC, arsenic, and lead results presented are the average of those observed in EPA sample SL-BH001031-0-0070 and GE sample I9-9-9-SB-2 collected on 3/8/2005 from the 7-9' depth increment. The Total TEQs and sulfide results presented were observed in GE sample I9-9-9-SB-2 collected on 3/8/2005 from the 7-9' depth increment.
- The SVOC and lead results presented for this sample location represent the average result from the following samples (depth; date collected): I9-9-9-SB-2W (7-9'; 10/26/05), and I9-9-9-SB-2/BH001031 (7-9'; 3/8/05) (refer to note 2 regarding this sample).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Not analyzed.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

**TABLE E-11
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-9: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-9-SB-3 1-3 06/20/03	I9-9-9-SB-3-S 1-3 05/14/08	I9-9-9-SB-3-SS 1-3 07/15/08	I9-9-9-SB-3-W 1-3 10/26/05	COMP-I9-9-9-SB-3 1-3 (See Note 1)	I9-9-9-SB-2 5-7 03/08/05
Semivolatile Organics						
Benzo(a)anthracene	0.33	--	--	--	--	1.2
Benzo(a)pyrene	0.24	--	--	--	--	1.0
Benzo(b)fluoranthene	0.26	--	--	--	--	1.1
Benzo(k)fluoranthene	0.20	--	--	--	--	1.1
Dibenzo(a,h)anthracene	0.31	--	--	--	--	0.40
Indeno(1,2,3-cd)pyrene	0.18	--	--	--	--	0.41
Dioxins/Furans						
Total TEQs (WHO TEFs)	5.80E-04	--	--	--	--	8.50E-06
Inorganics						
Arsenic	14.0	--	--	--	--	5.90
Lead	6.24	6.24	406	520	235	170
Sulfide	42.9	--	--	3.30	23	45.0

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-9-SB-2 / BH001031 (See Note 2)	I9-9-9-SB-2-W 7-9 10/26/05	I9-9-9-SB-2-S 7-9 05/19/08	I9-9-9-SB-9 7-9 07/15/08	COMP-I9-9-9-SB-2 / BH001031 (See Note 3)	Maximum Sample Result
Semivolatile Organics						
Benzo(a)anthracene	0.198	0.24	1.6	--	0.7	N/A (See Note 8)
Benzo(a)pyrene	0.198	0.24	1.7	--	0.7	N/A (See Note 8)
Benzo(b)fluoranthene	0.198	0.24	1.8	--	0.7	N/A (See Note 8)
Benzo(k)fluoranthene	0.198	0.24	0.83	--	0.4	N/A (See Note 8)
Dibenzo(a,h)anthracene	0.256	0.24	--	--	0.2	N/A (See Note 8)
Indeno(1,2,3-cd)pyrene	0.256	0.24	0.72	--	0.4	N/A (See Note 8)
Dioxins/Furans						
Total TEQs (WHO TEFs)	3.20E-05	--	--	--	--	5.80E-04
Inorganics						
Arsenic	9.05	--	--	--	--	N/A (See Note 8)
Lead	6.24	15.0	6.24	308	84	N/A (See Note 8)
Sulfide	22.0	--	--	--	--	N/A (See Note 8)

See Notes on Page 2

**TABLE E-11
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-9: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	Arithmetic Average Concentration (See Note 6)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 7)	Constituent Exceeds Comparison Criteria? (See Note 8)
Semivolatile Organics			
Benzo(a)anthracene	0.74	7	No
Benzo(a)pyrene	0.65	2	No
Benzo(b)fluoranthene	0.70	7	No
Benzo(k)fluoranthene	0.57	70	No
Dibenzo(a,h)anthracene	0.32	0.7	No
Indeno(1,2,3-cd)pyrene	0.33	7	No
Dioxins/Furans			
Total TEQs (WHO TEFs)	N/A (See Note 8)	1.00E-03	No
Inorganics			
Arsenic	9.65	20	No
Lead	163	300	No
Sulfide	30	633*	No

Notes:

- The lead and sulfide results presented for this sample location represent the average results from the following samples (depth; date collected): I9-9-9-SB-3-S [Pb ONLY] (1-3'; 10/26/05), I9-9-9-SB-3-SS [Pb ONLY] (1-3'; 7/15/08), I9-9-9-SB-3-W (1-3'; 10/26/05), and I9-9-9-SB-3 (1-3'; 10/26/05).
- The SVOC, arsenic, and lead results presented are the average of those observed in EPA sample SL-BH001031-0-0070 and GE sample I9-9-9-SB-2 collected on 3/8/2005 from the 7-9' depth increment. The Total TEQs and sulfide results presented were observed in GE sample I9-9-9-SB-2 collected on 3/8/2005 from the 7-9' depth increment.
- The SVOC and lead results presented for this sample location represent the average result from the following samples (depth; date collected): I9-9-9-SB-2W (7-9'; 10/26/05), I9-9-9-SB-9 [Pb ONLY] (7-9'; 7/15/08), and I9-9-9-SB-2/BH001031 (7-9'; 3/8/05) (refer to note 2 regarding this sample).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Not analyzed.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

ARCADIS

Parcel I9-9-9 (non-bank)

**TABLE E-12
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-9 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-9-SB-1 0-1 06/23/03	I9-9-9-SB-1 3-5 06/23/03	I9-9-9-SB-1 3-5 03/08/05	I9-9-9-SB-1 7-9 03/08/05	I9-9-9-SB-2-S 7-9 05/19/08
Volatile Organics							
1,1,1,2-Tetrachloroethane		2.8	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
1,1,1-Trichloroethane		680	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
1,1,2,2-Tetrachloroethane		0.36	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
1,1,2-Trichloroethane		0.82	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
1,1-Dichloroethane		570	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
1,1-Dichloroethene		0.052	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
1,2,3-Trichloropropane		0.0014	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
1,2-Dibromo-3-chloropropane		0.32	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
1,2-Dibromoethane		0.0049	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
1,2-Dichloroethane		0.34	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
1,2-Dichloropropane		0.34	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
1,4-Dioxane		40	ND(0.14) J	NA	ND(0.11) J	ND(0.15) J	NA
2-Butanone		6,900	ND(0.014)	NA	ND(0.011)	ND(0.015)	NA
2-Chloro-1,3-butadiene		3.6	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
2-Chloroethylvinylether		0.18	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
2-Hexanone		750	ND(0.014)	NA	ND(0.011)	ND(0.015)	NA
3-Chloropropene		2,700	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
4-Methyl-2-pentanone		750	ND(0.014)	NA	ND(0.011)	ND(0.015)	NA
Acetone		1,400	ND(0.028)	NA	ND(0.021)	ND(0.031)	NA
Acetonitrile		200	ND(0.14) J	NA	ND(0.11) J	ND(0.15) J	NA
Acrolein		0.1	ND(0.14) J	NA	ND(0.11) J	ND(0.15) J	NA
Acrylonitrile		0.19	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
Benzene		0.62	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
Bromodichloromethane		0.98	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
Bromoform		56	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
Bromomethane		3.8	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
Carbon Disulfide		350	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
Carbon Tetrachloride		0.23	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
Chlorobenzene		54	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
Chloroethane		1,600	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
Chloroform		0.24	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
Chloromethane		1.2	ND(0.0070)	NA	ND(0.0053) J	ND(0.0077) J	NA
cis-1,3-Dichloropropene		Not Listed	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
Dibromochloromethane		5.3	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
Dibromomethane		550	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
Dichlorodifluoromethane		94	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
Ethyl Methacrylate		140	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
Ethylbenzene		230	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
Iodomethane		1.2	ND(0.0070) J	NA	ND(0.0053)	ND(0.0077)	NA
Isobutanol		10,000	ND(0.14) J	NA	ND(0.11) J	ND(0.15) J	NA
Methacrylonitrile		1.8	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
Methyl Methacrylate		2,200	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
Methylene Chloride		8.5	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
Propionitrile		200	ND(0.014)	NA	ND(0.011) J	ND(0.015) J	NA
Styrene		1,700	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
Tetrachloroethene		4.7	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
Toluene		520	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
trans-1,2-Dichloroethene		62	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
trans-1,3-Dichloropropene		Not Listed	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
Trichloroethene		2.7	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
Trichlorofluoromethane		380	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
Vinyl Acetate		420	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
Vinyl Chloride		0.021	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
Xylenes (total)		210	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		16	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
1,2,4-Trichlorobenzene		480	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
1,2-Dichlorobenzene		370	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)

**TABLE E-12
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-9 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-9-SB-1 0-1 06/23/03	I9-9-9-SB-1 3-5 06/23/03	I9-9-9-SB-1 3-5 03/08/05	I9-9-9-SB-1 7-9 03/08/05	I9-9-9-SB-2-S 7-9 05/19/08
Semivolatile Organics (continued)							
1,2-Diphenylhydrazine		0.56	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
1,3,5-Trinitrobenzene		1,600	ND(0.50) J	ND(0.58) J	NA	ND(2.0) J	ND(2.4)
1,3-Dichlorobenzene		41	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
1,3-Dinitrobenzene		5.5	ND(0.94)	ND(1.0)	NA	ND(2.0)	ND(0.47)
1,4-Dichlorobenzene		3	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
1,4-Naphthoquinone		55	ND(0.94)	ND(1.0)	NA	ND(2.0) J	ND(0.47)
1-Naphthylamine		Not Listed	ND(0.94)	ND(1.0)	NA	ND(2.0)	ND(2.4) J
2,3,4,6-Tetrachlorophenol		1,600	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
2,4,5-Trichlorophenol		5,500	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
2,4,6-Trichlorophenol		40	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
2,4-Dichlorophenol		160	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
2,4-Dimethylphenol		1100	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
2,4-Dinitrophenol		110	ND(2.5) J	ND(2.9) J	NA	ND(10)	R
2,4-Dinitrotoluene		110	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
2,6-Dichlorophenol		160	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
2,6-Dinitrotoluene		55	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
2-Acetylaminofluorene		0.56	ND(0.94)	ND(1.0)	NA	ND(2.0)	ND(0.94)
2-Chloronaphthalene		3,700	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
2-Chlorophenol		59	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
2-Methylnaphthalene		55	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
2-Methylphenol		2,700	0.22 J	0.12 J	NA	ND(2.0)	ND(0.47)
2-Naphthylamine		Not Listed	ND(0.94) J	ND(1.0) J	NA	ND(2.0)	ND(2.4) J
2-Nitroaniline		3.3	ND(2.5)	ND(2.9)	NA	ND(10)	ND(0.47)
2-Nitrophenol		Not Listed	ND(0.94)	ND(1.0)	NA	ND(2.0)	ND(0.47)
2-Picoline		55	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
3&4-Methylphenol		270	1.2	0.49 J	NA	ND(2.0)	0.16 J
3,3'-Dichlorobenzidine		0.99	0.13 J	ND(1.2)	NA	ND(4.1)	ND(0.94) J
3,3'-Dimethylbenzidine		0.048	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(2.4) J
3-Methylcholanthrene		0.056	ND(0.94)	ND(1.0)	NA	ND(2.0)	ND(0.47)
3-Nitroaniline		5.5	ND(2.5)	ND(2.9)	NA	ND(10)	ND(2.4) J
4,6-Dinitro-2-methylphenol		55	ND(0.50)	ND(0.58)	NA	ND(2.0) J	ND(2.4) J
4-Aminobiphenyl		1,400	ND(0.94)	ND(1.0)	NA	ND(2.0)	ND(0.47)
4-Bromophenyl-phenylether		160	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
4-Chloro-3-Methylphenol		2,700	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
4-Chloroaniline		220	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(2.4)
4-Chlorobenzilate		1.6	ND(0.94)	ND(1.0)	NA	ND(2.0)	ND(0.47)
4-Chlorophenyl-phenylether		Not Listed	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
4-Nitroaniline		5.5	ND(2.4)	ND(2.6)	NA	ND(2.6)	ND(2.4)
4-Nitrophenol		3,400	ND(2.5) J	ND(2.9) J	NA	ND(10)	ND(2.4)
4-Nitroquinoline-1-oxide		110	ND(0.94)	ND(1.0)	NA	ND(2.0) J	ND(2.4)
4-Phenylenediamine		10,000	ND(0.94)	ND(1.0)	NA	ND(2.0)	ND(0.94) J
5-Nitro-o-toluidine		13	ND(0.94)	ND(1.0)	NA	ND(2.0)	ND(0.47)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.94)	ND(1.0)	NA	ND(2.0)	ND(0.47)
a,a'-Dimethylphenethylamine		55	ND(0.94)	ND(1.0)	NA	ND(2.0) J	ND(2.4)
Acenaphthene		2,600	1.8	8.5	NA	ND(2.0)	0.27 J
Acenaphthylene		55	ND(0.50)	ND(0.58)	NA	ND(2.0)	0.24 J
Acetophenone		0.49	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
Aniline		78	0.32 J	3.9	NA	ND(2.0) J	ND(0.47)
Anthracene		14,000	ND(0.50)	ND(0.58)	NA	0.20 J	0.54
Aramite		18	ND(0.94)	ND(1.0)	NA	ND(2.0)	ND(0.47)
Benzidine		0.0019	ND(1.0)	ND(1.2)	NA	ND(4.1) J	ND(0.94)
Benzo(a)anthracene		0.56	ND(0.50)	ND(0.58)	NA	0.44 J	1.6
Benzo(a)pyrene		0.056	ND(0.50)	ND(0.58)	NA	0.54 J	1.7
Benzo(b)fluoranthene		0.56	ND(0.50)	ND(0.58)	NA	0.44 J	1.8 J
Benzo(g,h,i)perylene		55	ND(0.50)	ND(0.58)	NA	ND(2.0)	0.76 J
Benzo(k)fluoranthene		5.6	ND(0.50)	ND(0.58)	NA	0.50 J	0.83 J
Benzyl Alcohol		16,000	ND(1.0)	ND(1.2)	NA	ND(4.1)	ND(0.94)
bis(2-Chloroethoxy)methane		Not Listed	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
bis(2-Chloroethyl)ether		0.18	ND(0.50) J	ND(0.58) J	NA	ND(2.0)	ND(0.47)

**TABLE E-12
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-9 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-9-SB-1 0-1 06/23/03	I9-9-9-SB-1 3-5 06/23/03	I9-9-9-SB-1 3-5 03/08/05	I9-9-9-SB-1 7-9 03/08/05	I9-9-9-SB-2-S 7-9 05/19/08
Semivolatile Organics (continued)							
bis(2-Chloroisopropyl)ether		2.5	ND(0.50) J	ND(0.58) J	NA	ND(2.0)	ND(0.47)
bis(2-Ethylhexyl)phthalate		32	ND(0.46)	ND(0.50)	NA	ND(1.0)	ND(0.47)
Butylbenzylphthalate		930	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
Chrysene		56	ND(0.50)	0.14 J	NA	0.51 J	1.6
Diallate		7.3	ND(0.94)	ND(1.0)	NA	ND(2.0)	ND(0.47)
Dibenzo(a,h)anthracene		0.056	ND(0.50)	ND(0.58)	NA	ND(1.0)	ND(0.47)
Dibenzofuran		210	ND(0.50)	ND(0.58)	NA	ND(2.0)	0.11 J
Diethylphthalate		44,000	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
Dimethylphthalate		100,000	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
Di-n-Butylphthalate		5,500	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
Di-n-Octylphthalate		1,100	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
Diphenylamine		1,400	ND(0.50)	ND(0.58)	NA	ND(2.0) J	ND(0.47)
Ethyl Methanesulfonate		Not Listed	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
Fluoranthene		2,000	ND(0.50)	0.28 J	NA	0.84 J	3.5
Fluorene		1,800	ND(0.50)	ND(0.58)	NA	ND(2.0)	0.19 J
Hexachlorobenzene		0.28	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
Hexachlorobutadiene		5.7	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
Hexachlorocyclopentadiene		380	ND(0.50) J	ND(0.58) J	NA	ND(2.0) J	ND(0.94) J
Hexachloroethane		32	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
Hexachlorophene		16	ND(1.0) J	ND(1.2) J	NA	ND(4.1) J	ND(0.47) J
Hexachloropropene		Not Listed	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.94)
Indeno(1,2,3-cd)pyrene		0.56	ND(0.50)	ND(0.58)	NA	ND(2.0)	0.72
Isodrin		Not Listed	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
Isophorone		470	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
Isosafrole		Not Listed	ND(0.94)	ND(1.0)	NA	ND(2.0) J	ND(0.47)
Methapyrilene		55	ND(0.94)	ND(1.0)	NA	ND(2.0) J	ND(0.47)
Methyl Methanesulfonate		Not Listed	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
Naphthalene		55	0.29 J	0.38 J	NA	ND(2.0)	0.20 J
Nitrobenzene		16	0.15 J	ND(0.58)	NA	ND(2.0)	ND(0.47)
N-Nitrosodiethylamine		0.003	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
N-Nitrosodimethylamine		0.0087	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
N-Nitroso-di-n-butylamine		0.022	ND(0.94)	ND(1.0)	NA	ND(2.0)	ND(0.47) J
N-Nitroso-di-n-propylamine		0.063	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
N-Nitrosodiphenylamine		91	ND(0.50)	ND(0.58)	NA	ND(2.0)	NA
N-Nitrosomethylethylamine		0.02	ND(0.94)	ND(1.0)	NA	ND(2.0)	ND(0.47)
N-Nitrosomorpholine		0.21	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
N-Nitrosopiperidine		0.21	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
N-Nitrosopyrrolidine		0.21	ND(0.94)	ND(1.0)	NA	ND(2.0)	ND(0.47)
o,o,o-Triethylphosphorothioate		11	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
o-Toluidine		1.9	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
p-Dimethylaminoazobenzene		0.99	ND(0.94)	ND(1.0)	NA	ND(2.0)	ND(0.47)
Pentachlorobenzene		44	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
Pentachloroethane		2.8	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
Pentachloronitrobenzene		1.7	ND(0.94)	ND(1.0)	NA	ND(2.0)	ND(0.47)
Pentachlorophenol		2.5	ND(2.5)	ND(2.9)	NA	ND(10)	ND(2.4)
Phenacetin		640	ND(0.94)	ND(1.0)	NA	ND(2.0)	ND(0.47)
Phenanthrene		55	ND(0.50)	0.16 J	NA	0.42 J	1.7
Phenol		33,000	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
Pronamide		4,100	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
Pyrene		1,500	ND(0.50)	0.31 J	NA	0.92 J	3.4
Pyridine		55	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.47)
Safrole		Not Listed	ND(0.50) J	ND(0.58) J	NA	ND(2.0) J	ND(0.47)
Thionazin		330	ND(0.50)	ND(0.58)	NA	ND(2.0)	ND(0.94)

**TABLE E-12
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-9 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-9-SB-1 0-1 06/23/03	I9-9-9-SB-1 3-5 06/23/03	I9-9-9-SB-1 3-5 03/08/05	I9-9-9-SB-1 7-9 03/08/05	I9-9-9-SB-2-S 7-9 05/19/08
Furans							
2,3,7,8-TCDF		Not Applicable	ND(0.00037) XY	NA	0.0000021 YI	0.000017 Y	NA
TCDFs (total)		Not Applicable	0.0019	NA	0.000015	0.000016	NA
1,2,3,7,8-PeCDF		Not Applicable	0.00079 I	NA	ND(0.00000092)	0.0000065 J	NA
2,3,4,7,8-PeCDF		Not Applicable	0.000033	NA	ND(0.0000015)	0.0000080	NA
PeCDFs (total)		Not Applicable	0.0011	NA	0.000011	0.000084	NA
1,2,3,4,7,8-HxCDF		Not Applicable	0.0018 I	NA	ND(0.0000016)	0.0000080	NA
1,2,3,6,7,8-HxCDF		Not Applicable	0.00019	NA	ND(0.00000091)	0.0000052 J	NA
1,2,3,7,8,9-HxCDF		Not Applicable	0.000017	NA	ND(0.00000024)	ND(0.00000095)	NA
2,3,4,6,7,8-HxCDF		Not Applicable	0.00013	NA	ND(0.00000076)	0.0000044 J	NA
HxCDFs (total)		Not Applicable	0.0040	NA	0.000010	0.000063	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.00076	NA	0.0000066	0.000018	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.00030	NA	ND(0.00000038)	ND(0.0000018)	NA
HpCDFs (total)		Not Applicable	0.0012	NA	0.000017	0.000024	NA
OCDF		Not Applicable	0.0013	NA	0.000015	0.000014 J	NA
Dioxins							
2,3,7,8-TCDD		Not Applicable	ND(0.0000017)	NA	ND(0.00000028)	ND(0.00000038)	NA
TCDDs (total)		Not Applicable	0.00015	NA	ND(0.00000028)	0.0000044	NA
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000053)	NA	ND(0.00000034)	ND(0.00000072)	NA
PeCDDs (total)		Not Applicable	ND(0.0000053)	NA	ND(0.00000043)	ND(0.0000031)	NA
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.0000033)	NA	ND(0.00000016)	ND(0.00000042)	NA
1,2,3,6,7,8-HxCDD		Not Applicable	0.000023	NA	ND(0.00000060)	ND(0.0000012)	NA
1,2,3,7,8,9-HxCDD		Not Applicable	0.000014	NA	ND(0.00000031)	ND(0.0000014)	NA
HxCDDs (total)		Not Applicable	0.000037	NA	ND(0.0000014)	0.0000092	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.00036	NA	0.000014	0.0000074	NA
HpCDDs (total)		Not Applicable	0.00071	NA	0.000024	0.000015	NA
OCDD		Not Applicable	0.0031	NA	0.00011	0.000032	NA
Total TEQs (WHO TEFs)		Not Applicable	0.00031	NA	0.0000014	0.0000088	NA
Inorganics							
Antimony		30	ND(6.00)	NA	ND(6.00)	2.00 B	NA
Arsenic		0.38	3.90	NA	7.10	8.30	NA
Barium		5,200	95.0	NA	26.0	1100	NA
Beryllium		150	ND(0.500)	NA	0.210 B	0.340 B	NA
Cadmium		37	2.30	NA	0.440 B	2.70	NA
Chromium		210	24.0	NA	12.0	17.0	NA
Cobalt		3,300	5.60	NA	12.0	9.30	NA
Copper		2,800	150	NA	30.0	130	NA
Lead		400	340	NA	82.0	730	1510
Mercury		22	0.790	NA	0.0300 B	1.30	NA
Nickel		1,500	23.0	NA	22.0	25.0	NA
Selenium		370	ND(1.00) J	NA	1.60 J	3.20 J	NA
Silver		370	2.30	NA	ND(1.0)	ND(1.2)	NA
Thallium		6	ND(1.40) J	NA	ND(1.10)	ND(1.50)	NA
Tin		45,000	23.0	NA	ND(10.0)	97.0	NA
Vanadium		520	20.0	NA	11.0	12.0	NA
Zinc		22,000	290	NA	150	2900	NA
Cyanide		11	0.280	NA	0.120 B	0.750	NA
Sulfide		350	1200	NA	710	25.0	NA

**TABLE E-12
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-9 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-9-SB-3-SS 1-3 07/15/08	I9-9-9-SB-9 0-1 03/08/05	I9-9-9-SB-9 1-3 03/08/05	I9-9-9-SB-9 7-9 07/15/08
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	NA	ND(0.0062)	ND(0.0056)	NA
1,1,1-Trichloroethane		680	NA	ND(0.0062)	ND(0.0056)	NA
1,1,2,2-Tetrachloroethane		0.36	NA	ND(0.0062) J	ND(0.0056)	NA
1,1,2-Trichloroethane		0.82	NA	ND(0.0062)	ND(0.0056)	NA
1,1-Dichloroethane		570	NA	ND(0.0062)	ND(0.0056)	NA
1,1-Dichloroethene		0.052	NA	ND(0.0062)	ND(0.0056)	NA
1,2,3-Trichloropropane		0.0014	NA	ND(0.0062)	ND(0.0056)	NA
1,2-Dibromo-3-chloropropane		0.32	NA	ND(0.0062) J	ND(0.0056)	NA
1,2-Dibromoethane		0.0049	NA	ND(0.0062)	ND(0.0056)	NA
1,2-Dichloroethane		0.34	NA	ND(0.0062)	ND(0.0056)	NA
1,2-Dichloropropane		0.34	NA	ND(0.0062)	ND(0.0056)	NA
1,4-Dioxane		40	NA	ND(0.12) J	ND(0.11) J	NA
2-Butanone		6,900	NA	ND(0.012)	ND(0.011)	NA
2-Chloro-1,3-butadiene		3.6	NA	ND(0.0062)	ND(0.0056)	NA
2-Chloroethylvinylether		0.18	NA	ND(0.0062)	ND(0.0056)	NA
2-Hexanone		750	NA	ND(0.012)	ND(0.011)	NA
3-Chloropropene		2,700	NA	ND(0.0062)	ND(0.0056)	NA
4-Methyl-2-pentanone		750	NA	ND(0.012)	ND(0.011)	NA
Acetone		1,400	NA	ND(0.025) J	ND(0.022)	NA
Acetonitrile		200	NA	ND(0.12) J	ND(0.11) J	NA
Acrolein		0.1	NA	ND(0.12) J	ND(0.11) J	NA
Acrylonitrile		0.19	NA	ND(0.0062)	ND(0.0056)	NA
Benzene		0.62	NA	ND(0.0062)	ND(0.0056)	NA
Bromodichloromethane		0.98	NA	ND(0.0062) J	ND(0.0056)	NA
Bromoform		56	NA	ND(0.0062)	ND(0.0056)	NA
Bromomethane		3.8	NA	ND(0.0062)	ND(0.0056)	NA
Carbon Disulfide		350	NA	ND(0.0062)	ND(0.0056)	NA
Carbon Tetrachloride		0.23	NA	ND(0.0062)	ND(0.0056)	NA
Chlorobenzene		54	NA	ND(0.0062)	ND(0.0056)	NA
Chloroethane		1,600	NA	ND(0.0062)	ND(0.0056)	NA
Chloroform		0.24	NA	ND(0.0062)	ND(0.0056)	NA
Chloromethane		1.2	NA	ND(0.0062)	ND(0.0056) J	NA
cis-1,3-Dichloropropene		Not Listed	NA	ND(0.0062)	ND(0.0056)	NA
Dibromochloromethane		5.3	NA	ND(0.0062) J	ND(0.0056)	NA
Dibromomethane		550	NA	ND(0.0062)	ND(0.0056)	NA
Dichlorodifluoromethane		94	NA	ND(0.0062)	ND(0.0056)	NA
Ethyl Methacrylate		140	NA	ND(0.0062)	ND(0.0056)	NA
Ethylbenzene		230	NA	ND(0.0062)	ND(0.0056)	NA
Iodomethane		1.2	NA	ND(0.0062)	ND(0.0056)	NA
Isobutanol		10,000	NA	ND(0.12) J	ND(0.11) J	NA
Methacrylonitrile		1.8	NA	ND(0.0062)	ND(0.0056)	NA
Methyl Methacrylate		2,200	NA	ND(0.0062) J	ND(0.0056)	NA
Methylene Chloride		8.5	NA	ND(0.0062)	ND(0.0056)	NA
Propionitrile		200	NA	ND(0.012) J	ND(0.011) J	NA
Styrene		1,700	NA	ND(0.0062)	ND(0.0056)	NA
Tetrachloroethene		4.7	NA	ND(0.0062)	ND(0.0056)	NA
Toluene		520	NA	ND(0.0062)	ND(0.0056)	NA
trans-1,2-Dichloroethene		62	NA	ND(0.0062)	ND(0.0056)	NA
trans-1,3-Dichloropropene		Not Listed	NA	ND(0.0062)	ND(0.0056)	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	ND(0.0062)	ND(0.0056)	NA
Trichloroethene		2.7	NA	ND(0.0062)	ND(0.0056)	NA
Trichlorofluoromethane		380	NA	ND(0.0062)	ND(0.0056)	NA
Vinyl Acetate		420	NA	ND(0.0062) J	ND(0.0056)	NA
Vinyl Chloride		0.021	NA	ND(0.0062)	ND(0.0056)	NA
Xylenes (total)		210	NA	ND(0.0062) J	ND(0.0056)	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	NA	ND(0.41)	ND(0.37)	NA
1,2,4-Trichlorobenzene		480	NA	ND(0.41)	ND(0.37)	NA
1,2-Dichlorobenzene		370	NA	ND(0.41)	ND(0.37)	NA

**TABLE E-12
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-9 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-9-SB-3-SS 1-3 07/15/08	I9-9-9-SB-9 0-1 03/08/05	I9-9-9-SB-9 1-3 03/08/05	I9-9-9-SB-9 7-9 07/15/08
Semivolatile Organics (continued)						
1,2-Diphenylhydrazine		0.56	NA	ND(0.41)	ND(0.37)	NA
1,3,5-Trinitrobenzene		1,600	NA	ND(0.41)	ND(0.37)	NA
1,3-Dichlorobenzene		41	NA	ND(0.41)	ND(0.37)	NA
1,3-Dinitrobenzene		5.5	NA	ND(0.82)	ND(0.75)	NA
1,4-Dichlorobenzene		3	NA	ND(0.41)	ND(0.37)	NA
1,4-Naphthoquinone		55	NA	ND(0.82) J	ND(0.75) J	NA
1-Naphthylamine		Not Listed	NA	ND(0.82)	ND(0.75)	NA
2,3,4,6-Tetrachlorophenol		1,600	NA	ND(0.41)	ND(0.37)	NA
2,4,5-Trichlorophenol		5,500	NA	ND(0.41)	ND(0.37)	NA
2,4,6-Trichlorophenol		40	NA	ND(0.41)	ND(0.37)	NA
2,4-Dichlorophenol		160	NA	ND(0.41)	ND(0.37)	NA
2,4-Dimethylphenol		1100	NA	ND(0.41)	ND(0.37)	NA
2,4-Dinitrophenol		110	NA	ND(2.1) J	ND(1.9) J	NA
2,4-Dinitrotoluene		110	NA	ND(0.41)	ND(0.37)	NA
2,6-Dichlorophenol		160	NA	ND(0.41)	ND(0.37)	NA
2,6-Dinitrotoluene		55	NA	ND(0.41)	ND(0.37)	NA
2-Acetylaminofluorene		0.56	NA	ND(0.82)	ND(0.75)	NA
2-Chloronaphthalene		3,700	NA	ND(0.41)	ND(0.37)	NA
2-Chlorophenol		59	NA	ND(0.41)	ND(0.37)	NA
2-Methylnaphthalene		55	NA	ND(0.41)	ND(0.37)	NA
2-Methylphenol		2,700	NA	ND(0.41)	ND(0.37)	NA
2-Naphthylamine		Not Listed	NA	ND(0.82)	ND(0.75)	NA
2-Nitroaniline		3.3	NA	ND(2.1)	ND(1.9)	NA
2-Nitrophenol		Not Listed	NA	ND(0.82)	ND(0.75)	NA
2-Picoline		55	NA	ND(0.41)	ND(0.37)	NA
3&4-Methylphenol		270	NA	0.062 J	ND(0.75)	NA
3,3'-Dichlorobenzidine		0.99	NA	ND(0.82)	ND(0.75)	NA
3,3'-Dimethylbenzidine		0.048	NA	ND(0.41)	ND(0.37)	NA
3-Methylcholanthrene		0.056	NA	ND(0.82)	ND(0.75)	NA
3-Nitroaniline		5.5	NA	ND(2.1)	ND(1.9)	NA
4,6-Dinitro-2-methylphenol		55	NA	ND(0.41) J	ND(0.37) J	NA
4-Aminobiphenyl		1,400	NA	ND(0.82)	ND(0.75)	NA
4-Bromophenyl-phenylether		160	NA	ND(0.41)	ND(0.37)	NA
4-Chloro-3-Methylphenol		2,700	NA	ND(0.41)	ND(0.37)	NA
4-Chloroaniline		220	NA	ND(0.41)	ND(0.37)	NA
4-Chlorobenzilate		1.6	NA	ND(0.82)	ND(0.75)	NA
4-Chlorophenyl-phenylether		Not Listed	NA	ND(0.41)	ND(0.37)	NA
4-Nitroaniline		5.5	NA	ND(2.1)	ND(1.9)	NA
4-Nitrophenol		3,400	NA	ND(2.1)	ND(1.9)	NA
4-Nitroquinoline-1-oxide		110	NA	ND(0.82) J	ND(0.75) J	NA
4-Phenylenediamine		10,000	NA	ND(0.82)	ND(0.75)	NA
5-Nitro-o-toluidine		13	NA	ND(0.82)	ND(0.75)	NA
7,12-Dimethylbenz(a)anthracene		0.056	NA	ND(0.82)	ND(0.75)	NA
a,a'-Dimethylphenethylamine		55	NA	ND(0.82) J	ND(0.75) J	NA
Acenaphthene		2,600	NA	ND(0.41)	ND(0.37)	NA
Acenaphthylene		55	NA	ND(0.41)	0.10 J	NA
Acetophenone		0.49	NA	ND(0.41)	ND(0.37)	NA
Aniline		78	NA	ND(0.41) J	ND(0.37) J	NA
Anthracene		14,000	NA	0.057 J	0.053 J	NA
Aramite		18	NA	ND(0.82)	ND(0.75)	NA
Benzidine		0.0019	NA	ND(0.82) J	ND(0.75) J	NA
Benzo(a)anthracene		0.56	NA	0.20 J	0.25 J	NA
Benzo(a)pyrene		0.056	NA	0.17 J	0.26 J	NA
Benzo(b)fluoranthene		0.56	NA	0.16 J	0.24 J	NA
Benzo(g,h,i)perylene		55	NA	0.086 J	0.16 J	NA
Benzo(k)fluoranthene		5.6	NA	0.18 J	0.25 J	NA
Benzyl Alcohol		16,000	NA	ND(0.82)	ND(0.75)	NA
bis(2-Chloroethoxy)methane		Not Listed	NA	ND(0.41)	ND(0.37)	NA
bis(2-Chloroethyl)ether		0.18	NA	ND(0.41)	ND(0.37)	NA

**TABLE E-12
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-9 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-9-SB-3-SS 1-3 07/15/08	I9-9-9-SB-9 0-1 03/08/05	I9-9-9-SB-9 1-3 03/08/05	I9-9-9-SB-9 7-9 07/15/08
Semivolatile Organics (continued)						
bis(2-Chloroisopropyl)ether		2.5	NA	ND(0.41)	ND(0.37)	NA
bis(2-Ethylhexyl)phthalate		32	NA	ND(0.41)	0.33 J	NA
Butylbenzylphthalate		930	NA	ND(0.41)	ND(0.37)	NA
Chrysene		56	NA	0.22 J	0.28 J	NA
Diallate		7.3	NA	ND(0.82)	ND(0.75)	NA
Dibenzo(a,h)anthracene		0.056	NA	ND(0.41)	0.045 J	NA
Dibenzofuran		210	NA	ND(0.41)	ND(0.37)	NA
Diethylphthalate		44,000	NA	ND(0.41)	ND(0.37)	NA
Dimethylphthalate		100,000	NA	ND(0.41)	ND(0.37)	NA
Di-n-Butylphthalate		5,500	NA	ND(0.41)	ND(0.37)	NA
Di-n-Octylphthalate		1,100	NA	ND(0.41)	ND(0.37)	NA
Diphenylamine		1,400	NA	ND(0.41)	ND(0.37)	NA
Ethyl Methanesulfonate		Not Listed	NA	ND(0.41)	ND(0.37)	NA
Fluoranthene		2,000	NA	0.39 J	0.41	NA
Fluorene		1,800	NA	ND(0.41)	ND(0.37)	NA
Hexachlorobenzene		0.28	NA	ND(0.41)	ND(0.37)	NA
Hexachlorobutadiene		5.7	NA	ND(0.41)	ND(0.37)	NA
Hexachlorocyclopentadiene		380	NA	ND(0.41) J	ND(0.37) J	NA
Hexachloroethane		32	NA	ND(0.41)	ND(0.37)	NA
Hexachlorophene		16	NA	ND(0.82) J	ND(0.75) J	NA
Hexachloropropene		Not Listed	NA	ND(0.41)	ND(0.37)	NA
Indeno(1,2,3-cd)pyrene		0.56	NA	0.077 J	0.13 J	NA
Isodrin		Not Listed	NA	ND(0.41)	ND(0.37)	NA
Isophorone		470	NA	ND(0.41) J	ND(0.37) J	NA
Isosafrole		Not Listed	NA	ND(0.82) J	ND(0.75) J	NA
Methapyrene		55	NA	ND(0.82) J	ND(0.75) J	NA
Methyl Methanesulfonate		Not Listed	NA	ND(0.41)	ND(0.37)	NA
Naphthalene		55	NA	0.051 J	ND(0.37)	NA
Nitrobenzene		16	NA	ND(0.41)	ND(0.37)	NA
N-Nitrosodiethylamine		0.003	NA	ND(0.41)	ND(0.37)	NA
N-Nitrosodimethylamine		0.0087	NA	ND(0.41)	ND(0.37)	NA
N-Nitroso-di-n-butylamine		0.022	NA	ND(0.82)	ND(0.75)	NA
N-Nitroso-di-n-propylamine		0.063	NA	ND(0.41)	ND(0.37)	NA
N-Nitrosodiphenylamine		91	NA	ND(0.41)	ND(0.37)	NA
N-Nitrosomethylethylamine		0.02	NA	ND(0.82)	ND(0.75)	NA
N-Nitrosomorpholine		0.21	NA	ND(0.41)	ND(0.37)	NA
N-Nitrosopiperidine		0.21	NA	ND(0.41)	ND(0.37)	NA
N-Nitrosopyrrolidine		0.21	NA	ND(0.82)	ND(0.75)	NA
o,o,o-Triethylphosphorothioate		11	NA	ND(0.41)	ND(0.37)	NA
o-Toluidine		1.9	NA	ND(0.41)	ND(0.37)	NA
p-Dimethylaminoazobenzene		0.99	NA	ND(0.82)	ND(0.75)	NA
Pentachlorobenzene		44	NA	ND(0.41)	ND(0.37)	NA
Pentachloroethane		2.8	NA	ND(0.41)	ND(0.37)	NA
Pentachloronitrobenzene		1.7	NA	ND(0.82)	ND(0.75)	NA
Pentachlorophenol		2.5	NA	ND(2.1)	ND(1.9)	NA
Phenacetin		640	NA	ND(0.82)	ND(0.75)	NA
Phenanthrene		55	NA	0.22 J	0.20 J	NA
Phenol		33,000	NA	ND(0.41)	ND(0.37)	NA
Pronamide		4,100	NA	ND(0.41)	ND(0.37)	NA
Pyrene		1,500	NA	0.40 J	0.46	NA
Pyridine		55	NA	ND(0.41)	ND(0.37)	NA
Safrole		Not Listed	NA	ND(0.41) J	ND(0.37) J	NA
Thionazin		330	NA	ND(0.41)	ND(0.37)	NA

**TABLE E-12
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-9 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-9-SB-3-SS 1-3 07/15/08	I9-9-9-SB-9 0-1 03/08/05	I9-9-9-SB-9 1-3 03/08/05	I9-9-9-SB-9 7-9 07/15/08
Furans						
2,3,7,8-TCDF		Not Applicable	NA	0.000077 YI	0.000015 YI	NA
TCDFs (total)		Not Applicable	NA	0.000089	0.000016	NA
1,2,3,7,8-PeCDF		Not Applicable	NA	ND(0.0000037)	0.000053 J	NA
2,3,4,7,8-PeCDF		Not Applicable	NA	0.000084	0.000077	NA
PeCDFs (total)		Not Applicable	NA	0.00029	0.00021	NA
1,2,3,4,7,8-HxCDF		Not Applicable	NA	0.000072 J	0.000088	NA
1,2,3,6,7,8-HxCDF		Not Applicable	NA	0.000010 I	0.000096 I	NA
1,2,3,7,8,9-HxCDF		Not Applicable	NA	ND(0.0000021)	ND(0.0000093)	NA
2,3,4,6,7,8-HxCDF		Not Applicable	NA	0.000011	0.000078	NA
HxCDFs (total)		Not Applicable	NA	0.00025	0.00017	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	NA	0.000027	0.000043	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	NA	ND(0.0000022)	0.000030 J	NA
HpCDFs (total)		Not Applicable	NA	0.000055	0.000099	NA
OCDF		Not Applicable	NA	0.000030	0.000062	NA
Dioxins						
2,3,7,8-TCDD		Not Applicable	NA	ND(0.0000035)	ND(0.0000023)	NA
TCDDs (total)		Not Applicable	NA	0.000017	0.000027	NA
1,2,3,7,8-PeCDD		Not Applicable	NA	ND(0.0000011)	ND(0.0000064)	NA
PeCDDs (total)		Not Applicable	NA	ND(0.0000035)	ND(0.0000037)	NA
1,2,3,4,7,8-HxCDD		Not Applicable	NA	ND(0.0000010)	ND(0.0000077)	NA
1,2,3,6,7,8-HxCDD		Not Applicable	NA	ND(0.0000026)	0.000031 J	NA
1,2,3,7,8,9-HxCDD		Not Applicable	NA	ND(0.0000029)	ND(0.0000020)	NA
HxCDDs (total)		Not Applicable	NA	0.000019	0.000027	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	NA	0.000046	0.000055	NA
HpCDDs (total)		Not Applicable	NA	0.000094	0.00011	NA
OCDD		Not Applicable	NA	0.00035	0.00042	NA
Total TEQs (WHO TEFs)		Not Applicable	NA	0.000097	0.000010	NA
Inorganics						
Antimony		30	NA	0.940 B	ND(6.00)	NA
Arsenic		0.38	NA	5.90	6.40	NA
Barium		5,200	NA	43.0	40.0	NA
Beryllium		150	NA	0.250 B	0.280 B	NA
Cadmium		37	NA	0.350 B	0.420 B	NA
Chromium		210	NA	11.0	9.60	NA
Cobalt		3,300	NA	8.70	9.30	NA
Copper		2,800	NA	29.0	28.0	NA
Lead		400	406	100	120	308
Mercury		22	NA	0.0880 B	0.140	NA
Nickel		1,500	NA	18.0	18.0	NA
Selenium		370	NA	1.20 J	1.20 J	NA
Silver		370	NA	ND(1.0)	ND(1.0)	NA
Thallium		6	NA	ND(1.20)	ND(1.10)	NA
Tin		45,000	NA	11.0	ND(10.0)	NA
Vanadium		520	NA	16.0	9.70	NA
Zinc		22,000	NA	110	140	NA
Cyanide		11	NA	0.220	0.140	NA
Sulfide		350	NA	16.0	100	NA

**TABLE E-12
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-9 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- J - Estimated Value.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- 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 - Estimated Value.

**TABLE E-13
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
PARCEL I9-9-9 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Analytical Parameter	Maximum Detect	USEPA EPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Semivolatile Organics			
2-Methylphenol	0.22	2,700	No
3&4-Methylphenol	1.2	270	No
3,3'-Dichlorobenzidine	0.13	0.99	No
Acenaphthene	8.5	2,600	No
Acenaphthylene	0.24	55*	No
Aniline	3.9	78	No
Anthracene	0.54	14,000	No
Benzo(a)anthracene	1.6	0.56	Yes
Benzo(a)pyrene	1.7	0.056	Yes
Benzo(b)fluoranthene	1.8	0.56	Yes
Benzo(g,h,i)perylene	0.76	55*	No
Benzo(k)fluoranthene	0.83	5.6	No
bis(2-Ethylhexyl)phthalate	0.33	32	No
Chrysene	1.6	56	No
Dibenzo(a,h)anthracene	0.045	0.056	No
Dibenzofuran	0.11	210	No
Fluoranthene	3.5	2,000	No
Fluorene	0.19	1,800	No
Indeno(1,2,3-cd)pyrene	0.72	0.56	Yes
Naphthalene	0.38	55	No
Nitrobenzene	0.15	16	No
Phenanthrene	1.7	55*	No
Pyrene	3.4	1,500	No
Inorganics			
Antimony	2	30	No
Arsenic	8.3	0.38	Yes
Barium	1,100	5,200	No
Beryllium	0.34	150	No
Cadmium	2.7	37	No
Chromium	24	210	No
Cobalt	12	3,300	No
Copper	150	2,800	No
Cyanide	0.75	11*	No
Lead	1,510	400	Yes
Mercury	1.3	22	No
Nickel	25	1,500	No
Selenium	3.2	370	No
Silver	2.3	370	No
Sulfide	1,200	350*	Yes
Tin	97	45,000	No
Vanadium	20	520	No
Zinc	2,900	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-14
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-9 - 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-9-SB-1 0-1 06/23/03	I9-9-9-SB-9 0-1 03/08/05	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	0.25	0.20	N/A (See Note 5)	0.23	7	No
Benzo(a)pyrene	0.25	0.17	N/A (See Note 5)	0.21	2	No
Benzo(b)fluoranthene	0.25	0.16	N/A (See Note 5)	0.21	7	No
Indeno(1,2,3-cd)pyrene	0.25	0.077	N/A (See Note 5)	0.16	7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	3.10E-04	9.70E-06	3.10E-04	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	3.90	5.90	N/A (See Note 5)	4.90	20	No
Lead	340	100	N/A (See Note 5)	220	300	No
Sulfide	1,200	16.0	N/A (See Note 5)	608	633*	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Wave 2 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

**TABLE E-15
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-9 - 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-9-SB-3-SS 1-3 07/15/08	I9-9-9-SB-9 1-3 03/08/05	I9-9-9-SB-1 3-5 (See Note 1)	I9-9-9-SB-1 7-9 03/08/05	I9-9-9-SB-2-S 7-9 05/19/08	I9-9-9-SB-9 7-9 07/15/08	COMP-I9-9-9-SB-2-S 7-9 (See Note 4)
Semivolatile Organics							
Benzo(a)anthracene	--	0.25	0.29	0.79	1.6	--	--
Benzo(a)pyrene	--	0.26	0.29	0.64	1.7	--	--
Benzo(b)fluoranthene	--	0.24	0.29	0.59	1.8	--	--
Indeno(1,2,3-cd)pyrene	--	0.13	0.29	2.6	0.72	--	--
Dioxins/Furans							
Total TEQs (WHO TEFs)	--	1.00E-05	1.40E-06	8.80E-06	--	--	--
Inorganics							
Arsenic	--	6.40	7.10	8.30	--	--	--
Lead	406	120	82.0	730	1,510	308	909
Sulfide	--	100	710	25.0	--	--	--

Sample ID: Sample Depth(Feet): Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 5)	0.73	7	No
Benzo(a)pyrene	N/A (See Note 5)	0.72	2	No
Benzo(b)fluoranthene	N/A (See Note 5)	0.73	7	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 5)	0.94	7	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	1.00E-05	N/A (See Note 5)	1.00E-03	No
Inorganics				
Arsenic	N/A (See Note 5)	7.27	20	No
Lead	N/A (See Note 5)	449	300	Yes
Sulfide	N/A (See Note 5)	278	633*	No

Notes:

- The SVOC results were observed in sample I9-9-9-SB-1 collected on 6/23/03 from the 3-5' depth increment. The inorganic and Total TEQs results were observed in sample I9-9-9-SB-1 collected on 3/8/05 from the 3-5' depth increment.
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- The lead result presented for this sample location represents the average results from the following samples (depth; date collected): I9-9-9-SB-2-S (7-9'; 5/19/08) and I9-9-9-SB-9 (7-9'; 7/15/08).
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Wave 2 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- = Not analyzed.

TABLE E-15A
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-9 - 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-9-SB-3-SS 1-3 07/15/08	I9-9-9-SB-9 1-3 03/08/05	I9-9-9-SB-1 3-5 (See Note 1)	I9-9-9-SB-1 7-9 03/08/05	I9-9-9-SB-2-S 7-9 05/19/08	I9-9-9-SB-9 7-9 07/15/08	COMP-I9-9-9-SB-2-S 7-9 (See Note 4)
Semivolatile Organics							
Benzo(a)anthracene	--	0.25	0.29	0.79	1.6	--	--
Benzo(a)pyrene	--	0.26	0.29	0.64	1.7	--	--
Benzo(b)fluoranthene	--	0.24	0.29	0.59	1.8	--	--
Indeno(1,2,3-cd)pyrene	--	0.13	0.29	2.6	0.72	--	--
Dioxins/Furans							
Total TEQs (WHO TEFs)	--	1.00E-05	1.40E-06	8.80E-06	--	--	--
Inorganics							
Arsenic	--	6.40	7.10	8.30	--	--	--
Lead	406	120	82.0	730	6.24	308	157
Sulfide	--	100	710	25.0	--	--	--

Sample ID: Sample Depth(Feet): Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 5)	0.73	7	No
Benzo(a)pyrene	N/A (See Note 5)	0.72	2	No
Benzo(b)fluoranthene	N/A (See Note 5)	0.73	7	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 5)	0.94	7	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	1.00E-05	N/A (See Note 5)	1.00E-03	No
Inorganics				
Arsenic	N/A (See Note 5)	7.27	20	No
Lead	N/A (See Note 5)	299	300	No
Sulfide	N/A (See Note 5)	278	633*	No

Notes:

- The SVOC results were observed in sample I9-9-9-SB-1 collected on 6/23/03 from the 3-5' depth increment. The inorganic and Total TEQs results were observed in sample I9-9-9-SB-1 collected on 3/8/05 from the 3-5' depth increment.
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- The lead result presented for this sample location represents the average results from the following samples (depth; date collected): I9-9-9-SB-2-S (7-9'; 5/19/08) and I9-9-9-SB-9 (7-9'; 7/15/08).
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Wave 2 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

ARCADIS

Parcel I9-9-17 (bank)

**TABLE E-16
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-17 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	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						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
1,1,1-Trichloroethane		680	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
1,1,2-Trichloroethane		0.82	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
1,1-Dichloroethane		570	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
1,1-Dichloroethene		0.052	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
1,2,3-Trichloropropane		0.0014	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
1,2-Dibromoethane		0.0049	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
1,2-Dichloroethane		0.34	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
1,2-Dichloropropane		0.34	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
1,4-Dioxane		40	ND(0.13) J	ND(0.16) J	ND(0.12) J	ND(0.13) J
2-Butanone		6,900	ND(0.013)	ND(0.016)	ND(0.012)	ND(0.013)
2-Chloro-1,3-butadiene		3.6	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
2-Chloroethylvinylether		0.18	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
2-Hexanone		750	ND(0.013)	ND(0.016)	ND(0.012)	ND(0.013)
3-Chloropropane		2,700	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
4-Methyl-2-pentanone		750	ND(0.013)	ND(0.016)	ND(0.012)	ND(0.013)
Acetone		1,400	ND(0.025)	0.032 J	ND(0.024)	ND(0.025)
Acetonitrile		200	ND(0.13) J	ND(0.16) J	ND(0.12) J	ND(0.13) J
Acrolein		0.1	ND(0.13) J	ND(0.16) J	ND(0.12) J	ND(0.13) J
Acrylonitrile		0.19	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Benzene		0.62	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Bromodichloromethane		0.98	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Bromoform		56	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Bromomethane		3.8	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Carbon Disulfide		350	ND(0.0063) J	ND(0.0082) J	ND(0.0060) J	ND(0.0063) J
Carbon Tetrachloride		0.23	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Chlorobenzene		54	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Chloroethane		1,600	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Chloroform		0.24	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Chloromethane		1.2	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
cis-1,3-Dichloropropene		Not Listed	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Dibromochloromethane		5.3	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Dibromomethane		550	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Dichlorodifluoromethane		94	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Ethyl Methacrylate		140	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Ethylbenzene		230	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Iodomethane		1.2	ND(0.0063) J	ND(0.0082) J	ND(0.0060) J	ND(0.0063) J
Isobutanol		10,000	ND(0.13) J	ND(0.16) J	ND(0.12) J	ND(0.13) J
Methacrylonitrile		1.8	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Methyl Methacrylate		2,200	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Methylene Chloride		8.5	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Propionitrile		200	ND(0.013)	ND(0.016)	ND(0.012)	ND(0.013)
Styrene		1,700	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Tetrachloroethene		4.7	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Toluene		520	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
trans-1,2-Dichloroethene		62	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
trans-1,3-Dichloropropene		Not Listed	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Trichloroethene		2.7	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Trichlorofluoromethane		380	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Vinyl Acetate		420	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Vinyl Chloride		0.021	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Xylenes (total)		210	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)

**TABLE E-16
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-17 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	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
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
1,2,4-Trichlorobenzene		480	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
1,2-Dichlorobenzene		370	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
1,2-Diphenylhydrazine		0.56	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
1,3,5-Trinitrobenzene		1,600	ND(0.50) J	ND(0.55) J	ND(0.44) J	ND(0.42) J
1,3-Dichlorobenzene		41	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
1,3-Dinitrobenzene		5.5	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
1,4-Dichlorobenzene		3	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
1,4-Naphthoquinone		55	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
1-Naphthylamine		Not Listed	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
2,3,4,6-Tetrachlorophenol		1,600	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
2,4,5-Trichlorophenol		5,500	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
2,4,6-Trichlorophenol		40	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
2,4-Dichlorophenol		160	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
2,4-Dimethylphenol		1,100	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
2,4-Dinitrophenol		110	ND(2.5) J	ND(2.8) J	ND(2.2) J	ND(2.1) J
2,4-Dinitrotoluene		110	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
2,6-Dichlorophenol		160	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
2,6-Dinitrotoluene		55	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
2-Acetylaminofluorene		0.56	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
2-Chloronaphthalene		3,700	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
2-Chlorophenol		59	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
2-Methylnaphthalene		55	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
2-Methylphenol		2,700	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
2-Naphthylamine		Not Listed	ND(0.84) J	ND(1.1) J	ND(0.81) J	ND(0.85) J
2-Nitroaniline		3.3	ND(2.5)	ND(2.8)	ND(2.2)	ND(2.1)
2-Nitrophenol		Not Listed	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
2-Picoline		55	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
3&4-Methylphenol		270	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
3,3'-Dichlorobenzidine		0.99	ND(1.0)	ND(1.1)	ND(0.88)	ND(0.85)
3,3'-Dimethylbenzidine		0.048	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
3-Methylcholanthrene		0.056	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
3-Nitroaniline		5.5	ND(2.5)	ND(2.8)	ND(2.2)	ND(2.1)
4,6-Dinitro-2-methylphenol		55	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
4-Aminobiphenyl		1,400	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
4-Bromophenyl-phenylether		160	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
4-Chloro-3-Methylphenol		2,700	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
4-Chloroaniline		220	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
4-Chlorobenzilate		1.6	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
4-Chlorophenyl-phenylether		Not Listed	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
4-Nitroaniline		5.5	ND(2.1)	ND(2.8)	ND(2.0)	ND(2.1)
4-Nitrophenol		3,400	ND(2.5) J	ND(2.8) J	ND(2.2) J	ND(2.1) J
4-Nitroquinoline-1-oxide		110	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
4-Phenylenediamine		10,000	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
5-Nitro-o-toluidine		13	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
a,a'-Dimethylphenethylamine		55	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
Acenaphthene		2,600	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Acenaphthylene		55	ND(0.50)	ND(0.55)	0.34 J	ND(0.42)
Acetophenone		0.49	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Aniline		78	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Anthracene		14,000	ND(0.50)	ND(0.55)	1.1	0.17 J
Aramite		18	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
Benzidine		0.0019	ND(1.0)	ND(1.1)	ND(0.88)	ND(0.85)
Benzo(a)anthracene		0.56	ND(0.50)	ND(0.55)	3.6	0.44
Benzo(a)pyrene		0.056	ND(0.50)	0.13 J	3.0	0.44
Benzo(b)fluoranthene		0.56	ND(0.50)	ND(0.55)	2.2	0.40 J
Benzo(g,h,i)perylene		55	ND(0.50)	ND(0.55)	1.6	0.32 J

**TABLE E-16
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-17 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	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
Benzo(k)fluoranthene		5.6	ND(0.50)	ND(0.55)	3.0	0.42 J
Benzyl Alcohol		16,000	ND(1.0)	ND(1.1)	ND(0.88)	ND(0.85)
Semivolatile Organics (continued)						
bis(2-Chloroethoxy)methane		Not Listed	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
bis(2-Chloroethyl)ether		0.18	ND(0.50) J	ND(0.55) J	ND(0.44) J	ND(0.42) J
bis(2-Chloroisopropyl)ether		2.5	ND(0.50) J	ND(0.55) J	ND(0.44) J	ND(0.42) J
bis(2-Ethylhexyl)phthalate		32	ND(0.42)	ND(0.54)	ND(0.40)	ND(0.42)
Butylbenzylphthalate		930	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Chrysene		56	ND(0.50)	0.16 J	3.4	0.59
Diallate		7.3	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
Dibenzo(a,h)anthracene		0.056	ND(0.50)	ND(0.55)	0.41 J	ND(0.42)
Dibenzofuran		210	ND(0.50)	ND(0.55)	0.18 J	ND(0.42)
Diethylphthalate		44,000	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Dimethylphthalate		100,000	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Di-n-Butylphthalate		5,500	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Di-n-Octylphthalate		1,100	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Diphenylamine		1,400	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Ethyl Methanesulfonate		Not Listed	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Fluoranthene		2,000	0.21 J	0.23 J	7.8	1.2
Fluorene		1,800	ND(0.50)	ND(0.55)	0.30 J	ND(0.42)
Hexachlorobenzene		0.28	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Hexachlorobutadiene		5.7	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Hexachlorocyclopentadiene		380	ND(0.50) J	ND(0.55) J	ND(0.44) J	ND(0.42) J
Hexachloroethane		32	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Hexachlorophene		16	ND(1.0) J	ND(1.1) J	ND(0.88) J	0.23 J
Hexachloropropene		Not Listed	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Indeno(1,2,3-cd)pyrene		0.56	ND(0.50)	ND(0.55)	1.4	0.23 J
Isodrin		Not Listed	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Isophorone		470	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Isosafrole		Not Listed	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
Methapyrilene		55	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
Methyl Methanesulfonate		Not Listed	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Naphthalene		55	ND(0.50)	ND(0.55)	0.22 J	ND(0.42)
Nitrobenzene		16	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
N-Nitrosodiethylamine		0.003	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
N-Nitrosodimethylamine		0.0087	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
N-Nitroso-di-n-butylamine		0.022	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
N-Nitroso-di-n-propylamine		0.063	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
N-Nitrosodiphenylamine		91	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
N-Nitrosomethylethylamine		0.02	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
N-Nitrosomorpholine		0.21	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
N-Nitrosopiperidine		0.21	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
N-Nitrosopyrrolidine		0.21	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
o,o,o-Triethylphosphorothioate		11	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
o-Toluidine		1.9	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
p-Dimethylaminoazobenzene		0.99	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
Pentachlorobenzene		44	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Pentachloroethane		2.8	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Pentachloronitrobenzene		1.7	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
Pentachlorophenol		2.5	ND(2.5)	ND(2.8)	ND(2.2)	ND(2.1)
Phenacetin		640	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
Phenanthrene		55	0.11 J	0.13 J	3.7	0.65
Phenol		33,000	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Pronamide		4,100	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Pyrene		1,500	0.19 J	0.26 J	6.8	1.1
Pyridine		55	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Safrole		Not Listed	ND(0.50) J	ND(0.55) J	ND(0.44) J	ND(0.42) J
Thionazin		330	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)

**TABLE E-16
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-17 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	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
Furans						
2,3,7,8-TCDF		Not Applicable	ND(0.000011) Y	0.000047 YI	0.000027 YI	0.0000084 Y
TCDFs (total)		Not Applicable	0.000016	0.0014	0.00024	0.000039
1,2,3,7,8-PeCDF		Not Applicable	0.0000063	0.00013	0.000077	ND(0.0000072) X
2,3,4,7,8-PeCDF		Not Applicable	0.0000036	0.000027	ND(0.000013) X	ND(0.0000050) X
PeCDFs (total)		Not Applicable	0.000047	0.00077	0.00026	0.000048
1,2,3,4,7,8-HxCDF		Not Applicable	ND(0.000014) X	0.00017 I	ND(0.000024) X	ND(0.00000054)
1,2,3,6,7,8-HxCDF		Not Applicable	0.0000067	0.000040	0.000035	0.000016
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.0000072)	ND(0.0000017)	ND(0.0000012)	0.0000033
2,3,4,6,7,8-HxCDF		Not Applicable	ND(0.0000042) X	0.000015	0.000015	ND(0.000010) X
HxCDFs (total)		Not Applicable	0.00010	0.00052	0.00015	0.000074
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.00011	0.00042	0.00010	0.00015
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.000010	0.00012	0.000015	0.000040
HpCDFs (total)		Not Applicable	0.00013	0.00061	0.00012	0.00021
OCDF		Not Applicable	ND(0.00030) J	0.0040	0.00046	0.0016
Dioxins						
2,3,7,8-TCDD		Not Applicable	ND(0.00000080)	ND(0.0000014)	ND(0.00000089)	ND(0.00000065)
TCDDs (total)		Not Applicable	ND(0.00000080)	ND(0.0000014)	0.0000017	ND(0.00000065)
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000012)	ND(0.0000030)	ND(0.0000013)	ND(0.00000087)
PeCDDs (total)		Not Applicable	0.0000022	ND(0.0000030)	ND(0.0000013)	ND(0.00000087)
1,2,3,4,7,8-HxCDD		Not Applicable	0.0000027	ND(0.0000021)	ND(0.0000013) X	ND(0.00000058)
1,2,3,6,7,8-HxCDD		Not Applicable	0.000010	0.0000078	ND(0.0000048) X	ND(0.00000088) X
1,2,3,7,8,9-HxCDD		Not Applicable	0.0000088	ND(0.0000019)	ND(0.0000056) X	ND(0.00000053)
HxCDDs (total)		Not Applicable	0.000054	0.0000078	0.0000058	0.0000030
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.00017	0.00014	0.000066	0.000019
HpCDDs (total)		Not Applicable	0.00027	0.00023	0.00012	0.000030
OCDD		Not Applicable	0.0011 J	0.0011 J	0.00053 J	0.00011 J
Total TEQs (WHO TEFs)		Not Applicable	0.000010	0.000058	0.000020	0.0000078
Inorganics						
Aluminum		75,000	NA	NA	NA	NA
Antimony		30	1.20 B	2.00 B	2.90 B	7.40
Arsenic		0.38	4.70	7.40	11.0	7.70
Barium		5,200	55.0	210	150	53.0
Beryllium		150	0.120 J	0.330 J	0.220 J	0.160 J
Cadmium		37	0.640	1.50	0.780	0.340 B
Calcium		Not Listed	NA	NA	NA	NA
Chromium		210	14.0	10.0	14.0	8.10
Cobalt		3,300	6.00	6.40	7.20	7.80
Copper		2,800	41.0	70.0	90.0	60.0
Cyanide		11	0.400	0.950	0.130	0.120 B
Iron		22,000	NA	NA	NA	NA
Lead		400	130	310	460	850
Magnesium		Not Listed	NA	NA	NA	NA
Manganese		3,100	NA	NA	NA	NA
Mercury		22	0.270	0.590	1.50	0.360
Nickel		1,500	13.0	14.0	14.0	13.0
Potassium		Not Listed	NA	NA	NA	NA
Selenium		370	1.30 J	2.00 J	1.50 J	1.60 J
Silver		370	0.230 B	0.690 B	0.570 B	0.300 B
Sodium		Not Listed	NA	NA	NA	NA
Sulfide		350	18.0	21.0	12.0	50.0
Thallium		6	ND(1.30)	ND(1.60)	ND(1.20)	ND(1.30)
Tin		45,000	20.0	28.0	30.0	17.0
Vanadium		520	9.00	21.0	15.0	10.0
Zinc		22,000	130	350	270	110

**TABLE E-16
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-17 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-17-SB-2-E 3-5 10/25/05	I9-9-17-SB-2-S 3-5 03/14/07	I9-9-17-SB-2-W 3-5 10/25/05
Volatile Organics					
1,1,1,2-Tetrachloroethane		2.8	NA	NA	NA
1,1,1-Trichloroethane		680	NA	NA	NA
1,1,2,2-Tetrachloroethane		0.36	NA	NA	NA
1,1,2-Trichloroethane		0.82	NA	NA	NA
1,1-Dichloroethane		570	NA	NA	NA
1,1-Dichloroethene		0.052	NA	NA	NA
1,2,3-Trichloropropane		0.0014	NA	NA	NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA	NA
1,2-Dibromoethane		0.0049	NA	NA	NA
1,2-Dichloroethane		0.34	NA	NA	NA
1,2-Dichloropropane		0.34	NA	NA	NA
1,4-Dioxane		40	NA	NA	NA
2-Butanone		6,900	NA	NA	NA
2-Chloro-1,3-butadiene		3.6	NA	NA	NA
2-Chloroethylvinylether		0.18	NA	NA	NA
2-Hexanone		750	NA	NA	NA
3-Chloropropane		2,700	NA	NA	NA
4-Methyl-2-pentanone		750	NA	NA	NA
Acetone		1400	NA	NA	NA
Acetonitrile		200	NA	NA	NA
Acrolein		0.1	NA	NA	NA
Acrylonitrile		0.19	NA	NA	NA
Benzene		0.62	NA	NA	NA
Bromodichloromethane		0.98	NA	NA	NA
Bromoform		56	NA	NA	NA
Bromomethane		3.8	NA	NA	NA
Carbon Disulfide		350	NA	NA	NA
Carbon Tetrachloride		0.23	NA	NA	NA
Chlorobenzene		54	NA	NA	NA
Chloroethane		1,600	NA	NA	NA
Chloroform		0.24	NA	NA	NA
Chloromethane		1.2	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	NA	NA	NA
Dibromochloromethane		5.3	NA	NA	NA
Dibromomethane		550	NA	NA	NA
Dichlorodifluoromethane		94	NA	NA	NA
Ethyl Methacrylate		140	NA	NA	NA
Ethylbenzene		230	NA	NA	NA
Iodomethane		1.2	NA	NA	NA
Isobutanol		10,000	NA	NA	NA
Methacrylonitrile		1.8	NA	NA	NA
Methyl Methacrylate		2,200	NA	NA	NA
Methylene Chloride		8.5	NA	NA	NA
Propionitrile		200	NA	NA	NA
Styrene		1,700	NA	NA	NA
Tetrachloroethene		4.7	NA	NA	NA
Toluene		520	NA	NA	NA
trans-1,2-Dichloroethene		62	NA	NA	NA
trans-1,3-Dichloropropene		Not Listed	NA	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	NA
Trichloroethene		2.7	NA	NA	NA
Trichlorofluoromethane		380	NA	NA	NA
Vinyl Acetate		420	NA	NA	NA
Vinyl Chloride		0.021	NA	NA	NA
Xylenes (total)		210	NA	NA	NA

TABLE E-16
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-17 (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-17-SB-2-E 3-5 10/25/05	I9-9-17-SB-2-S 3-5 03/14/07	I9-9-17-SB-2-W 3-5 10/25/05
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		16	NA	NA	NA
1,2,4-Trichlorobenzene		480	NA	NA	NA
1,2-Dichlorobenzene		370	NA	NA	NA
1,2-Diphenylhydrazine		0.56	NA	NA	NA
1,3,5-Trinitrobenzene		1,600	NA	NA	NA
1,3-Dichlorobenzene		41	NA	NA	NA
1,3-Dinitrobenzene		5.5	NA	NA	NA
1,4-Dichlorobenzene		3	NA	NA	NA
1,4-Naphthoquinone		55	NA	NA	NA
1-Naphthylamine		Not Listed	NA	NA	NA
2,3,4,6-Tetrachlorophenol		1,600	NA	NA	NA
2,4,5-Trichlorophenol		5,500	NA	NA	NA
2,4,6-Trichlorophenol		40	NA	NA	NA
2,4-Dichlorophenol		160	NA	NA	NA
2,4-Dimethylphenol		1,100	NA	NA	NA
2,4-Dinitrophenol		110	NA	NA	NA
2,4-Dinitrotoluene		110	NA	NA	NA
2,6-Dichlorophenol		160	NA	NA	NA
2,6-Dinitrotoluene		55	NA	NA	NA
2-Acetylaminofluorene		0.56	NA	NA	NA
2-Chloronaphthalene		3,700	NA	NA	NA
2-Chlorophenol		59	NA	NA	NA
2-Methylnaphthalene		55	NA	NA	NA
2-Methylphenol		2,700	NA	NA	NA
2-Naphthylamine		Not Listed	NA	NA	NA
2-Nitroaniline		3.3	NA	NA	NA
2-Nitrophenol		Not Listed	NA	NA	NA
2-Picoline		55	NA	NA	NA
3&4-Methylphenol		270	NA	NA	NA
3,3'-Dichlorobenzidine		0.99	NA	NA	NA
3,3'-Dimethylbenzidine		0.048	NA	NA	NA
3-Methylcholanthrene		0.056	NA	NA	NA
3-Nitroaniline		5.5	NA	NA	NA
4,6-Dinitro-2-methylphenol		55	NA	NA	NA
4-Aminobiphenyl		1,400	NA	NA	NA
4-Bromophenyl-phenylether		160	NA	NA	NA
4-Chloro-3-Methylphenol		2,700	NA	NA	NA
4-Chloroaniline		220	NA	NA	NA
4-Chlorobenzilate		1.6	NA	NA	NA
4-Chlorophenyl-phenylether		Not Listed	NA	NA	NA
4-Nitroaniline		5.5	NA	NA	NA
4-Nitrophenol		3,400	NA	NA	NA
4-Nitroquinoline-1-oxide		110	NA	NA	NA
4-Phenylenediamine		10,000	NA	NA	NA
5-Nitro-o-toluidine		13	NA	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	NA	NA	NA
a,a'-Dimethylphenethylamine		55	NA	NA	NA
Acenaphthene		2,600	NA	NA	NA
Acenaphthylene		55	NA	NA	NA
Acetophenone		0.49	NA	NA	NA
Aniline		78	NA	NA	NA
Anthracene		14,000	NA	NA	NA
Aramite		18	NA	NA	NA
Benzidine		0.0019	NA	NA	NA
Benzo(a)anthracene		0.56	NA	NA	NA
Benzo(a)pyrene		0.056	NA	NA	NA
Benzo(b)fluoranthene		0.56	NA	NA	NA
Benzo(g,h,i)perylene		55	NA	NA	NA

TABLE E-16
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-17 (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-17-SB-2-E 3-5 10/25/05	I9-9-17-SB-2-S 3-5 03/14/07	I9-9-17-SB-2-W 3-5 10/25/05
Benzo(k)fluoranthene		5.6	NA	NA	NA
Benzyl Alcohol		16,000	NA	NA	NA
Semivolatle Organics (continued)					
bis(2-Chloroethoxy)methane		Not Listed	NA	NA	NA
bis(2-Chloroethyl)ether		0.18	NA	NA	NA
bis(2-Chloroisopropyl)ether		2.5	NA	NA	NA
bis(2-Ethylhexyl)phthalate		32	NA	NA	NA
Butylbenzylphthalate		930	NA	NA	NA
Chrysene		56	NA	NA	NA
Diallate		7.3	NA	NA	NA
Dibenzo(a,h)anthracene		0.056	NA	NA	NA
Dibenzofuran		210	NA	NA	NA
Diethylphthalate		44,000	NA	NA	NA
Dimethylphthalate		100,000	NA	NA	NA
Di-n-Butylphthalate		5,500	NA	NA	NA
Di-n-Octylphthalate		1,100	NA	NA	NA
Diphenylamine		1,400	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	NA	NA	NA
Fluoranthene		2,000	NA	NA	NA
Fluorene		1,800	NA	NA	NA
Hexachlorobenzene		0.28	NA	NA	NA
Hexachlorobutadiene		5.7	NA	NA	NA
Hexachlorocyclopentadiene		380	NA	NA	NA
Hexachloroethane		32	NA	NA	NA
Hexachlorophene		16	NA	NA	NA
Hexachloropropene		Not Listed	NA	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	NA	NA	NA
Isodrin		Not Listed	NA	NA	NA
Isophorone		470	NA	NA	NA
Isosafrole		Not Listed	NA	NA	NA
Methapyrilene		55	NA	NA	NA
Methyl Methanesulfonate		Not Listed	NA	NA	NA
Naphthalene		55	NA	NA	NA
Nitrobenzene		16	NA	NA	NA
N-Nitrosodiethylamine		0.003	NA	NA	NA
N-Nitrosodimethylamine		0.0087	NA	NA	NA
N-Nitroso-di-n-butylamine		0.022	NA	NA	NA
N-Nitroso-di-n-propylamine		0.063	NA	NA	NA
N-Nitrosodiphenylamine		91	NA	NA	NA
N-Nitrosomethylethylamine		0.02	NA	NA	NA
N-Nitrosomorpholine		0.21	NA	NA	NA
N-Nitrosopiperidine		0.21	NA	NA	NA
N-Nitrosopyrrolidine		0.21	NA	NA	NA
o,o,o-Triethylphosphorothioate		11	NA	NA	NA
o-Toluidine		1.9	NA	NA	NA
p-Dimethylaminoazobenzene		0.99	NA	NA	NA
Pentachlorobenzene		44	NA	NA	NA
Pentachloroethane		2.8	NA	NA	NA
Pentachloronitrobenzene		1.7	NA	NA	NA
Pentachlorophenol		2.5	NA	NA	NA
Phenacetin		640	NA	NA	NA
Phenanthrene		55	NA	NA	NA
Phenol		33,000	NA	NA	NA
Pronamide		4,100	NA	NA	NA
Pyrene		1,500	NA	NA	NA
Pyridine		55	NA	NA	NA
Safrole		Not Listed	NA	NA	NA
Thionazin		330	NA	NA	NA

**TABLE E-16
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-17 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-17-SB-2-E 3-5 10/25/05	I9-9-17-SB-2-S 3-5 03/14/07	I9-9-17-SB-2-W 3-5 10/25/05
Furans					
2,3,7,8-TCDF		Not Applicable	NA	NA	NA
TCDFs (total)		Not Applicable	NA	NA	NA
1,2,3,7,8-PeCDF		Not Applicable	NA	NA	NA
2,3,4,7,8-PeCDF		Not Applicable	NA	NA	NA
PeCDFs (total)		Not Applicable	NA	NA	NA
1,2,3,4,7,8-HxCDF		Not Applicable	NA	NA	NA
1,2,3,6,7,8-HxCDF		Not Applicable	NA	NA	NA
1,2,3,7,8,9-HxCDF		Not Applicable	NA	NA	NA
2,3,4,6,7,8-HxCDF		Not Applicable	NA	NA	NA
HxCDFs (total)		Not Applicable	NA	NA	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	NA	NA	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	NA	NA	NA
HpCDFs (total)		Not Applicable	NA	NA	NA
OCDF		Not Applicable	NA	NA	NA
Dioxins					
2,3,7,8-TCDD		Not Applicable	NA	NA	NA
TCDDs (total)		Not Applicable	NA	NA	NA
1,2,3,7,8-PeCDD		Not Applicable	NA	NA	NA
PeCDDs (total)		Not Applicable	NA	NA	NA
1,2,3,4,7,8-HxCDD		Not Applicable	NA	NA	NA
1,2,3,6,7,8-HxCDD		Not Applicable	NA	NA	NA
1,2,3,7,8,9-HxCDD		Not Applicable	NA	NA	NA
HxCDDs (total)		Not Applicable	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	NA	NA	NA
HpCDDs (total)		Not Applicable	NA	NA	NA
OCDD		Not Applicable	NA	NA	NA
Total TEQs (WHO TEFs)		Not Applicable	NA	NA	NA
Inorganics					
Aluminum		75,000	NA	12500 [13300]	NA
Antimony		30	NA	ND(4.27) J [ND(4.46) J]	NA
Arsenic		0.38	NA	12.6 [12.7]	NA
Barium		5,200	NA	96.5 [78.9]	NA
Beryllium		150	NA	1.41 J [ND(1.12) J]	NA
Cadmium		37	NA	ND(1.07) J [ND(1.12) J]	NA
Calcium		Not Listed	NA	15600 J [31900 J]	NA
Chromium		210	NA	15.9 [13.9]	NA
Cobalt		3,300	NA	11.4 [11.6]	NA
Copper		2,800	NA	71.8 [49.8]	NA
Cyanide		11	NA	NA	NA
Iron		22,000	NA	27500 [29400]	NA
Lead		400	680	198 [148]	180 [170]
Magnesium		Not Listed	NA	9690 [13100]	NA
Manganese		3,100	NA	501 [765]	NA
Mercury		22	NA	0.271 J [0.129 J]	NA
Nickel		1500	NA	22.5 [21.3]	NA
Potassium		Not Listed	NA	987 [761]	NA
Selenium		370	NA	ND(2.14) J [ND(2.23) J]	NA
Silver		370	NA	ND(1.07) [ND(1.12)]	NA
Sodium		Not Listed	NA	2970 [2070]	NA
Sulfide		350	NA	NA	NA
Thallium		6	NA	ND(1.07) [ND(1.12)]	NA
Tin		45,000	NA	NA	NA
Vanadium		520	NA	18.0 [14.9]	NA
Zinc		22,000	NA	217 [163]	NA

**TABLE E-16
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-17 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
6. Field duplicate sample results are presented in brackets.
7. Shaded data indicates results from a sample collected at a depth below the depth proposed for use in the evaluations of this area based on the review of the PCB data (designated as the "X" depth). The data for this sample were considered in the screening table (Table E-17), but are not included in the subsequent evaluation tables (Tables E-18 through E-20). This was a conservative approach because the constituent concentrations in the samples collected from below the "X" depth are lower than the applicable comparison criteria specified in the evaluation tables.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- J - Estimated Value.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- 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 - Estimated Value.

TABLE E-17
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
PARCEL I9-9-17 (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
Acetone	0.032	1,400	No
Semivolatile Organics			
Acenaphthylene	0.34	55*	No
Anthracene	1.1	14,000	No
Benzo(a)anthracene	3.6	0.56	Yes
Benzo(a)pyrene	3	0.056	Yes
Benzo(b)fluoranthene	2.2	0.56	Yes
Benzo(g,h,i)perylene	1.6	55*	No
Benzo(k)fluoranthene	3	5.6	No
Chrysene	3.4	56	No
Dibenzo(a,h)anthracene	0.41	0.056	Yes
Dibenzofuran	0.18	210	No
Fluoranthene	7.8	2,000	No
Fluorene	0.3	1,800	No
Hexachlorophene	0.23	16	No
Indeno(1,2,3-cd)pyrene	1.4	0.56	Yes
Naphthalene	0.22	55	No
Phenanthrene	3.7	55*	No
Pyrene	6.8	1,500	No
Inorganics			
Antimony	7.4	30	No
Arsenic	12.7	0.38	Yes
Barium	210	5,200	No
Beryllium	1.41	150	No
Cadmium	1.5	37	No
Chromium	15.9	210	No
Cobalt	11.6	3,300	No
Copper	90	2,800	No
Cyanide	0.95	11*	No
Lead	850	400	Yes
Mercury	1.5	22	No
Nickel	22.5	1,500	No
Selenium	2	370	No
Silver	0.69	370	No
Sulfide	50	350*	No
Tin	30	45,000	No
Vanadium	21	520	No
Zinc	350	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-18
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-17: 0- TO 1-FOOT DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-17-SB-1 0-1 06/25/03	I9-9-17-SB-2 0-1 06/25/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	0.25	3.6	N/A (See Note 5)	1.9	7	No
Benzo(a)pyrene	0.25	3.0	N/A (See Note 5)	1.6	2	No
Benzo(b)fluoranthene	0.25	2.2	N/A (See Note 5)	1.2	7	No
Dibenzo(a,h)anthracene	0.25	0.41	N/A (See Note 5)	0.33	0.7	No
Indeno(1,2,3-cd)pyrene	0.25	1.4	N/A (See Note 5)	0.83	7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.00E-05	2.00E-05	2.00E-05	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	4.70	11.0	N/A (See Note 5)	7.85	20	No
Lead	130	460	N/A (See Note 5)	295	300	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-19
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-17: 0- TO 3-FOOT DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-17-SB-1 0-1 06/25/03	I9-9-17-SB-2 0-1 06/25/03	I9-9-17-SB-1 1-3 06/25/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics							
Benzo(a)anthracene	0.25	3.6	0.28	N/A (See Note 5)	1.38	7	No
Benzo(a)pyrene	0.25	3.0	0.13	N/A (See Note 5)	1.13	2	No
Benzo(b)fluoranthene	0.25	2.2	0.28	N/A (See Note 5)	0.91	7	No
Dibenzo(a,h)anthracene	0.25	0.41	0.28	N/A (See Note 5)	0.31	0.7	No
Indeno(1,2,3-cd)pyrene	0.25	1.4	0.28	N/A (See Note 5)	0.64	7	No
Dioxins/Furans							
Total TEQs (WHO TEFs)	1.00E-05	2.00E-05	5.80E-05	5.80E-05	N/A (See Note 5)	1.00E-03	No
Inorganics							
Arsenic	4.70	11.0	7.40	N/A (See Note 5)	8	20	No
Lead	130	460	310	N/A (See Note 5)	300	300	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

**TABLE E-20
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-17: 1- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-17-SB-1 1-3 06/25/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics					
Benzo(a)anthracene	0.28	N/A (See Note 5)	0.28	7	No
Benzo(a)pyrene	0.13	N/A (See Note 5)	0.13	2	No
Benzo(b)fluoranthene	0.28	N/A (See Note 5)	0.28	7	No
Dibenzo(a,h)anthracene	0.28	N/A (See Note 5)	0.28	0.7	No
Indeno(1,2,3-cd)pyrene	0.28	N/A (See Note 5)	0.28	7	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	5.80E-05	5.80E-05	N/A (See Note 5)	1.50E-03	No
Inorganics					
Arsenic	7.40	N/A (See Note 5)	7.40	20	No
Lead	310	N/A (See Note 5)	310	300	Yes

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

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Parcel I9-9-18 (bank)

**TABLE E-21
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-18 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-18-SB-1 0-1 06/25/03	I9-9-18-SB-1 1-3 06/25/03	I9-9-18-SB-1-S 0-1 06/01/06	I9-9-18-SB-1-S 1-3 10/25/05
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0091)	ND(0.0082)	NA	NA
1,1,1-Trichloroethane		680	ND(0.0091)	ND(0.0082)	NA	NA
1,1,2,2-Tetrachloroethane		0.36	ND(0.0091)	ND(0.0082)	NA	NA
1,1,2-Trichloroethane		0.82	ND(0.0091)	ND(0.0082)	NA	NA
1,1-Dichloroethane		570	ND(0.0091)	ND(0.0082)	NA	NA
1,1-Dichloroethene		0.052	ND(0.0091)	ND(0.0082)	NA	NA
1,2,3-Trichloropropane		0.0014	ND(0.0091)	ND(0.0082)	NA	NA
1,2-Dibromo-3-chloropropane		0.32	ND(0.0091)	ND(0.0082)	NA	NA
1,2-Dibromoethane		0.0049	ND(0.0091)	ND(0.0082)	NA	NA
1,2-Dichloroethane		0.34	ND(0.0091)	ND(0.0082)	NA	NA
1,2-Dichloropropane		0.34	ND(0.0091)	ND(0.0082)	NA	NA
1,4-Dioxane		40	ND(0.18) J	ND(0.16) J	NA	NA
2-Butanone		6,900	ND(0.018)	ND(0.016)	NA	NA
2-Chloro-1,3-butadiene		3.6	ND(0.0091)	ND(0.0082)	NA	NA
2-Chloroethylvinylether		0.18	ND(0.0091)	ND(0.0082)	NA	NA
2-Hexanone		750	ND(0.018)	ND(0.016)	NA	NA
3-Chloropropene		2,700	ND(0.0091)	ND(0.0082)	NA	NA
4-Methyl-2-pentanone		750	ND(0.018)	ND(0.016)	NA	NA
Acetone		1,400	ND(0.036)	ND(0.033)	NA	NA
Acetonitrile		200	ND(0.18) J	ND(0.16) J	NA	NA
Acrolein		0.1	ND(0.18) J	ND(0.16) J	NA	NA
Acrylonitrile		0.19	ND(0.0091)	ND(0.0082)	NA	NA
Benzene		0.62	ND(0.0091)	ND(0.0082)	NA	NA
Bromodichloromethane		0.98	ND(0.0091)	ND(0.0082)	NA	NA
Bromoform		56	ND(0.0091)	ND(0.0082)	NA	NA
Bromomethane		3.8	ND(0.0091)	ND(0.0082)	NA	NA
Carbon Disulfide		350	ND(0.0091) J	ND(0.0082) J	NA	NA
Carbon Tetrachloride		0.23	ND(0.0091)	ND(0.0082)	NA	NA
Chlorobenzene		54	ND(0.0091)	ND(0.0082)	NA	NA
Chloroethane		1,600	ND(0.0091)	ND(0.0082)	NA	NA
Chloroform		0.24	ND(0.0091)	ND(0.0082)	NA	NA
Chloromethane		1.2	ND(0.0091)	ND(0.0082)	NA	NA
cis-1,3-Dichloropropene		Not Listed	ND(0.0091)	ND(0.0082)	NA	NA
Dibromochloromethane		5.3	ND(0.0091)	ND(0.0082)	NA	NA
Dibromomethane		550	ND(0.0091)	ND(0.0082)	NA	NA
Dichlorodifluoromethane		94	ND(0.0091)	ND(0.0082)	NA	NA
Ethyl Methacrylate		140	ND(0.0091)	ND(0.0082)	NA	NA
Ethylbenzene		230	ND(0.0091)	ND(0.0082)	NA	NA
Iodomethane		1.2	ND(0.0091) J	ND(0.0082) J	NA	NA
Isobutanol		10,000	ND(0.18) J	ND(0.16) J	NA	NA
Methacrylonitrile		1.8	ND(0.0091)	ND(0.0082)	NA	NA
Methyl Methacrylate		2,200	ND(0.0091)	ND(0.0082)	NA	NA
Methylene Chloride		8.5	ND(0.0091)	ND(0.0082)	NA	NA
Propionitrile		200	ND(0.018)	ND(0.016)	NA	NA
Styrene		1,700	ND(0.0091)	ND(0.0082)	NA	NA
Tetrachloroethene		4.7	ND(0.0091)	ND(0.0082)	NA	NA
Toluene		520	ND(0.0091)	ND(0.0082)	NA	NA
trans-1,2-Dichloroethene		62	ND(0.0091)	ND(0.0082)	NA	NA
trans-1,3-Dichloropropene		Not Listed	ND(0.0091)	ND(0.0082)	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0091)	ND(0.0082)	NA	NA
Trichloroethene		2.7	ND(0.0091)	ND(0.0082)	NA	NA
Trichlorofluoromethane		380	ND(0.0091)	ND(0.0082)	NA	NA
Vinyl Acetate		420	ND(0.0091)	ND(0.0082)	NA	NA
Vinyl Chloride		0.021	ND(0.0091)	ND(0.0082)	NA	NA
Xylenes (total)		210	ND(0.0091)	ND(0.0082)	NA	NA

**TABLE E-21
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-18 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-18-SB-1 0-1 06/25/03	I9-9-18-SB-1 1-3 06/25/03	I9-9-18-SB-1-S 0-1 06/01/06	I9-9-18-SB-1-S 1-3 10/25/05
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.64)	ND(0.65) J	NA	NA
1,2,4-Trichlorobenzene		480	ND(0.64)	ND(0.65)	NA	NA
1,2-Dichlorobenzene		370	ND(0.64)	ND(0.65)	NA	NA
1,2-Diphenylhydrazine		0.56	ND(0.64)	ND(0.65)	NA	NA
1,3,5-Trinitrobenzene		1,600	ND(0.64) J	ND(0.65) J	NA	NA
1,3-Dichlorobenzene		41	ND(0.64)	ND(0.65)	NA	NA
1,3-Dinitrobenzene		5.5	ND(1.2)	ND(1.1)	NA	NA
1,4-Dichlorobenzene		3	ND(0.64)	ND(0.65)	NA	NA
1,4-Naphthoquinone		55	ND(1.2)	ND(1.1)	NA	NA
1-Naphthylamine		Not Listed	ND(1.2)	ND(1.1)	NA	NA
2,3,4,6-Tetrachlorophenol		1,600	ND(0.64)	ND(0.65)	NA	NA
2,4,5-Trichlorophenol		5,500	ND(0.64)	ND(0.65)	NA	NA
2,4,6-Trichlorophenol		40	ND(0.64)	ND(0.65)	NA	NA
2,4-Dichlorophenol		160	ND(0.64)	ND(0.65)	NA	NA
2,4-Dimethylphenol		1,100	ND(0.64)	ND(0.65)	NA	NA
2,4-Dinitrophenol		110	ND(3.2) J	ND(3.3) J	NA	NA
2,4-Dinitrotoluene		110	ND(0.64)	ND(0.65)	NA	NA
2,6-Dichlorophenol		160	ND(0.64)	ND(0.65)	NA	NA
2,6-Dinitrotoluene		55	ND(0.64)	ND(0.65)	NA	NA
2-Acetylaminofluorene		0.56	ND(1.2)	ND(1.1)	NA	NA
2-Chloronaphthalene		3,700	ND(0.64)	ND(0.65)	NA	NA
2-Chlorophenol		59	ND(0.64)	ND(0.65)	NA	NA
2-Methylnaphthalene		55	ND(0.64)	ND(0.65)	NA	NA
2-Methylphenol		2,700	ND(0.64)	ND(0.65)	NA	NA
2-Naphthylamine		Not Listed	ND(1.2) J	ND(1.1)	NA	NA
2-Nitroaniline		3.3	ND(3.2)	ND(3.3)	NA	NA
2-Nitrophenol		Not Listed	ND(1.2)	ND(1.1)	NA	NA
2-Picoline		55	ND(0.64)	ND(0.65)	NA	NA
3&4-Methylphenol		270	ND(1.2)	ND(1.1)	NA	NA
3,3'-Dichlorobenzidine		0.99	ND(1.3)	ND(1.3)	NA	NA
3,3'-Dimethylbenzidine		0.048	ND(0.64)	ND(0.65)	NA	NA
3-Methylcholanthrene		0.056	ND(1.2)	ND(1.1)	NA	NA
3-Nitroaniline		5.5	ND(3.2)	ND(3.3)	NA	NA
4,6-Dinitro-2-methylphenol		55	ND(0.64)	ND(0.65)	NA	NA
4-Aminobiphenyl		1,400	ND(1.2)	ND(1.1)	NA	NA
4-Bromophenyl-phenylether		160	ND(0.64)	ND(0.65)	NA	NA
4-Chloro-3-Methylphenol		2,700	ND(0.64)	ND(0.65)	NA	NA
4-Chloroaniline		220	ND(0.64)	ND(0.65)	NA	NA
4-Chlorobenzilate		1.6	ND(1.2)	ND(1.1) J	NA	NA
4-Chlorophenyl-phenylether		Not Listed	ND(0.64)	ND(0.65)	NA	NA
4-Nitroaniline		5.5	ND(3.1)	ND(2.8)	NA	NA
4-Nitrophenol		3,400	ND(3.2) J	ND(3.3) J	NA	NA
4-Nitroquinoline-1-oxide		110	ND(1.2)	ND(1.1)	NA	NA
4-Phenylenediamine		10,000	ND(1.2)	ND(1.1)	NA	NA
5-Nitro-o-toluidine		13	ND(1.2)	ND(1.1)	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	ND(1.2)	ND(1.1)	NA	NA
a,a'-Dimethylphenethylamine		55	ND(1.2)	ND(1.1) J	NA	NA
Acenaphthene		2,600	ND(0.64)	ND(0.65)	NA	NA
Acenaphthylene		55	ND(0.64)	0.31 J	NA	NA
Acetophenone		0.49	ND(0.64)	ND(0.65)	NA	NA
Aniline		78	ND(0.64)	0.48 J	NA	NA
Anthracene		14000	ND(0.64)	0.69	NA	NA
Aramite		18	ND(1.2)	ND(1.1)	NA	NA
Benzidine		0.0019	ND(1.3)	ND(1.3)	NA	NA
Benzo(a)anthracene		0.56	0.13 J	1	NA	NA
Benzo(a)pyrene		0.056	ND(0.64)	0.81	NA	NA
Benzo(b)fluoranthene		0.56	ND(0.64)	0.79	NA	NA
Benzo(g,h,i)perylene		55	ND(0.64)	0.35 J	NA	NA

**TABLE E-21
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-18 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-18-SB-1 0-1 06/25/03	I9-9-18-SB-1 1-3 06/25/03	I9-9-18-SB-1-S 0-1 06/01/06	I9-9-18-SB-1-S 1-3 10/25/05
Benzo(k)fluoranthene		5.6	ND(0.64)	0.57 J	NA	NA
Benzyl Alcohol		16000	ND(1.3)	ND(1.3)	NA	NA
Semivolatile Organics (continued)						
bis(2-Chloroethoxy)methane		Not Listed	ND(0.64)	ND(0.65)	NA	NA
bis(2-Chloroethyl)ether		0.18	ND(0.64) J	ND(0.65) J	NA	NA
bis(2-Chloroisopropyl)ether		2.5	ND(0.64) J	ND(0.65)	NA	NA
bis(2-Ethylhexyl)phthalate		32	ND(0.60)	ND(0.54)	NA	NA
Butylbenzylphthalate		930	ND(0.64)	ND(0.65)	NA	NA
Chrysene		56	0.16 J	1	NA	NA
Diallate		7.3	ND(1.2)	ND(1.1)	NA	NA
Dibenzo(a,h)anthracene		0.056	ND(0.64)	ND(0.65)	NA	NA
Dibenzofuran		210	ND(0.64)	0.19 J	NA	NA
Diethylphthalate		44,000	ND(0.64)	ND(0.65)	NA	NA
Dimethylphthalate		100,000	ND(0.64)	ND(0.65)	NA	NA
Di-n-Butylphthalate		5,500	ND(0.64)	ND(0.65)	NA	NA
Di-n-Octylphthalate		1,100	ND(0.64)	ND(0.65)	NA	NA
Diphenylamine		1,400	ND(0.64)	ND(0.65)	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(0.64)	ND(0.65)	NA	NA
Fluoranthene		2,000	0.32 J	2.6	NA	NA
Fluorene		1,800	ND(0.64)	0.59 J	NA	NA
Hexachlorobenzene		0.28	ND(0.64)	ND(0.65)	NA	NA
Hexachlorobutadiene		5.7	ND(0.64)	ND(0.65)	NA	NA
Hexachlorocyclopentadiene		380	ND(0.64) J	ND(0.65) J	NA	NA
Hexachloroethane		32	ND(0.64)	ND(0.65)	NA	NA
Hexachlorophene		16	ND(1.3) J	ND(1.3) J	NA	NA
Hexachloropropene		Not Listed	ND(0.64)	ND(0.65)	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	ND(0.64)	0.33 J	NA	NA
Isodrin		Not Listed	ND(0.64)	ND(0.65) J	NA	NA
Isophorone		470	ND(0.64)	ND(0.65)	NA	NA
Isosafrole		Not Listed	ND(1.2)	ND(1.1)	NA	NA
Methapyrilene		55	ND(1.2)	ND(1.1)	NA	NA
Methyl Methanesulfonate		Not Listed	ND(0.64)	ND(0.65)	NA	NA
Naphthalene		55	ND(0.64)	0.13 J	NA	NA
Nitrobenzene		16	ND(0.64)	ND(0.65)	NA	NA
N-Nitrosodiethylamine		0.003	ND(0.64)	ND(0.65)	NA	NA
N-Nitrosodimethylamine		0.0087	ND(0.64)	ND(0.65)	NA	NA
N-Nitroso-di-n-butylamine		0.022	ND(1.2)	ND(1.1)	NA	NA
N-Nitroso-di-n-propylamine		0.063	ND(0.64)	ND(0.65)	NA	NA
N-Nitrosodiphenylamine		91	ND(0.64)	ND(0.65)	NA	NA
N-Nitrosomethylethylamine		0.02	ND(1.2)	ND(1.1)	NA	NA
N-Nitrosomorpholine		0.21	ND(0.64)	ND(0.65)	NA	NA
N-Nitrosopiperidine		0.21	ND(0.64)	ND(0.65)	NA	NA
N-Nitrosopyrrolidine		0.21	ND(1.2)	ND(1.1)	NA	NA
o,o,o-Triethylphosphorothioate		11	ND(0.64)	ND(0.65)	NA	NA
o-Toluidine		1.9	ND(0.64)	ND(0.65)	NA	NA
p-Dimethylaminoazobenzene		0.99	ND(1.2)	ND(1.1)	NA	NA
Pentachlorobenzene		44	ND(0.64)	ND(0.65) J	NA	NA
Pentachloroethane		2.8	ND(0.64)	ND(0.65)	NA	NA
Pentachloronitrobenzene		1.7	ND(1.2)	ND(1.1)	NA	NA
Pentachlorophenol		2.5	ND(3.2)	ND(3.3)	NA	NA
Phenacetin		640	ND(1.2)	ND(1.1)	NA	NA
Phenanthrene		55	0.21 J	2.7	NA	NA
Phenol		33,000	ND(0.64)	ND(0.65)	NA	NA
Pronamide		4,100	ND(0.64)	ND(0.65)	NA	NA
Pyrene		1,500	0.29 J	2.4	NA	NA
Pyridine		55	ND(0.64)	ND(0.65)	NA	NA
Safrole		Not Listed	ND(0.64) J	ND(0.65)	NA	NA
Thionazin		330	ND(0.64)	ND(0.65)	NA	NA

**TABLE E-21
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-18 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-18-SB-1 0-1 06/25/03	I9-9-18-SB-1 1-3 06/25/03	I9-9-18-SB-1-S 0-1 06/01/06	I9-9-18-SB-1-S 1-3 10/25/05
Furans						
2,3,7,8-TCDF		Not Applicable	ND(0.000087) XY	0.00019 YI	NA	NA
TCDFs (total)		Not Applicable	0.0033	0.0014	NA	NA
1,2,3,7,8-PeCDF		Not Applicable	0.0014	0.00037	NA	NA
2,3,4,7,8-PeCDF		Not Applicable	0.000072	0.000079	NA	NA
PeCDFs (total)		Not Applicable	0.0031	0.0017	NA	NA
1,2,3,4,7,8-HxCDF		Not Applicable	ND(0.0000049)	0.0012 I	NA	NA
1,2,3,6,7,8-HxCDF		Not Applicable	0.00044 I	0.00021	NA	NA
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.0000064)	ND(0.0000023)	NA	NA
2,3,4,6,7,8-HxCDF		Not Applicable	ND(0.000026) X	0.000072	NA	NA
HxCDFs (total)		Not Applicable	0.0008	0.0032	NA	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.00011	0.0022	NA	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.000028	0.0006	NA	NA
HpCDFs (total)		Not Applicable	0.00014	0.003	NA	NA
OCDF		Not Applicable	ND(0.00019) J	0.022	NA	NA
Dioxins						
2,3,7,8-TCDD		Not Applicable	ND(0.0000016)	ND(0.000016) X	NA	NA
TCDDs (total)		Not Applicable	ND(0.0000016)	0.00011	NA	NA
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000035)	ND(0.000012) X	NA	NA
PeCDDs (total)		Not Applicable	ND(0.0000035)	ND(0.0000049)	NA	NA
1,2,3,4,7,8-HxCDD		Not Applicable	0.0000035 J	0.000029	NA	NA
1,2,3,6,7,8-HxCDD		Not Applicable	ND(0.0000044) X	0.000036	NA	NA
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.000012) X	ND(0.000030) X	NA	NA
HxCDDs (total)		Not Applicable	0.000018 J	0.000065	NA	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.00015	0.00052	NA	NA
HpCDDs (total)		Not Applicable	0.00025	0.00094	NA	NA
OCDD		Not Applicable	0.0010 J	0.0018 J	NA	NA
Total TEQs (WHO TEFs)		Not Applicable	0.00016	0.00028	NA	NA
Inorganics						
Antimony		30	41	3.10 B	ND(3.10) J	NA
Arsenic		0.38	11	8.4	NA	NA
Barium		5,200	43	280	NA	NA
Beryllium		150	0.170 J	0.250 J	NA	NA
Cadmium		37	0.290 B	4.1	NA	NA
Chromium		210	10	22	NA	NA
Cobalt		3,300	14	8.9	NA	NA
Copper		2,800	45	190	NA	NA
Cyanide		11	0.69	0.53	NA	NA
Lead		400	130	720	NA	330
Mercury		22	0.63	1.2	NA	NA
Nickel		1,500	22	30	NA	NA
Selenium		370	1.50 J	2.10 J	NA	NA
Silver		370	ND(1.40)	2.2	NA	NA
Sulfide		350	12	320	NA	NA
Thallium		6	ND(1.80)	ND(1.60)	NA	NA
Tin		45,000	86	35	NA	NA
Vanadium		520	11	16	NA	NA
Zinc		22,000	88	560	NA	NA

**TABLE E-21
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-18 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-18-SB-2 0-1 06/25/03	I9-9-18-SB-2 3-5 06/25/03
Volatile Organics				
1,1,1,2-Tetrachloroethane		2.8	ND(0.0067)	ND(0.0066)
1,1,1-Trichloroethane		680	ND(0.0067)	ND(0.0066)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0067)	ND(0.0066)
1,1,2-Trichloroethane		0.82	ND(0.0067)	ND(0.0066)
1,1-Dichloroethane		570	ND(0.0067)	ND(0.0066)
1,1-Dichloroethene		0.052	ND(0.0067)	ND(0.0066)
1,2,3-Trichloropropane		0.0014	ND(0.0067)	ND(0.0066)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0067)	ND(0.0066)
1,2-Dibromoethane		0.0049	ND(0.0067)	ND(0.0066)
1,2-Dichloroethane		0.34	ND(0.0067)	ND(0.0066)
1,2-Dichloropropane		0.34	ND(0.0067)	ND(0.0066)
1,4-Dioxane		40	ND(0.13) J	ND(0.13) J
2-Butanone		6,900	ND(0.013)	ND(0.013)
2-Chloro-1,3-butadiene		3.6	ND(0.0067)	ND(0.0066)
2-Chloroethylvinylether		0.18	ND(0.0067)	ND(0.0066)
2-Hexanone		750	ND(0.013)	ND(0.013)
3-Chloropropene		2,700	ND(0.0067)	ND(0.0066)
4-Methyl-2-pentanone		750	ND(0.013)	ND(0.013)
Acetone		1,400	ND(0.027)	ND(0.026)
Acetonitrile		200	ND(0.13) J	ND(0.13) J
Acrolein		0.1	ND(0.13) J	ND(0.13) J
Acrylonitrile		0.19	ND(0.0067)	ND(0.0066)
Benzene		0.62	ND(0.0067)	ND(0.0066)
Bromodichloromethane		0.98	ND(0.0067)	ND(0.0066)
Bromoform		56	ND(0.0067)	ND(0.0066)
Bromomethane		3.8	ND(0.0067)	ND(0.0066)
Carbon Disulfide		350	ND(0.0067) J	ND(0.0066) J
Carbon Tetrachloride		0.23	ND(0.0067)	ND(0.0066)
Chlorobenzene		54	ND(0.0067)	ND(0.0066)
Chloroethane		1,600	ND(0.0067)	ND(0.0066)
Chloroform		0.24	ND(0.0067)	ND(0.0066)
Chloromethane		1.2	ND(0.0067)	ND(0.0066)
cis-1,3-Dichloropropene		Not Listed	ND(0.0067)	ND(0.0066)
Dibromochloromethane		5.3	ND(0.0067)	ND(0.0066)
Dibromomethane		550	ND(0.0067)	ND(0.0066)
Dichlorodifluoromethane		94	ND(0.0067)	ND(0.0066)
Ethyl Methacrylate		140	ND(0.0067)	ND(0.0066)
Ethylbenzene		230	ND(0.0067)	ND(0.0066)
Iodomethane		1.2	ND(0.0067) J	ND(0.0066) J
Isobutanol		10,000	ND(0.13) J	ND(0.13) J
Methacrylonitrile		1.8	ND(0.0067)	ND(0.0066)
Methyl Methacrylate		2,200	ND(0.0067)	ND(0.0066)
Methylene Chloride		8.5	ND(0.0067)	ND(0.0066)
Propionitrile		200	ND(0.013)	ND(0.013)
Styrene		1,700	ND(0.0067)	ND(0.0066)
Tetrachloroethene		4.7	ND(0.0067)	ND(0.0066)
Toluene		520	ND(0.0067)	ND(0.0066)
trans-1,2-Dichloroethene		62	ND(0.0067)	ND(0.0066)
trans-1,3-Dichloropropene		Not Listed	ND(0.0067)	ND(0.0066)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0067)	ND(0.0066)
Trichloroethene		2.7	ND(0.0067)	ND(0.0066)
Trichlorofluoromethane		380	ND(0.0067)	ND(0.0066)
Vinyl Acetate		420	ND(0.0067)	ND(0.0066)
Vinyl Chloride		0.021	ND(0.0067)	ND(0.0066)
Xylenes (total)		210	ND(0.0067)	ND(0.0066)

**TABLE E-21
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-18 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-18-SB-2 0-1 06/25/03	I9-9-18-SB-2 3-5 06/25/03
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene		16	ND(0.44)	ND(0.48)
1,2,4-Trichlorobenzene		480	ND(0.44)	ND(0.48)
1,2-Dichlorobenzene		370	ND(0.44)	ND(0.48)
1,2-Diphenylhydrazine		0.56	ND(0.44)	ND(0.48)
1,3,5-Trinitrobenzene		1,600	ND(0.44) J	ND(0.48) J
1,3-Dichlorobenzene		41	ND(0.44)	ND(0.48)
1,3-Dinitrobenzene		5.5	ND(0.89)	ND(0.88)
1,4-Dichlorobenzene		3	ND(0.44)	ND(0.48)
1,4-Naphthoquinone		55	ND(0.89)	ND(0.88)
1-Naphthylamine		Not Listed	ND(0.89)	ND(0.88)
2,3,4,6-Tetrachlorophenol		1,600	ND(0.44)	ND(0.48)
2,4,5-Trichlorophenol		5,500	ND(0.44)	ND(0.48)
2,4,6-Trichlorophenol		40	ND(0.44)	ND(0.48)
2,4-Dichlorophenol		160	ND(0.44)	ND(0.48)
2,4-Dimethylphenol		1,100	ND(0.44)	ND(0.48)
2,4-Dinitrophenol		110	ND(2.3) J	ND(2.4) J
2,4-Dinitrotoluene		110	ND(0.44)	ND(0.48)
2,6-Dichlorophenol		160	ND(0.44)	ND(0.48)
2,6-Dinitrotoluene		55	ND(0.44)	ND(0.48)
2-Acetylaminofluorene		0.56	ND(0.89)	ND(0.88)
2-Chloronaphthalene		3,700	ND(0.44)	ND(0.48)
2-Chlorophenol		59	ND(0.44)	ND(0.48)
2-Methylnaphthalene		55	0.17 J	ND(0.48)
2-Methylphenol		2,700	ND(0.44)	ND(0.48)
2-Naphthylamine		Not Listed	ND(0.89) J	ND(0.88) J
2-Nitroaniline		3.3	ND(2.3)	ND(2.4)
2-Nitrophenol		Not Listed	ND(0.89)	ND(0.88)
2-Picoline		55	ND(0.44)	ND(0.48)
3&4-Methylphenol		270	ND(0.89)	ND(0.88)
3,3'-Dichlorobenzidine		0.99	ND(0.89)	ND(0.95)
3,3'-Dimethylbenzidine		0.048	ND(0.44)	ND(0.48)
3-Methylcholanthrene		0.056	ND(0.89)	ND(0.88)
3-Nitroaniline		5.5	ND(2.3)	ND(2.4)
4,6-Dinitro-2-methylphenol		55	ND(0.44)	ND(0.48)
4-Aminobiphenyl		1400	ND(0.89)	ND(0.88)
4-Bromophenyl-phenylether		160	ND(0.44)	ND(0.48)
4-Chloro-3-Methylphenol		2,700	ND(0.44)	ND(0.48)
4-Chloroaniline		220	ND(0.44)	ND(0.48)
4-Chlorobenzilate		1.6	ND(0.89)	ND(0.88)
4-Chlorophenyl-phenylether		Not Listed	ND(0.44)	ND(0.48)
4-Nitroaniline		5.5	ND(2.3)	ND(2.2)
4-Nitrophenol		3,400	ND(2.3) J	ND(2.4) J
4-Nitroquinoline-1-oxide		110	ND(0.89)	ND(0.88)
4-Phenylenediamine		10,000	ND(0.89)	ND(0.88)
5-Nitro-o-toluidine		13	ND(0.89)	ND(0.88)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.89)	ND(0.88)
a,a'-Dimethylphenethylamine		55	ND(0.89)	ND(0.88)
Acenaphthene		2,600	0.12 J	ND(0.48)
Acenaphthylene		55	0.63	0.14 J
Acetophenone		0.49	ND(0.44)	ND(0.48)
Aniline		78	ND(0.44)	ND(0.48)
Anthracene		14,000	0.7	0.23 J
Aramite		18	ND(0.89)	ND(0.88)
Benzdine		0.0019	ND(0.89)	ND(0.95)
Benzo(a)anthracene		0.56	2.4	0.75
Benzo(a)pyrene		0.056	2.5	0.82
Benzo(b)fluoranthene		0.56	2.2	ND(0.48)
Benzo(g,h,i)perylene		55	1.6	0.53

**TABLE E-21
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-18 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-18-SB-2 0-1 06/25/03	I9-9-18-SB-2 3-5 06/25/03
Benzo(k)fluoranthene		5.6	2.1	ND(0.48)
Benzyl Alcohol		16,000	ND(0.89)	ND(0.95)
Semivolatle Organics (continued)				
bis(2-Chloroethoxy)methane		Not Listed	ND(0.44)	ND(0.48)
bis(2-Chloroethyl)ether		0.18	ND(0.44) J	ND(0.48) J
bis(2-Chloroisopropyl)ether		2.5	ND(0.44) J	ND(0.48) J
bis(2-Ethylhexyl)phthalate		32	ND(0.44)	ND(0.43)
Butylbenzylphthalate		930	ND(0.44)	ND(0.48)
Chrysene		56	2.4	0.76
Diallate		7.3	ND(0.89)	ND(0.88)
Dibenzo(a,h)anthracene		0.056	0.40 J	ND(0.48)
Dibenzofuran		210	0.13 J	ND(0.48)
Diethylphthalate		44,000	ND(0.44)	ND(0.48)
Dimethylphthalate		100,000	ND(0.44)	ND(0.48)
Di-n-Butylphthalate		5,500	ND(0.44)	ND(0.48)
Di-n-Octylphthalate		1,100	ND(0.44)	ND(0.48)
Diphenylamine		1,400	ND(0.44)	ND(0.48)
Ethyl Methanesulfonate		Not Listed	ND(0.44)	ND(0.48)
Fluoranthene		2,000	4.4	1.3
Fluorene		1,800	0.26 J	0.17 J
Hexachlorobenzene		0.28	ND(0.44)	ND(0.48)
Hexachlorobutadiene		5.7	ND(0.44)	ND(0.48)
Hexachlorocyclopentadiene		380	ND(0.44) J	ND(0.48) J
Hexachloroethane		32	ND(0.44)	ND(0.48)
Hexachlorophene		16	ND(0.89) J	ND(0.95) J
Hexachloropropene		Not Listed	ND(0.44)	ND(0.48)
Indeno(1,2,3-cd)pyrene		0.56	1.4	0.44 J
Isodrin		Not Listed	ND(0.44)	ND(0.48)
Isophorone		470	ND(0.44)	ND(0.48)
Isosafrole		Not Listed	ND(0.89)	ND(0.88)
Methapyrilene		55	ND(0.89)	ND(0.88)
Methyl Methanesulfonate		Not Listed	ND(0.44)	ND(0.48)
Naphthalene		55	0.51	0.12 J
Nitrobenzene		16	ND(0.44)	ND(0.48)
N-Nitrosodiethylamine		0.003	ND(0.44)	ND(0.48)
N-Nitrosodimethylamine		0.0087	ND(0.44)	ND(0.48)
N-Nitroso-di-n-butylamine		0.022	ND(0.89)	ND(0.88)
N-Nitroso-di-n-propylamine		0.063	ND(0.44)	ND(0.48)
N-Nitrosodiphenylamine		91	ND(0.44)	ND(0.48)
N-Nitrosomethylethylamine		0.02	ND(0.89)	ND(0.88)
N-Nitrosomorpholine		0.21	ND(0.44)	ND(0.48)
N-Nitrosopiperidine		0.21	ND(0.44)	ND(0.48)
N-Nitrosopyrrolidine		0.21	ND(0.89)	ND(0.88)
o,o,o-Triethylphosphorothioate		11	ND(0.44)	ND(0.48)
o-Toluidine		1.9	ND(0.44)	ND(0.48)
p-Dimethylaminoazobenzene		0.99	ND(0.89)	ND(0.88)
Pentachlorobenzene		44	ND(0.44)	ND(0.48)
Pentachloroethane		2.8	ND(0.44)	ND(0.48)
Pentachloronitrobenzene		1.7	ND(0.89)	ND(0.88)
Pentachlorophenol		2.5	ND(2.3)	ND(2.4)
Phenacetin		640	ND(0.89)	ND(0.88)
Phenanthrene		55	1.9	0.7
Phenol		33,000	ND(0.44)	ND(0.48)
Pronamide		4,100	ND(0.44)	ND(0.48)
Pyrene		1,500	3.9	1.5
Pyridine		55	ND(0.44)	ND(0.48)
Safrole		Not Listed	ND(0.44) J	ND(0.48) J
Thionazin		330	ND(0.44)	ND(0.48)

**TABLE E-21
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-18 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-18-SB-2 0-1 06/25/03	I9-9-18-SB-2 3-5 06/25/03
Furans				
2,3,7,8-TCDF		Not Applicable	0.000019 Y1	ND(0.00000055)
TCDFs (total)		Not Applicable	0.00028	ND(0.00000055)
1,2,3,7,8-PeCDF		Not Applicable	ND(0.0000084) X	ND(0.00000047)
2,3,4,7,8-PeCDF		Not Applicable	ND(0.0000059) X	ND(0.00000050)
PeCDFs (total)		Not Applicable	0.00021	ND(0.00000047)
1,2,3,4,7,8-HxCDF		Not Applicable	0.000032 I	ND(0.00000048)
1,2,3,6,7,8-HxCDF		Not Applicable	0.0000059	ND(0.00000047)
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.0000011)	ND(0.00000062)
2,3,4,6,7,8-HxCDF		Not Applicable	0.000013	ND(0.00000053)
HxCDFs (total)		Not Applicable	0.00021	ND(0.00000047)
1,2,3,4,6,7,8-HpCDF		Not Applicable	ND(0.000039) X	0.000017
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.0000059	ND(0.00000047) X
HpCDFs (total)		Not Applicable	0.0000059	0.000026
OCDF		Not Applicable	0.00013	0.0002
Dioxins				
2,3,7,8-TCDD		Not Applicable	ND(0.00000062)	ND(0.00000054)
TCDDs (total)		Not Applicable	0.0000021	ND(0.00000054)
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000015)	ND(0.00000074)
PeCDDs (total)		Not Applicable	ND(0.0000015)	ND(0.00000074)
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.0000011)	ND(0.00000071)
1,2,3,6,7,8-HxCDD		Not Applicable	ND(0.0000010)	ND(0.00000064)
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.0000010)	ND(0.00000065)
HxCDDs (total)		Not Applicable	ND(0.0000010)	ND(0.00000064)
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000031	0.0000068
HpCDDs (total)		Not Applicable	0.000056	0.0000068
OCDD		Not Applicable	0.00020 J	0.000029 J
Total TEQs (WHO TEFs)		Not Applicable	0.000011	0.0000013
Inorganics				
Antimony		30	1.80 B	ND(6.00)
Arsenic		0.38	10	6.9
Barium		5,200	98	51
Beryllium		150	0.160 J	0.170 J
Cadmium		37	0.59	0.120 B
Chromium		210	9	6
Cobalt		3,300	8	7
Copper		2,800	53	25
Cyanide		11	0.18	0.14
Lead		400	280	78
Mercury		22	0.38	0.17
Nickel		1,500	14	12
Selenium		370	1.30 J	1.00 J
Silver		370	0.440 B	0.180 B
Sulfide		350	21	160
Thallium		6	ND(1.30)	ND(1.30)
Tin		45,000	16	7.10 B
Vanadium		520	14	11
Zinc		22,000	200	70

**TABLE E-21
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-18 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
6. Shaded data indicates results from a sample collected at a depth below the depth proposed for use in the evaluations of this area based on the review of the PCB data (designated as the "X" depth). The data for this sample were considered in the screening table (Table E-22), but are not included in the subsequent evaluation tables (Tables E-24 and E-26). This was a conservative approach because the constituent concentrations in the sample collected from below the "X" depth are lower than the applicable comparison criteria specified in the evaluation tables.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- J - Estimated Value.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- 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 - Estimated Value.

**TABLE E-22
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
PARCEL I9-9-18 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS**

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Semivolatile Organics			
2-Methylnaphthalene	0.17	55*	No
Acenaphthene	0.12	2,600	No
Acenaphthylene	0.63	55*	No
Aniline	0.48	78	No
Anthracene	0.7	14,000	No
Benzo(a)anthracene	2.4	0.56	Yes
Benzo(a)pyrene	2.5	0.056	Yes
Benzo(b)fluoranthene	2.2	0.56	Yes
Benzo(g,h,i)perylene	1.6	55*	No
Benzo(k)fluoranthene	2.1	5.6	No
Chrysene	2.4	56	No
Dibenzo(a,h)anthracene	0.4	0.056	Yes
Dibenzofuran	0.19	210	No
Fluoranthene	4.4	2,000	No
Fluorene	0.59	1,800	No
Indeno(1,2,3-cd)pyrene	1.4	0.56	Yes
Naphthalene	0.51	55	No
Phenanthrene	2.7	55*	No
Pyrene	3.9	1,500	No
Inorganics			
Antimony	41	30	Yes
Arsenic	11	0.38	Yes
Barium	280	5,200	No
Beryllium	0.25	150	No
Cadmium	4.1	37	No
Chromium	22	210	No
Cobalt	14	3,300	No
Copper	190	2,800	No
Cyanide	0.69	11*	No
Lead	720	400	Yes
Mercury	1.2	22	No
Nickel	30	1,500	No
Selenium	2.1	370	No
Silver	2.2	370	No
Sulfide	320	350*	No
Tin	86	45,000	No
Vanadium	16	520	No
Zinc	560	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG. Maximum detected concentrations are derived from all data collected from this area, including results from samples collected below the "X" depth proposed for use in the evaluations (see note 6 in preceding Table E-21).

TABLE E-23
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-18: 0- TO 1-FOOT DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-18-SB-1 0-1 06/25/03	I9-9-18-SB-1-S 0-1 06/01/06	I9-9-17-SB-1 0-1 06/25/03	I9-9-19-SB-2 0-1 02/17/04	COMP-I9-9-18-SB-1 0-1 (See Note 2)
Semivolatile Organics					
Benzo(a)anthracene	0.13	--	(See Note 1)	(See Note 1)	--
Benzo(a)pyrene	0.32	--	(See Note 1)	(See Note 1)	--
Benzo(b)fluoranthene	0.32	--	(See Note 1)	(See Note 1)	--
Dibenzo(a,h)anthracene	0.32	--	(See Note 1)	(See Note 1)	--
Indeno(1,2,3-cd)pyrene	0.32	--	(See Note 1)	(See Note 1)	--
Dioxins/Furans					
Total TEQs (WHO TEFs)	1.60E-04	--	(See Note 1)	(See Note 1)	--
Inorganics					
Antimony	41.0	3.02	1.20	1.90	11.8
Arsenic	11.0	--	(See Note 1)	(See Note 1)	--
Lead	130	--	(See Note 1)	(See Note 1)	--

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-18-SB-2 0-1 06/25/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 7)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatile Organics					
Benzo(a)anthracene	2.4	N/A (See Note 7)	1.3	7	No
Benzo(a)pyrene	2.5	N/A (See Note 7)	1.4	2	No
Benzo(b)fluoranthene	2.2	N/A (See Note 7)	1.3	7	No
Dibenzo(a,h)anthracene	0.40	N/A (See Note 7)	0.36	0.7	No
Indeno(1,2,3-cd)pyrene	1.4	N/A (See Note 7)	0.86	7	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	1.10E-05	1.60E-04	N/A (See Note 7)	1.00E-03	No
Inorganics					
Antimony	1.80	N/A (See Note 7)	6.8	20	No
Arsenic	10.0	N/A (See Note 7)	10.5	20	No
Lead	280	N/A (See Note 7)	205	300	No

Notes:

- The antimony results presented are used to delineate sample I9-9-18-SB-1 (0-1') to the west and to the east. The SVOCs, Total TEQs, and remaining inorganics results are not presented herein, as these results are included in the evaluations of Parcels I9-9-17 and I9-9-19, respectively.
- The antimony result presented for this sample location represents the average result from the following samples (depth; date collected): I9-9-18-SB-1 (0-1'; 6/25/03), I9-9-18-SB-1-S (0-1'; 6/01/06), I9-9-17-SB-1 (0-1', 6/25/03), and I9-9-19-SB-2 (0-1', 2/17/04).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Not analyzed.

TABLE E-24
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-18: 1- TO X-FOOT [X=3] DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-18-SB-1 1-3 06/25/03	I9-9-18-SB-1-S 1-3 10/25/05	I9-9-17-SB-1 1-3 06/25/03	I9-9-19-SB-2-W 1-3 12/16/05	COMP-I9-9-18-SB-1 1-3 (See Note 2)
Semivolatile Organics					
Benzo(a)anthracene	1.0	--	(See Note 1)	(See Note 1)	--
Benzo(a)pyrene	0.81	--	(See Note 1)	(See Note 1)	--
Benzo(b)fluoranthene	0.79	--	(See Note 1)	(See Note 1)	--
Dibenzo(a,h)anthracene	0.33	--	(See Note 1)	(See Note 1)	--
Indeno(1,2,3-cd)pyrene	0.33	--	(See Note 1)	(See Note 1)	--
Dioxins/Furans					
Total TEQs (WHO TEFs)	2.80E-04	--	(See Note 1)	(See Note 1)	--
Inorganics					
Antimony	3.10	--	(See Note 1)	(See Note 1)	--
Arsenic	8.40	--	(See Note 1)	(See Note 1)	--
Lead	720	330	310	180	385

	Maximum Sample Result	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 7)	1.00	7	No
Benzo(a)pyrene	N/A (See Note 7)	0.81	2	No
Benzo(b)fluoranthene	N/A (See Note 7)	0.79	7	No
Dibenzo(a,h)anthracene	N/A (See Note 7)	0.33	0.7	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 7)	0.33	7	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	2.80E-04	N/A (See Note 7)	1.50E-03	No
Inorganics				
Antimony	N/A (See Note 7)	3.10	20	No
Arsenic	N/A (See Note 7)	8.40	20	No
Lead	N/A (See Note 7)	385	300	Yes

Notes:

- The lead results presented are used to delineate sample I9-9-18-SB-1 (1-3') to the west and to the east. The SVOCs, Total TEQs, and remaining inorganics results are not presented herein, as these results are included in the evaluations of Parcels I9-9-17 and I9-9-19, respectively.
- The lead result presented for this sample location represents the average result from the following samples (depth; date collected): I9-9-18-SB-1 (1-3'; 6/25/03), I9-9-18-SB-1-S (1-3'; 10/25/05), I9-9-17-SB-1 (1-3'; 6/25/03), and I9-9-19-SB-2W (1-3'; 12/16/05).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Not analyzed.

**TABLE E-25
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-18: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-18-SB-1 0-1 06/25/03	I9-9-18-SB-1-S 0-1 06/01/06	I9-9-17-SB-1 0-1 06/25/03	I9-9-19-SB-2 0-1 02/17/04	COMP-I9-9-18-SB-1 0-1 (See Note 2)
Semivolatile Organics					
Benzo(a)anthracene	0.13	--	(See Note 1)	(See Note 1)	--
Benzo(a)pyrene	0.32	--	(See Note 1)	(See Note 1)	--
Benzo(b)fluoranthene	0.32	--	(See Note 1)	(See Note 1)	--
Dibenzo(a,h)anthracene	0.32	--	(See Note 1)	(See Note 1)	--
Indeno(1,2,3-cd)pyrene	0.32	--	(See Note 1)	(See Note 1)	--
Dioxins/Furans					
Total TEQs (WHO TEFs)	1.60E-04	--	(See Note 1)	(See Note 1)	--
Inorganics					
Antimony	3.83	3.02	1.20	1.90	2.5
Arsenic	11.0	--	(See Note 1)	(See Note 1)	--
Lead	130	--	(See Note 1)	(See Note 1)	--

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-18-SB-2 0-1 06/25/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 7)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatile Organics					
Benzo(a)anthracene	2.4	N/A (See Note 7)	1.3	7	No
Benzo(a)pyrene	2.5	N/A (See Note 7)	1.4	2	No
Benzo(b)fluoranthene	2.2	N/A (See Note 7)	1.3	7	No
Dibenzo(a,h)anthracene	0.40	N/A (See Note 7)	0.36	0.7	No
Indeno(1,2,3-cd)pyrene	1.4	N/A (See Note 7)	0.86	7	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	1.10E-05	1.60E-04	N/A (See Note 7)	1.00E-03	No
Inorganics					
Antimony	1.80	N/A (See Note 7)	2.1	20	No
Arsenic	10.0	N/A (See Note 7)	10.5	20	No
Lead	280	N/A (See Note 7)	205	300	No

Notes:

- The antimony results presented are used to delineate sample I9-9-18-SB-1 (0-1') to the west and to the east. The SVOCs, Total TEQs, and remaining inorganics results are not presented herein, as these results are included in the evaluations of Parcels I9-9-17 and I9-9-19, respectively.
- The antimony result presented for this sample location represents the average result from the following samples (depth; date collected): I9-9-18-SB-1 (0-1'; 6/25/03), I9-9-18-SB-1-S (0-1'; 6/01/06), I9-9-17-SB-1 (0-1', 6/25/03), and I9-9-19-SB-2 (0-1', 2/17/04).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

**TABLE E-26
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-18: 1- TO X-FOOT [X=3] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-18-SB-1 1-3 06/25/03	I9-9-18-SB-1-S 1-3 10/25/05	I9-9-17-SB-1 1-3 06/25/03	I9-9-19-SB-2-W 1-3 12/16/05	COMP-I9-9-18-SB-1 1-3 (See Note 2)
Semivolatile Organics					
Benzo(a)anthracene	1.0	--	(See Note 1)	(See Note 1)	--
Benzo(a)pyrene	0.81	--	(See Note 1)	(See Note 1)	--
Benzo(b)fluoranthene	0.79	--	(See Note 1)	(See Note 1)	--
Dibenzo(a,h)anthracene	0.33	--	(See Note 1)	(See Note 1)	--
Indeno(1,2,3-cd)pyrene	0.33	--	(See Note 1)	(See Note 1)	--
Dioxins/Furans					
Total TEQs (WHO TEFs)	2.80E-04	--	(See Note 1)	(See Note 1)	--
Inorganics					
Antimony	3.10	--	(See Note 1)	(See Note 1)	--
Arsenic	8.40	--	(See Note 1)	(See Note 1)	--
Lead	6.24	330	310	180	207

	Maximum Sample Result	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 7)	1.00	7	No
Benzo(a)pyrene	N/A (See Note 7)	0.81	2	No
Benzo(b)fluoranthene	N/A (See Note 7)	0.79	7	No
Dibenzo(a,h)anthracene	N/A (See Note 7)	0.33	0.7	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 7)	0.33	7	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	2.80E-04	N/A (See Note 7)	1.00E-03	No
Inorganics				
Antimony	N/A (See Note 7)	3.10	20	No
Arsenic	N/A (See Note 7)	8.40	20	No
Lead	N/A (See Note 7)	207	300	No

Notes:

- The lead results presented are used to delineate sample I9-9-18-SB-1 (1-3') to the west and to the east. The SVOCs, Total TEQs, and remaining inorganics results are not presented herein, as these results are included in the evaluations of Parcels I9-9-17 and I9-9-19, respectively.
- The lead result presented for this sample location represents the average result from the following samples (depth; date collected): I9-9-18-SB-1 (1-3'; 6/25/03), I9-9-18-SB-1-S (1-3'; 10/25/05), I9-9-17-SB-1 (1-3', 6/25/03), and I9-9-19-SB-2W (1-3', 12/16/05).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.
- = Not analyzed.

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Parcel I9-9-19 (bank)

**TABLE E-27
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-19 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-19-SB-1 0-1 02/17/04	I9-9-19-SB-1 3-5 02/17/04	I9-9-19-SB-2 0-1 02/17/04
Volatile Organics					
1,1,1,2-Tetrachloroethane		2.8	ND(0.0079)	ND(0.0064)	ND(0.0082)
1,1,1-Trichloroethane		680	ND(0.0079)	ND(0.0064)	ND(0.0082)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0079)	ND(0.0064)	ND(0.0082)
1,1,2-Trichloroethane		0.82	ND(0.0079)	ND(0.0064)	ND(0.0082)
1,1-Dichloroethane		570	ND(0.0079)	ND(0.0064)	ND(0.0082)
1,1-Dichloroethene		0.052	ND(0.0079)	ND(0.0064)	ND(0.0082)
1,2,3-Trichloropropane		0.0014	ND(0.0079)	ND(0.0064)	ND(0.0082)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0079)	ND(0.0064)	ND(0.0082)
1,2-Dibromoethane		0.0049	ND(0.0079)	ND(0.0064)	ND(0.0082)
1,2-Dichloroethane		0.34	ND(0.0079)	ND(0.0064)	ND(0.0082)
1,2-Dichloropropane		0.34	ND(0.0079)	ND(0.0064)	ND(0.0082)
1,4-Dioxane		40	ND(0.16) J	ND(0.13) J	ND(0.16) J
2-Butanone		6,900	ND(0.016)	ND(0.013)	ND(0.016)
2-Chloro-1,3-butadiene		3.6	ND(0.0079)	ND(0.0064)	ND(0.0082)
2-Chloroethylvinylether		0.18	ND(0.0079)	ND(0.0064)	ND(0.0082)
2-Hexanone		750	ND(0.016)	ND(0.013)	ND(0.016)
3-Chloropropene		2,700	ND(0.0079)	ND(0.0064)	ND(0.0082)
4-Methyl-2-pentanone		750	ND(0.016)	ND(0.013)	ND(0.016)
Acetone		1,400	ND(0.032)	0.011 J	ND(0.033)
Acetonitrile		200	ND(0.16) J	ND(0.13) J	ND(0.16) J
Acrolein		0.1	ND(0.16) J	ND(0.13) J	ND(0.16) J
Acrylonitrile		0.19	ND(0.0079)	ND(0.0064)	ND(0.0082)
Benzene		0.62	ND(0.0079)	ND(0.0064)	ND(0.0082)
Bromodichloromethane		0.98	ND(0.0079)	ND(0.0064)	ND(0.0082)
Bromoform		56	ND(0.0079)	ND(0.0064)	ND(0.0082)
Bromomethane		3.8	ND(0.0079)	ND(0.0064)	ND(0.0082)
Carbon Disulfide		350	ND(0.0079)	ND(0.0064)	ND(0.0082)
Carbon Tetrachloride		0.23	ND(0.0079)	ND(0.0064)	ND(0.0082)
Chlorobenzene		54	ND(0.0079)	ND(0.0064)	ND(0.0082)
Chloroethane		1,600	ND(0.0079)	ND(0.0064)	ND(0.0082)
Chloroform		0.24	ND(0.0079)	ND(0.0064)	ND(0.0082)
Chloromethane		1.2	ND(0.0079)	ND(0.0064)	ND(0.0082)
cis-1,3-Dichloropropene		Not Listed	ND(0.0079)	ND(0.0064)	ND(0.0082)
Dibromochloromethane		5.3	ND(0.0079)	ND(0.0064)	ND(0.0082)
Dibromomethane		550	ND(0.0079)	ND(0.0064)	ND(0.0082)
Dichlorodifluoromethane		94	ND(0.0079)	ND(0.0064)	ND(0.0082)
Ethyl Methacrylate		140	ND(0.0079)	ND(0.0064)	ND(0.0082)
Ethylbenzene		230	ND(0.0079)	ND(0.0064)	ND(0.0082)
Iodomethane		1.2	ND(0.0079)	ND(0.0064)	ND(0.0082)
Isobutanol		10,000	ND(0.16) J	ND(0.13) J	ND(0.16) J
Methacrylonitrile		1.8	ND(0.0079)	ND(0.0064)	ND(0.0082)
Methyl Methacrylate		2,200	ND(0.0079)	ND(0.0064)	ND(0.0082)
Methylene Chloride		8.5	ND(0.0079)	ND(0.0064)	ND(0.0082)
Propionitrile		200	ND(0.016) J	ND(0.013) J	ND(0.016) J
Styrene		1,700	ND(0.0079)	ND(0.0064)	ND(0.0082)
Tetrachloroethene		4.7	ND(0.0079)	ND(0.0064)	ND(0.0082)
Toluene		520	ND(0.0079)	ND(0.0064)	ND(0.0082)
trans-1,2-Dichloroethene		62	ND(0.0079)	ND(0.0064)	ND(0.0082)
trans-1,3-Dichloropropene		Not Listed	ND(0.0079)	ND(0.0064)	ND(0.0082)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0079)	ND(0.0064)	ND(0.0082)
Trichloroethene		2.7	ND(0.0079)	ND(0.0064)	ND(0.0082)
Trichlorofluoromethane		380	ND(0.0079)	ND(0.0064)	ND(0.0082)
Vinyl Acetate		420	ND(0.0079)	ND(0.0064)	ND(0.0082)
Vinyl Chloride		0.021	ND(0.0079)	ND(0.0064)	ND(0.0082)
Xylenes (total)		210	ND(0.0079)	ND(0.0064)	ND(0.0082)

**TABLE E-27
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-19 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-19-SB-1 0-1 02/17/04	I9-9-19-SB-1 3-5 02/17/04	I9-9-19-SB-2 0-1 02/17/04
Semivolatle Organics					
1,2,4,5-Tetrachlorobenzene		16	ND(0.53)	ND(0.43)	ND(0.54) J
1,2,4-Trichlorobenzene		480	ND(0.53)	ND(0.43)	ND(0.54) J
1,2-Dichlorobenzene		370	ND(0.53)	ND(0.43)	ND(0.54)
1,2-Diphenylhydrazine		0.56	ND(0.53)	ND(0.43)	ND(0.54)
1,3,5-Trinitrobenzene		1,600	ND(0.53) J	ND(0.43) J	ND(0.54)
1,3-Dichlorobenzene		41	ND(0.53)	ND(0.43)	ND(0.54)
1,3-Dinitrobenzene		5.5	ND(1.0)	ND(0.86)	ND(1.1)
1,4-Dichlorobenzene		3	ND(0.53)	ND(0.43)	ND(0.54)
1,4-Naphthoquinone		55	ND(1.0) J	ND(0.86) J	ND(1.1) J
1-Naphthylamine		Not Listed	ND(1.0)	ND(0.86)	ND(1.1)
2,3,4,6-Tetrachlorophenol		1,600	ND(0.53)	ND(0.43)	ND(0.54)
2,4,5-Trichlorophenol		5,500	ND(0.53)	ND(0.43)	ND(0.54)
2,4,6-Trichlorophenol		40	ND(0.53)	ND(0.43)	ND(0.54)
2,4-Dichlorophenol		160	ND(0.53)	ND(0.43)	ND(0.54)
2,4-Dimethylphenol		1,100	ND(0.53)	ND(0.43)	ND(0.54)
2,4-Dinitrophenol		110	ND(2.7)	ND(2.2)	ND(2.8)
2,4-Dinitrotoluene		110	ND(0.53)	ND(0.43)	ND(0.54)
2,6-Dichlorophenol		160	ND(0.53)	ND(0.43)	ND(0.54)
2,6-Dinitrotoluene		55	ND(0.53)	ND(0.43)	ND(0.54)
2-Acetylaminofluorene		0.56	ND(1.0)	ND(0.86)	ND(1.1)
2-Chloronaphthalene		3,700	ND(0.53)	ND(0.43)	ND(0.54)
2-Chlorophenol		59	ND(0.53)	ND(0.43)	ND(0.54)
2-Methylnaphthalene		55	ND(0.53)	ND(0.43)	ND(0.54)
2-Methylphenol		2,700	ND(0.53)	ND(0.43)	ND(0.54)
2-Naphthylamine		Not Listed	ND(1.0)	ND(0.86)	ND(1.1)
2-Nitroaniline		3.3	ND(2.7) J	ND(2.2) J	ND(2.8) J
2-Nitrophenol		Not Listed	ND(1.0)	ND(0.86)	ND(1.1)
2-Picoline		55	ND(0.53)	ND(0.43)	ND(0.54)
3&4-Methylphenol		270	ND(1.0)	ND(0.86)	ND(1.1)
3,3'-Dichlorobenzidine		0.99	ND(1.0)	ND(0.86)	ND(1.1)
3,3'-Dimethylbenzidine		0.048	ND(0.53)	ND(0.43)	ND(0.54)
3-Methylcholanthrene		0.056	ND(1.0)	ND(0.86)	ND(1.1)
3-Nitroaniline		5.5	ND(2.7) J	ND(2.2) J	ND(2.8) J
4,6-Dinitro-2-methylphenol		55	ND(0.53)	ND(0.43)	ND(0.54)
4-Aminobiphenyl		1,400	ND(1.0)	ND(0.86)	ND(1.1)
4-Bromophenyl-phenylether		160	ND(0.53)	ND(0.43)	ND(0.54)
4-Chloro-3-Methylphenol		2,700	ND(0.53)	ND(0.43)	ND(0.54)
4-Chloroaniline		220	ND(0.53)	ND(0.43)	ND(0.54)
4-Chlorobenzilate		1.6	ND(1.0)	ND(0.86)	ND(1.1)
4-Chlorophenyl-phenylether		Not Listed	ND(0.53)	ND(0.43)	ND(0.54)
4-Nitroaniline		5.5	ND(2.7)	ND(2.2)	ND(2.8)
4-Nitrophenol		3,400	ND(2.7) J	ND(2.2) J	ND(2.8) J
4-Nitroquinoline-1-oxide		110	ND(1.0) J	ND(0.86) J	ND(1.1) J
4-Phenylenediamine		10,000	ND(1.0)	ND(0.86)	ND(1.1)
5-Nitro-o-toluidine		13	ND(1.0)	ND(0.86)	ND(1.1)
7,12-Dimethylbenz(a)anthracene		0.056	ND(1.0)	ND(0.86)	ND(1.1)
a,a'-Dimethylphenethylamine		55	ND(1.0)	ND(0.86)	ND(1.1)
Acenaphthene		2,600	ND(0.53)	0.21 J	ND(0.54) J
Acenaphthylene		55	0.25 J	0.69	0.11 J
Acetophenone		0.49	ND(0.53)	ND(0.43)	ND(0.54)
Aniline		78	ND(0.53)	ND(0.43)	0.20 J
Anthracene		14,000	0.18 J	1	0.13 J
Aramite		18	ND(1.0)	ND(0.86)	ND(1.1)
Benzidine		0.0019	ND(1.0) J	ND(0.86) J	ND(1.1) J
Benzo(a)anthracene		0.56	0.32 J	1.7	0.41 J
Benzo(a)pyrene		0.056	0.31 J	1.4	0.36 J
Benzo(b)fluoranthene		0.56	0.21 J	0.84	0.29 J
Benzo(g,h,i)perylene		55	0.27 J	0.69	0.24 J
Benzo(k)fluoranthene		5.6	0.25 J	1.2	0.35 J
Benzyl Alcohol		16,000	ND(1.0)	ND(0.86)	ND(1.1)

**TABLE E-27
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-19 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-19-SB-1 0-1 02/17/04	I9-9-19-SB-1 3-5 02/17/04	I9-9-19-SB-2 0-1 02/17/04
Semivolatle Organics (continued)					
bis(2-Chloroethoxy)methane		Not Listed	ND(0.53)	ND(0.43)	ND(0.54)
bis(2-Chloroethyl)ether		0.18	ND(0.53)	ND(0.43)	ND(0.54)
bis(2-Chloroisopropyl)ether		2.5	ND(0.53)	ND(0.43)	ND(0.54)
bis(2-Ethylhexyl)phthalate		32	ND(0.52)	ND(0.42)	ND(0.54)
Butylbenzylphthalate		930	ND(0.53)	ND(0.43)	ND(0.54)
Chrysene		56	0.37 J	1.6	0.46 J
Diallate		7.3	ND(1.0)	ND(0.86)	ND(1.1)
Dibenzo(a,h)anthracene		0.056	ND(0.53)	0.24 J	ND(0.54)
Dibenzofuran		210	ND(0.53)	0.32 J	ND(0.54)
Diethylphthalate		44,000	ND(0.53)	ND(0.43)	ND(0.54)
Dimethylphthalate		100,000	ND(0.53)	ND(0.43)	ND(0.54)
Di-n-Butylphthalate		5,500	ND(0.53)	ND(0.43)	ND(0.54)
Di-n-Octylphthalate		1,100	ND(0.53)	ND(0.43)	ND(0.54)
Diphenylamine		1,400	ND(0.53)	ND(0.43)	ND(0.54)
Ethyl Methanesulfonate		Not Listed	ND(0.53)	ND(0.43)	ND(0.54)
Fluoranthene		2,000	0.74	4.5	0.92
Fluorene		1,800	ND(0.53)	0.52	ND(0.54)
Hexachlorobenzene		0.28	ND(0.53)	ND(0.43)	ND(0.54)
Hexachlorobutadiene		5.7	ND(0.53)	ND(0.43)	ND(0.54)
Hexachlorocyclopentadiene		380	ND(0.53)	ND(0.43)	ND(0.54)
Hexachloroethane		32	ND(0.53)	ND(0.43)	ND(0.54)
Hexachlorophene		16	ND(1.0)	ND(0.86)	ND(1.1) J
Hexachloropropene		Not Listed	ND(0.53)	ND(0.43)	ND(0.54) J
Indeno(1,2,3-cd)pyrene		0.56	0.16 J	0.68	0.19 J
Isodrin		Not Listed	ND(0.53)	ND(0.43)	ND(0.54)
Isophorone		470	ND(0.53)	ND(0.43)	ND(0.54)
Isosafrole		Not Listed	ND(1.0)	ND(0.86)	ND(1.1)
Methapyrilene		55	ND(1.0)	ND(0.86)	ND(1.1)
Methyl Methanesulfonate		Not Listed	ND(0.53)	ND(0.43)	ND(0.54)
Naphthalene		55	0.18 J	0.21 J	ND(0.54)
Nitrobenzene		16	ND(0.53)	ND(0.43)	ND(0.54)
N-Nitrosodiethylamine		0.003	ND(0.53)	ND(0.43)	ND(0.54)
N-Nitrosodimethylamine		0.0087	ND(0.53)	ND(0.43)	ND(0.54)
N-Nitroso-di-n-butylamine		0.022	ND(1.0)	ND(0.86)	ND(1.1)
N-Nitroso-di-n-propylamine		0.063	ND(0.53)	ND(0.43)	ND(0.54)
N-Nitrosodiphenylamine		91	ND(0.53)	ND(0.43)	ND(0.54)
N-Nitrosomethylethylamine		0.02	ND(1.0)	ND(0.86)	ND(1.1)
N-Nitrosomorpholine		0.21	ND(0.53)	ND(0.43)	ND(0.54)
N-Nitrosopiperidine		0.21	ND(0.53)	ND(0.43)	ND(0.54)
N-Nitrosopyrrolidine		0.21	ND(1.0)	ND(0.86)	ND(1.1)
o,o,o-Triethylphosphorothioate		11	ND(0.53)	ND(0.43)	ND(0.54)
o-Toluidine		1.9	ND(0.53)	ND(0.43)	ND(0.54)
p-Dimethylaminoazobenzene		0.99	ND(1.0) J	ND(0.86) J	ND(1.1)
Pentachlorobenzene		44	ND(0.53)	ND(0.43)	ND(0.54)
Pentachloroethane		2.8	ND(0.53)	ND(0.43)	ND(0.54)
Pentachloronitrobenzene		1.7	ND(1.0)	ND(0.86)	ND(1.1)
Pentachlorophenol		2.5	ND(2.7)	ND(2.2)	ND(2.8)
Phenacetin		640	ND(1.0)	ND(0.86)	ND(1.1)
Phenanthrene		55	0.57	3.7	0.55
Phenol		33,000	ND(0.53)	ND(0.43)	ND(0.54)
Pronamide		4,100	ND(0.53)	ND(0.43)	ND(0.54)
Pyrene		1,500	0.6	3.1	0.86
Pyridine		55	ND(0.53)	ND(0.43)	ND(0.54)
Safrole		Not Listed	ND(0.53)	ND(0.43)	ND(0.54)
Thionazin		330	ND(0.53)	ND(0.43)	ND(0.54) J

**TABLE E-27
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-19 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-19-SB-1 0-1 02/17/04	I9-9-19-SB-1 3-5 02/17/04	I9-9-19-SB-2 0-1 02/17/04
Furans					
2,3,7,8-TCDF		Not Applicable	0.000068 Y	ND(0.00000054)	0.000057 Y
TCDFs (total)		Not Applicable	0.0052 I	0.000024 I	0.0029 I
1,2,3,7,8-PeCDF		Not Applicable	0.000033	ND(0.00000057)	0.000018
2,3,4,7,8-PeCDF		Not Applicable	0.000066	ND(0.00000058)	0.000044
PeCDFs (total)		Not Applicable	0.0064 I	0.000020 I	0.0030 I
1,2,3,4,7,8-HxCDF		Not Applicable	0.000039	ND(0.00000034)	0.000026
1,2,3,6,7,8-HxCDF		Not Applicable	0.00030 I	ND(0.00000033)	0.0000093
1,2,3,7,8,9-HxCDF		Not Applicable	0.000011	ND(0.00000018)	0.0000049
2,3,4,6,7,8-HxCDF		Not Applicable	0.00002	ND(0.00000031)	0.00001
HxCDFs (total)		Not Applicable	0.0023 I	0.0000059 I	0.00086 I
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000062	0.0000021	0.000054
1,2,3,4,7,8,9-HpCDF		Not Applicable	ND(0.000011) X	ND(0.00000026)	0.000006
HpCDFs (total)		Not Applicable	0.00014 I	0.0000024	0.00012 I
OCDF		Not Applicable	0.000056	ND(0.00000061)	0.000057
Dioxins					
2,3,7,8-TCDD		Not Applicable	ND(0.00000082)	ND(0.00000041)	ND(0.00000044)
TCDDs (total)		Not Applicable	ND(0.00000082)	ND(0.00000041)	0.0000049
1,2,3,7,8-PeCDD		Not Applicable	ND(0.00000060)	ND(0.00000013)	ND(0.00000037)
PeCDDs (total)		Not Applicable	ND(0.00000060)	ND(0.00000013)	ND(0.00000037)
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.00000016)	ND(0.00000054)	ND(0.00000011)
1,2,3,6,7,8-HxCDD		Not Applicable	ND(0.00000015)	ND(0.00000049)	ND(0.00000012)
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.00000013)	ND(0.00000045)	0.0000048
HxCDDs (total)		Not Applicable	ND(0.00000016)	ND(0.00000054)	0.0000054
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000041	ND(0.00000040)	0.000076
HpCDDs (total)		Not Applicable	0.000084	ND(0.00000040)	0.00014
OCDD		Not Applicable	0.00022	ND(0.00000042)	0.00046
Total TEQs (WHO TEFs)		Not Applicable	0.000083	0.0000012	0.000038
Inorganics					
Antimony		30	1.40 B	1.60 B	1.90 B
Arsenic		0.38	9.1	10	12
Barium		5,200	110	44	300
Beryllium		150	0.54	0.260 B	0.390 B
Cadmium		37	1.4	0.92	1.6
Chromium		210	14	11	20
Cobalt		3,300	9.2	11	10
Copper		2,800	92	40	130
Cyanide		11	0.38	0.13	0.28
Lead		400	350 J	84.0 J	760 J
Mercury		22	0.88	1.3	0.7
Nickel		1,500	21	22	26
Selenium		370	ND(0.00500) J	7.2	3.7
Silver		370	0.350 B	ND(1.00)	0.540 B
Sulfide		350	18	100	18
Thallium		6	ND(1.60)	ND(1.30)	ND(1.60)
Tin		45,000	21.0 J	52.0 J	100 J
Vanadium		520	20	12	26
Zinc		22,000	300	160	540

**TABLE E-27
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-19 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-19-SB-2 1-3 02/17/04	I9-9-19-SB-2-E 0-1 12/16/05	I9-9-19-SB-2-E 1-3 12/16/05	I9-9-19-SB-2-S 0-1 12/16/05
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0079) [ND(0.0074)]	NA	NA	NA
1,1,1-Trichloroethane		680	ND(0.0079) [ND(0.0074)]	NA	NA	NA
1,1,2,2-Tetrachloroethane		0.36	ND(0.0079) [ND(0.0074)]	NA	NA	NA
1,1,2-Trichloroethane		0.82	ND(0.0079) [ND(0.0074)]	NA	NA	NA
1,1-Dichloroethane		570	ND(0.0079) [ND(0.0074)]	NA	NA	NA
1,1-Dichloroethene		0.052	ND(0.0079) [ND(0.0074)]	NA	NA	NA
1,2,3-Trichloropropane		0.0014	ND(0.0079) [ND(0.0074)]	NA	NA	NA
1,2-Dibromo-3-chloropropane		0.32	ND(0.0079) [ND(0.0074)]	NA	NA	NA
1,2-Dibromoethane		0.0049	ND(0.0079) [ND(0.0074)]	NA	NA	NA
1,2-Dichloroethane		0.34	ND(0.0079) [ND(0.0074)]	NA	NA	NA
1,2-Dichloropropane		0.34	ND(0.0079) [ND(0.0074)]	NA	NA	NA
1,4-Dioxane		40	ND(0.16) J [ND(0.15) J]	NA	NA	NA
2-Butanone		6,900	ND(0.016) [ND(0.015)]	NA	NA	NA
2-Chloro-1,3-butadiene		3.6	ND(0.0079) [ND(0.0074)]	NA	NA	NA
2-Chloroethylvinylether		0.18	ND(0.0079) [ND(0.0074)]	NA	NA	NA
2-Hexanone		750	ND(0.016) [ND(0.015)]	NA	NA	NA
3-Chloropropene		2,700	ND(0.0079) [ND(0.0074)]	NA	NA	NA
4-Methyl-2-pentanone		750	ND(0.016) [ND(0.015)]	NA	NA	NA
Acetone		1,400	ND(0.032) [0.0095 J]	NA	NA	NA
Acetonitrile		200	ND(0.16) J [ND(0.15) J]	NA	NA	NA
Acrolein		0.1	ND(0.16) J [ND(0.15) J]	NA	NA	NA
Acrylonitrile		0.19	ND(0.0079) [ND(0.0074)]	NA	NA	NA
Benzene		0.62	ND(0.0079) [ND(0.0074)]	NA	NA	NA
Bromodichloromethane		0.98	ND(0.0079) [ND(0.0074)]	NA	NA	NA
Bromoform		56	ND(0.0079) [ND(0.0074)]	NA	NA	NA
Bromomethane		3.8	ND(0.0079) [ND(0.0074)]	NA	NA	NA
Carbon Disulfide		350	ND(0.0079) [ND(0.0074)]	NA	NA	NA
Carbon Tetrachloride		0.23	ND(0.0079) [ND(0.0074)]	NA	NA	NA
Chlorobenzene		54	ND(0.0079) [ND(0.0074)]	NA	NA	NA
Chloroethane		1,600	ND(0.0079) [ND(0.0074)]	NA	NA	NA
Chloroform		0.24	ND(0.0079) [ND(0.0074)]	NA	NA	NA
Chloromethane		1.2	ND(0.0079) [ND(0.0074)]	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	ND(0.0079) [ND(0.0074)]	NA	NA	NA
Dibromochloromethane		5.3	ND(0.0079) [ND(0.0074)]	NA	NA	NA
Dibromomethane		550	ND(0.0079) [ND(0.0074)]	NA	NA	NA
Dichlorodifluoromethane		94	ND(0.0079) [ND(0.0074)]	NA	NA	NA
Ethyl Methacrylate		140	ND(0.0079) [ND(0.0074)]	NA	NA	NA
Ethylbenzene		230	ND(0.0079) [ND(0.0074)]	NA	NA	NA
Iodomethane		1.2	ND(0.0079) [ND(0.0074)]	NA	NA	NA
Isobutanol		10,000	ND(0.16) J [ND(0.15) J]	NA	NA	NA
Methacrylonitrile		1.8	ND(0.0079) [ND(0.0074)]	NA	NA	NA
Methyl Methacrylate		2,200	ND(0.0079) [ND(0.0074)]	NA	NA	NA
Methylene Chloride		8.5	ND(0.0079) [ND(0.0074)]	NA	NA	NA
Propionitrile		200	ND(0.016) J [ND(0.015) J]	NA	NA	NA
Styrene		1,700	ND(0.0079) [ND(0.0074)]	NA	NA	NA
Tetrachloroethene		4.7	ND(0.0079) [ND(0.0074)]	NA	NA	NA
Toluene		520	ND(0.0079) [ND(0.0074)]	NA	NA	NA
trans-1,2-Dichloroethene		62	ND(0.0079) [ND(0.0074)]	NA	NA	NA
trans-1,3-Dichloropropene		Not Listed	ND(0.0079) [ND(0.0074)]	NA	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0079) [ND(0.0074)]	NA	NA	NA
Trichloroethene		2.7	ND(0.0079) [ND(0.0074)]	NA	NA	NA
Trichlorofluoromethane		380	ND(0.0079) [ND(0.0074)]	NA	NA	NA
Vinyl Acetate		420	ND(0.0079) [ND(0.0074)]	NA	NA	NA
Vinyl Chloride		0.021	ND(0.0079) [ND(0.0074)]	NA	NA	NA
Xylenes (total)		210	ND(0.0079) [ND(0.0074)]	NA	NA	NA

**TABLE E-27
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-19 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-19-SB-2 1-3 02/17/04	I9-9-19-SB-2-E 0-1 12/16/05	I9-9-19-SB-2-E 1-3 12/16/05	I9-9-19-SB-2-S 0-1 12/16/05
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.53) J [ND(0.49)]	NA	NA	NA
1,2,4-Trichlorobenzene		480	ND(0.53) [ND(0.49)]	NA	NA	NA
1,2-Dichlorobenzene		370	ND(0.53) [ND(0.49)]	NA	NA	NA
1,2-Diphenylhydrazine		0.56	ND(0.53) [ND(0.49)]	NA	NA	NA
1,3,5-Trinitrobenzene		1,600	ND(0.53) [ND(0.49) J]	NA	NA	NA
1,3-Dichlorobenzene		41	ND(0.53) [ND(0.49)]	NA	NA	NA
1,3-Dinitrobenzene		5.5	ND(1.0) [ND(0.99)]	NA	NA	NA
1,4-Dichlorobenzene		3	ND(0.53) [ND(0.49)]	NA	NA	NA
1,4-Naphthoquinone		55	ND(1.0) J [ND(0.99) J]	NA	NA	NA
1-Naphthylamine		Not Listed	ND(1.0) [ND(0.99)]	NA	NA	NA
2,3,4,6-Tetrachlorophenol		1,600	ND(0.53) [ND(0.49)]	NA	NA	NA
2,4,5-Trichlorophenol		5,500	ND(0.53) [ND(0.49)]	NA	NA	NA
2,4,6-Trichlorophenol		40	ND(0.53) [ND(0.49)]	NA	NA	NA
2,4-Dichlorophenol		160	ND(0.53) [ND(0.49)]	NA	NA	NA
2,4-Dimethylphenol		1,100	ND(0.53) [ND(0.49)]	NA	NA	NA
2,4-Dinitrophenol		110	ND(2.7) [ND(2.5)]	NA	NA	NA
2,4-Dinitrotoluene		110	ND(0.53) [ND(0.49)]	NA	NA	NA
2,6-Dichlorophenol		160	ND(0.53) [ND(0.49)]	NA	NA	NA
2,6-Dinitrotoluene		55	ND(0.53) [ND(0.49)]	NA	NA	NA
2-Acetylaminofluorene		0.56	ND(1.0) [ND(0.99)]	NA	NA	NA
2-Chloronaphthalene		3,700	ND(0.53) [ND(0.49)]	NA	NA	NA
2-Chlorophenol		59	ND(0.53) [ND(0.49)]	NA	NA	NA
2-Methylnaphthalene		55	ND(0.53) [ND(0.49)]	NA	NA	NA
2-Methylphenol		2,700	ND(0.53) [ND(0.49)]	NA	NA	NA
2-Naphthylamine		Not Listed	ND(1.0) [ND(0.99)]	NA	NA	NA
2-Nitroaniline		3.3	ND(2.7) J [ND(2.5) J]	NA	NA	NA
2-Nitrophenol		Not Listed	ND(1.0) [ND(0.99)]	NA	NA	NA
2-Picoline		55	ND(0.53) [ND(0.49)]	NA	NA	NA
3&4-Methylphenol		270	ND(1.0) [ND(0.99)]	NA	NA	NA
3,3'-Dichlorobenzidine		0.99	ND(1.0) [ND(0.99)]	NA	NA	NA
3,3'-Dimethylbenzidine		0.048	ND(0.53) [ND(0.49)]	NA	NA	NA
3-Methylcholanthrene		0.056	ND(1.0) [ND(0.99)]	NA	NA	NA
3-Nitroaniline		5.5	ND(2.7) J [ND(2.5) J]	NA	NA	NA
4,6-Dinitro-2-methylphenol		55	ND(0.53) [ND(0.49)]	NA	NA	NA
4-Aminobiphenyl		1,400	ND(1.0) [ND(0.99)]	NA	NA	NA
4-Bromophenyl-phenylether		160	ND(0.53) [ND(0.49)]	NA	NA	NA
4-Chloro-3-Methylphenol		2,700	ND(0.53) [ND(0.49)]	NA	NA	NA
4-Chloroaniline		220	ND(0.53) [ND(0.49)]	NA	NA	NA
4-Chlorobenzilate		1.6	ND(1.0) [ND(0.99)]	NA	NA	NA
4-Chlorophenyl-phenylether		Not Listed	ND(0.53) [ND(0.49)]	NA	NA	NA
4-Nitroaniline		5.5	ND(2.7) [ND(2.5)]	NA	NA	NA
4-Nitrophenol		3,400	ND(2.7) J [ND(2.5) J]	NA	NA	NA
4-Nitroquinoline-1-oxide		110	ND(1.0) J [ND(0.99) J]	NA	NA	NA
4-Phenylenediamine		10,000	ND(1.0) [ND(0.99)]	NA	NA	NA
5-Nitro-o-toluidine		13	ND(1.0) [ND(0.99)]	NA	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	ND(1.0) [ND(0.99)]	NA	NA	NA
a,a'-Dimethylphenethylamine		55	ND(1.0) [ND(0.99)]	NA	NA	NA
Acenaphthene		2,600	ND(0.53) [ND(0.49)]	NA	NA	NA
Acenaphthylene		55	ND(0.53) [ND(0.49)]	NA	NA	NA
Acetophenone		0.49	ND(0.53) [ND(0.49)]	NA	NA	NA
Aniline		78	ND(0.53) [ND(0.49)]	NA	NA	NA
Anthracene		14,000	ND(0.53) [ND(0.49)]	NA	NA	NA
Aramite		18	ND(1.0) [ND(0.99)]	NA	NA	NA
Benzidine		0.0019	ND(1.0) J [ND(0.99) J]	NA	NA	NA
Benzo(a)anthracene		0.56	ND(0.53) [0.11 J]	NA	NA	NA
Benzo(a)pyrene		0.056	ND(0.53) [ND(0.49)]	NA	NA	NA
Benzo(b)fluoranthene		0.56	ND(0.53) [ND(0.49)]	NA	NA	NA
Benzo(g,h,i)perylene		55	ND(0.53) [0.14 J]	NA	NA	NA
Benzo(k)fluoranthene		5.6	ND(0.53) [ND(0.49)]	NA	NA	NA
Benzyl Alcohol		16,000	ND(1.0) [ND(0.99)]	NA	NA	NA

**TABLE E-27
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-19 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-19-SB-2 1-3 02/17/04	I9-9-19-SB-2-E 0-1 12/16/05	I9-9-19-SB-2-E 1-3 12/16/05	I9-9-19-SB-2-S 0-1 12/16/05
Semivolatile Organics (continued)						
bis(2-Chloroethoxy)methane		Not Listed	ND(0.53) [ND(0.49)]	NA	NA	NA
bis(2-Chloroethyl)ether		0.18	ND(0.53) [ND(0.49)]	NA	NA	NA
bis(2-Chloroisopropyl)ether		2.5	ND(0.53) [ND(0.49)]	NA	NA	NA
bis(2-Ethylhexyl)phthalate		32	ND(0.52) [ND(0.49)]	NA	NA	NA
Butylbenzylphthalate		930	ND(0.53) [ND(0.49)]	NA	NA	NA
Chrysene		56	0.12 J [0.15 J]	NA	NA	NA
Diallate		7.3	ND(1.0) [ND(0.99)]	NA	NA	NA
Dibenzo(a,h)anthracene		0.056	ND(0.53) [ND(0.49)]	NA	NA	NA
Dibenzofuran		210	ND(0.53) [ND(0.49)]	NA	NA	NA
Diethylphthalate		44,000	ND(0.53) [ND(0.49)]	NA	NA	NA
Dimethylphthalate		100,000	ND(0.53) [ND(0.49)]	NA	NA	NA
Di-n-Butylphthalate		5,500	ND(0.53) [ND(0.49)]	NA	NA	NA
Di-n-Octylphthalate		1,100	ND(0.53) [ND(0.49)]	NA	NA	NA
Diphenylamine		1,400	ND(0.53) [ND(0.49)]	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(0.53) [ND(0.49)]	NA	NA	NA
Fluoranthene		2,000	0.24 J [0.30 J]	NA	NA	NA
Fluorene		1,800	ND(0.53) [ND(0.49)]	NA	NA	NA
Hexachlorobenzene		0.28	ND(0.53) [ND(0.49)]	NA	NA	NA
Hexachlorobutadiene		5.7	ND(0.53) [ND(0.49)]	NA	NA	NA
Hexachlorocyclopentadiene		380	ND(0.53) [ND(0.49)]	NA	NA	NA
Hexachloroethane		32	ND(0.53) [ND(0.49)]	NA	NA	NA
Hexachlorophene		16	ND(1.0) J [ND(0.99)]	NA	NA	NA
Hexachloropropene		Not Listed	ND(0.53) J [ND(0.49)]	NA	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	ND(0.53) [ND(0.49)]	NA	NA	NA
Isodrin		Not Listed	ND(0.53) [ND(0.49)]	NA	NA	NA
Isophorone		470	ND(0.53) [ND(0.49)]	NA	NA	NA
Isosafrole		Not Listed	ND(1.0) [ND(0.99)]	NA	NA	NA
Methapyrilene		55	ND(1.0) [ND(0.99)]	NA	NA	NA
Methyl Methanesulfonate		Not Listed	ND(0.53) [ND(0.49)]	NA	NA	NA
Naphthalene		55	ND(0.53) [ND(0.49)]	NA	NA	NA
Nitrobenzene		16	ND(0.53) [ND(0.49)]	NA	NA	NA
N-Nitrosodiethylamine		0.003	ND(0.53) [ND(0.49)]	NA	NA	NA
N-Nitrosodimethylamine		0.0087	ND(0.53) [ND(0.49)]	NA	NA	NA
N-Nitroso-di-n-butylamine		0.022	ND(1.0) [ND(0.99)]	NA	NA	NA
N-Nitroso-di-n-propylamine		0.063	ND(0.53) [ND(0.49)]	NA	NA	NA
N-Nitrosodiphenylamine		91	ND(0.53) [ND(0.49)]	NA	NA	NA
N-Nitrosomethylethylamine		0.02	ND(1.0) [ND(0.99)]	NA	NA	NA
N-Nitrosomorpholine		0.21	ND(0.53) [ND(0.49)]	NA	NA	NA
N-Nitrosopiperidine		0.21	ND(0.53) [ND(0.49)]	NA	NA	NA
N-Nitrosopyrrolidine		0.21	ND(1.0) [ND(0.99)]	NA	NA	NA
o,o,o-Triethylphosphorothioate		11	ND(0.53) [ND(0.49)]	NA	NA	NA
o-Toluidine		1.9	ND(0.53) [ND(0.49)]	NA	NA	NA
p-Dimethylaminoazobenzene		0.99	ND(1.0) [ND(0.99) J]	NA	NA	NA
Pentachlorobenzene		44	ND(0.53) [ND(0.49)]	NA	NA	NA
Pentachloroethane		2.8	ND(0.53) [ND(0.49)]	NA	NA	NA
Pentachloronitrobenzene		1.7	ND(1.0) [ND(0.99)]	NA	NA	NA
Pentachlorophenol		2.5	ND(2.7) [ND(2.5)]	NA	NA	NA
Phenacetin		640	ND(1.0) [ND(0.99)]	NA	NA	NA
Phenanthrene		55	0.19 J [0.25 J]	NA	NA	NA
Phenol		33,000	ND(0.53) [0.33 J]	NA	NA	NA
Pronamide		4,100	ND(0.53) [ND(0.49)]	NA	NA	NA
Pyrene		1,500	0.23 J [0.21 J]	NA	NA	NA
Pyridine		55	ND(0.53) [ND(0.49)]	NA	NA	NA
Safrole		Not Listed	ND(0.53) [ND(0.49)]	NA	NA	NA
Thionazin		330	ND(0.53) J [ND(0.49)]	NA	NA	NA

**TABLE E-27
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-19 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-19-SB-2 1-3 02/17/04	I9-9-19-SB-2-E 0-1 12/16/05	I9-9-19-SB-2-E 1-3 12/16/05	I9-9-19-SB-2-S 0-1 12/16/05
Furans						
2,3,7,8-TCDF		Not Applicable	0.0000082 Y [0.0000070 Y]	NA	NA	NA
TCDFs (total)		Not Applicable	0.00068 J [0.00040 I J]	NA	NA	NA
1,2,3,7,8-PeCDF		Not Applicable	0.0000029 [0.0000037]	NA	NA	NA
2,3,4,7,8-PeCDF		Not Applicable	0.0000045 [0.0000035]	NA	NA	NA
PeCDFs (total)		Not Applicable	0.00049 I [0.00030 I]	NA	NA	NA
1,2,3,4,7,8-HxCDF		Not Applicable	0.0000073 [0.0000057]	NA	NA	NA
1,2,3,6,7,8-HxCDF		Not Applicable	0.0000042 [0.0000044]	NA	NA	NA
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.00000078) J [0.0000038 J]	NA	NA	NA
2,3,4,6,7,8-HxCDF		Not Applicable	0.0000052 [0.0000046]	NA	NA	NA
HxCDFs (total)		Not Applicable	0.00024 J [0.00010 J]	NA	NA	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000014 [0.000011]	NA	NA	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	ND(0.00000059) J [0.0000052 J]	NA	NA	NA
HpCDFs (total)		Not Applicable	0.000025 [0.000021]	NA	NA	NA
OCDF		Not Applicable	0.000015 [0.000011]	NA	NA	NA
Dioxins						
2,3,7,8-TCDD		Not Applicable	ND(0.00000060) [ND(0.00000034)]	NA	NA	NA
TCDDs (total)		Not Applicable	ND(0.00000060) [ND(0.00000034)]	NA	NA	NA
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000042) [ND(0.0000021)]	NA	NA	NA
PeCDDs (total)		Not Applicable	ND(0.0000042) [ND(0.0000021)]	NA	NA	NA
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.0000010) [ND(0.0000052) X]	NA	NA	NA
1,2,3,6,7,8-HxCDD		Not Applicable	ND(0.0000010) J [0.0000045 J]	NA	NA	NA
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.00000093) [ND(0.0000041) X]	NA	NA	NA
HxCDDs (total)		Not Applicable	ND(0.0000010) J [0.0000040 J]	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000015 [0.0000099]	NA	NA	NA
HpCDDs (total)		Not Applicable	0.000029 [0.000019]	NA	NA	NA
OCDD		Not Applicable	0.000063 J [0.000024 J]	NA	NA	NA
Total TEQs (WHO TEFs)		Not Applicable	0.0000078 [0.0000069]	NA	NA	NA
Inorganics						
Antimony		30	2.40 B [2.50 B]	NA	NA	NA
Arsenic		0.38	15.0 [15.0]	NA	NA	NA
Barium		5,200	690 [580]	NA	NA	NA
Beryllium		150	0.520 [0.410 B]	NA	NA	NA
Cadmium		37	3.30 [2.40]	NA	NA	NA
Chromium		210	19.0 [18.0]	NA	NA	NA
Cobalt		3,300	11.0 [8.80]	NA	NA	NA
Copper		2,800	100 [86.0]	NA	NA	NA
Cyanide		11	0.240 [0.260]	NA	NA	NA
Lead		400	630 J [460 J]	350	530	900
Mercury		22	0.460 [0.700]	NA	NA	NA
Nickel		1,500	28.0 [23.0]	NA	NA	NA
Selenium		370	5.70 [5.80]	NA	NA	NA
Silver		370	1.20 [0.730 B]	NA	NA	NA
Sulfide		350	340 [300]	NA	NA	NA
Thallium		6	ND(1.60) [ND(1.50)]	NA	NA	NA
Tin		45,000	31.0 J [40.0 J]	NA	NA	NA
Vanadium		520	21.0 [20.0]	NA	NA	NA
Zinc		22,000	880 [780]	NA	NA	NA

**TABLE E-27
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-19 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-19-SB-2-S 1-3 12/16/05	I9-9-19-SB-2-SS 0-1 08/29/06	I9-9-19-SB-2-W 0-1 12/16/05	I9-9-19-SB-2-W 1-3 12/16/05
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	NA	NA	NA	NA
1,1,1-Trichloroethane		680	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane		0.36	NA	NA	NA	NA
1,1,2-Trichloroethane		0.82	NA	NA	NA	NA
1,1-Dichloroethane		570	NA	NA	NA	NA
1,1-Dichloroethene		0.052	NA	NA	NA	NA
1,2,3-Trichloropropane		0.0014	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA	NA	NA
1,2-Dibromoethane		0.0049	NA	NA	NA	NA
1,2-Dichloroethane		0.34	NA	NA	NA	NA
1,2-Dichloropropane		0.34	NA	NA	NA	NA
1,4-Dioxane		40	NA	NA	NA	NA
2-Butanone		6,900	NA	NA	NA	NA
2-Chloro-1,3-butadiene		3.6	NA	NA	NA	NA
2-Chloroethylvinylether		0.18	NA	NA	NA	NA
2-Hexanone		750	NA	NA	NA	NA
3-Chloropropene		2,700	NA	NA	NA	NA
4-Methyl-2-pentanone		750	NA	NA	NA	NA
Acetone		1,400	NA	NA	NA	NA
Acetonitrile		200	NA	NA	NA	NA
Acrolein		0.1	NA	NA	NA	NA
Acrylonitrile		0.19	NA	NA	NA	NA
Benzene		0.62	NA	NA	NA	NA
Bromodichloromethane		0.98	NA	NA	NA	NA
Bromoform		56	NA	NA	NA	NA
Bromomethane		3.8	NA	NA	NA	NA
Carbon Disulfide		350	NA	NA	NA	NA
Carbon Tetrachloride		0.23	NA	NA	NA	NA
Chlorobenzene		54	NA	NA	NA	NA
Chloroethane		1,600	NA	NA	NA	NA
Chloroform		0.24	NA	NA	NA	NA
Chloromethane		1.2	NA	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA
Dibromochloromethane		5.3	NA	NA	NA	NA
Dibromomethane		550	NA	NA	NA	NA
Dichlorodifluoromethane		94	NA	NA	NA	NA
Ethyl Methacrylate		140	NA	NA	NA	NA
Ethylbenzene		230	NA	NA	NA	NA
Iodomethane		1.2	NA	NA	NA	NA
Isobutanol		10,000	NA	NA	NA	NA
Methacrylonitrile		1.8	NA	NA	NA	NA
Methyl Methacrylate		2,200	NA	NA	NA	NA
Methylene Chloride		8.5	NA	NA	NA	NA
Propionitrile		200	NA	NA	NA	NA
Styrene		1,700	NA	NA	NA	NA
Tetrachloroethene		4.7	NA	NA	NA	NA
Toluene		520	NA	NA	NA	NA
trans-1,2-Dichloroethene		62	NA	NA	NA	NA
trans-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	NA	NA
Trichloroethene		2.7	NA	NA	NA	NA
Trichlorofluoromethane		380	NA	NA	NA	NA
Vinyl Acetate		420	NA	NA	NA	NA
Vinyl Chloride		0.021	NA	NA	NA	NA
Xylenes (total)		210	NA	NA	NA	NA

TABLE E-27
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-19 (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-19-SB-2-S 1-3 12/16/05	I9-9-19-SB-2-SS 0-1 08/29/06	I9-9-19-SB-2-W 0-1 12/16/05	I9-9-19-SB-2-W 1-3 12/16/05
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	NA	NA	NA	NA
1,2,4-Trichlorobenzene		480	NA	NA	NA	NA
1,2-Dichlorobenzene		370	NA	NA	NA	NA
1,2-Diphenylhydrazine		0.56	NA	NA	NA	NA
1,3,5-Trinitrobenzene		1,600	NA	NA	NA	NA
1,3-Dichlorobenzene		41	NA	NA	NA	NA
1,3-Dinitrobenzene		5.5	NA	NA	NA	NA
1,4-Dichlorobenzene		3	NA	NA	NA	NA
1,4-Naphthoquinone		55	NA	NA	NA	NA
1-Naphthylamine		Not Listed	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol		1,600	NA	NA	NA	NA
2,4,5-Trichlorophenol		5,500	NA	NA	NA	NA
2,4,6-Trichlorophenol		40	NA	NA	NA	NA
2,4-Dichlorophenol		160	NA	NA	NA	NA
2,4-Dimethylphenol		1,100	NA	NA	NA	NA
2,4-Dinitrophenol		110	NA	NA	NA	NA
2,4-Dinitrotoluene		110	NA	NA	NA	NA
2,6-Dichlorophenol		160	NA	NA	NA	NA
2,6-Dinitrotoluene		55	NA	NA	NA	NA
2-Acetylaminofluorene		0.56	NA	NA	NA	NA
2-Chloronaphthalene		3,700	NA	NA	NA	NA
2-Chlorophenol		59	NA	NA	NA	NA
2-Methylnaphthalene		55	NA	NA	NA	NA
2-Methylphenol		2,700	NA	NA	NA	NA
2-Naphthylamine		Not Listed	NA	NA	NA	NA
2-Nitroaniline		3.3	NA	NA	NA	NA
2-Nitrophenol		Not Listed	NA	NA	NA	NA
2-Picoline		55	NA	NA	NA	NA
3&4-Methylphenol		270	NA	NA	NA	NA
3,3'-Dichlorobenzidine		0.99	NA	NA	NA	NA
3,3'-Dimethylbenzidine		0.048	NA	NA	NA	NA
3-Methylcholanthrene		0.056	NA	NA	NA	NA
3-Nitroaniline		5.5	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol		55	NA	NA	NA	NA
4-Aminobiphenyl		1,400	NA	NA	NA	NA
4-Bromophenyl-phenylether		160	NA	NA	NA	NA
4-Chloro-3-Methylphenol		2,700	NA	NA	NA	NA
4-Chloroaniline		220	NA	NA	NA	NA
4-Chlorobenzilate		1.6	NA	NA	NA	NA
4-Chlorophenyl-phenylether		Not Listed	NA	NA	NA	NA
4-Nitroaniline		5.5	NA	NA	NA	NA
4-Nitrophenol		3,400	NA	NA	NA	NA
4-Nitroquinoline-1-oxide		110	NA	NA	NA	NA
4-Phenylenediamine		10,000	NA	NA	NA	NA
5-Nitro-o-toluidine		13	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	NA	NA	NA	NA
a,a'-Dimethylphenethylamine		55	NA	NA	NA	NA
Acenaphthene		2,600	NA	NA	NA	NA
Acenaphthylene		55	NA	NA	NA	NA
Acetophenone		0.49	NA	NA	NA	NA
Aniline		78	NA	NA	NA	NA
Anthracene		14,000	NA	NA	NA	NA
Aramite		18	NA	NA	NA	NA
Benzidine		0.0019	NA	NA	NA	NA
Benzo(a)anthracene		0.56	NA	NA	NA	NA
Benzo(a)pyrene		0.056	NA	NA	NA	NA
Benzo(b)fluoranthene		0.56	NA	NA	NA	NA
Benzo(g,h,i)perylene		55	NA	NA	NA	NA
Benzo(k)fluoranthene		5.6	NA	NA	NA	NA
Benzyl Alcohol		16,000	NA	NA	NA	NA

**TABLE E-27
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-19 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-19-SB-2-S 1-3 12/16/05	I9-9-19-SB-2-SS 0-1 08/29/06	I9-9-19-SB-2-W 0-1 12/16/05	I9-9-19-SB-2-W 1-3 12/16/05
Semivolatile Organics (continued)						
bis(2-Chloroethoxy)methane		Not Listed	NA	NA	NA	NA
bis(2-Chloroethyl)ether		0.18	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether		2.5	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate		32	NA	NA	NA	NA
Butylbenzylphthalate		930	NA	NA	NA	NA
Chrysene		56	NA	NA	NA	NA
Diallate		7.3	NA	NA	NA	NA
Dibenzo(a,h)anthracene		0.056	NA	NA	NA	NA
Dibenzofuran		210	NA	NA	NA	NA
Diethylphthalate		44,000	NA	NA	NA	NA
Dimethylphthalate		100,000	NA	NA	NA	NA
Di-n-Butylphthalate		5,500	NA	NA	NA	NA
Di-n-Octylphthalate		1,100	NA	NA	NA	NA
Diphenylamine		1,400	NA	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	NA	NA	NA	NA
Fluoranthene		2,000	NA	NA	NA	NA
Fluorene		1,800	NA	NA	NA	NA
Hexachlorobenzene		0.28	NA	NA	NA	NA
Hexachlorobutadiene		5.7	NA	NA	NA	NA
Hexachlorocyclopentadiene		380	NA	NA	NA	NA
Hexachloroethane		32	NA	NA	NA	NA
Hexachlorophene		16	NA	NA	NA	NA
Hexachloropropene		Not Listed	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	NA	NA	NA	NA
Isodrin		Not Listed	NA	NA	NA	NA
Isophorone		470	NA	NA	NA	NA
Isosafrole		Not Listed	NA	NA	NA	NA
Methapyrilene		55	NA	NA	NA	NA
Methyl Methanesulfonate		Not Listed	NA	NA	NA	NA
Naphthalene		55	NA	NA	NA	NA
Nitrobenzene		16	NA	NA	NA	NA
N-Nitrosodiethylamine		0.003	NA	NA	NA	NA
N-Nitrosodimethylamine		0.0087	NA	NA	NA	NA
N-Nitroso-di-n-butylamine		0.022	NA	NA	NA	NA
N-Nitroso-di-n-propylamine		0.063	NA	NA	NA	NA
N-Nitrosodiphenylamine		91	NA	NA	NA	NA
N-Nitrosomethylethylamine		0.02	NA	NA	NA	NA
N-Nitrosomorpholine		0.21	NA	NA	NA	NA
N-Nitrosopiperidine		0.21	NA	NA	NA	NA
N-Nitrosopyrrolidine		0.21	NA	NA	NA	NA
o,o,o-Triethylphosphorothioate		11	NA	NA	NA	NA
o-Toluidine		1.9	NA	NA	NA	NA
p-Dimethylaminoazobenzene		0.99	NA	NA	NA	NA
Pentachlorobenzene		44	NA	NA	NA	NA
Pentachloroethane		2.8	NA	NA	NA	NA
Pentachloronitrobenzene		1.7	NA	NA	NA	NA
Pentachlorophenol		2.5	NA	NA	NA	NA
Phenacetin		640	NA	NA	NA	NA
Phenanthrene		55	NA	NA	NA	NA
Phenol		33,000	NA	NA	NA	NA
Pronamide		4,100	NA	NA	NA	NA
Pyrene		1,500	NA	NA	NA	NA
Pyridine		55	NA	NA	NA	NA
Safrole		Not Listed	NA	NA	NA	NA
Thionazin		330	NA	NA	NA	NA

**TABLE E-27
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-19 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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): Date Collected:	EPA Region 9 Residential PRGs	I9-9-19-SB-2-S 1-3 12/16/05	I9-9-19-SB-2-SS 0-1 08/29/06	I9-9-19-SB-2-W 0-1 12/16/05	I9-9-19-SB-2-W 1-3 12/16/05
Furans					
2,3,7,8-TCDF	Not Applicable	NA	NA	NA	NA
TCDFs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	NA	NA	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	NA	NA	NA	NA
PeCDFs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA
HxCDFs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	NA	NA	NA
HpCDFs (total)	Not Applicable	NA	NA	NA	NA
OCDF	Not Applicable	NA	NA	NA	NA
Dioxins					
2,3,7,8-TCDD	Not Applicable	NA	NA	NA	NA
TCDDs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	NA	NA	NA	NA
PeCDDs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	NA	NA	NA	NA
HxCDDs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	NA	NA	NA
HpCDDs (total)	Not Applicable	NA	NA	NA	NA
OCDD	Not Applicable	NA	NA	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	NA	NA	NA	NA
Inorganics					
Antimony	30	NA	NA	NA	NA
Arsenic	0.38	NA	NA	NA	NA
Barium	5,200	NA	NA	NA	NA
Beryllium	150	NA	NA	NA	NA
Cadmium	37	NA	NA	NA	NA
Chromium	210	NA	NA	NA	NA
Cobalt	3,300	NA	NA	NA	NA
Copper	2,800	NA	NA	NA	NA
Cyanide	11	NA	NA	NA	NA
Lead	400	120	137 J [168 J]	820	180
Mercury	22	NA	NA	NA	NA
Nickel	1500	NA	NA	NA	NA
Selenium	370	NA	NA	NA	NA
Silver	370	NA	NA	NA	NA
Sulfide	350	NA	NA	NA	NA
Thallium	6	NA	NA	NA	NA
Tin	45,000	NA	NA	NA	NA
Vanadium	520	NA	NA	NA	NA
Zinc	22,000	NA	NA	NA	NA

**TABLE E-27
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-19 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
6. Field duplicate sample results are presented in brackets.
7. Shaded data indicates results from a sample collected at a depth below the depth proposed for use in the evaluations of this area based on the review of the PCB data (designated as the "X" depth). The data for this sample were considered in the screening table (Table E-28), but are not included in the subsequent evaluation tables (Tables E-30 and E-32). This was a conservative approach because the constituent concentrations in the sample collected from below the "X" depth are lower than the applicable comparison criteria specified in the evaluation tables.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- J - Estimated Value.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- 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 - Estimated Value.

TABLE E-28
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
PARCEL I9-9-19 (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Semivolatile Organics			
Acenaphthylene	0.25	55*	No
Aniline	0.2	78	No
Anthracene	0.18	14,000	No
Benzo(a)anthracene	0.41	0.56	No
Benzo(a)pyrene	0.36	0.056	Yes
Benzo(b)fluoranthene	0.29	0.56	No
Benzo(g,h,i)perylene	0.27	55*	No
Benzo(k)fluoranthene	0.35	5.6	No
Chrysene	0.46	56	No
Fluoranthene	0.92	2,000	No
Indeno(1,2,3-cd)pyrene	0.19	0.56	No
Naphthalene	0.18	55	No
Phenanthrene	0.57	55*	No
Phenol	0.33	33,000	No
Pyrene	0.86	1,500	No
Inorganics			
Antimony	2.5	30	No
Arsenic	15	0.38	Yes
Barium	690	5,200	No
Beryllium	0.54	150	No
Cadmium	3.3	37	No
Chromium	20	210	No
Cobalt	11	3,300	No
Copper	130	2,800	No
Cyanide	0.38	11*	No
Lead	900	400	Yes
Mercury	0.88	22	No
Nickel	28	1,500	No
Selenium	5.75	370	No
Silver	1.2	370	No
Sulfide	340	350*	No
Tin	100	45,000	No
Vanadium	26	520	No
Zinc	880	22,000	No

- Notes:**
1. PRG = Preliminary Remediation Goal.
 2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
 3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
 4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
 5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG. Maximum detected concentrations are derived from all data collected from this area.

**TABLE E-29
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-19: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-19-SB-2 0-1 02/17/04	I9-9-19-SB-2E 0-1 12/16/05	I9-9-19-SB-2S 0-1 12/16/05	I9-9-19-SB-2SS 0-1 08/29/06	I9-9-19-SB-2W 0-1 12/16/05	I9-9-18-SB-2 0-1 06/25/03
Semivolatile Organics						
Benzo(a)pyrene	0.36	--	--	--	--	(See Note 1)
Dioxins/Furans						
Total TEQs (WHO TEFs)	3.80E-05	--	--	--	--	(See Note 1)
Inorganics						
Arsenic	12.0	--	--	--	--	(See Note 1)
Lead	760	350	900	153	820	280

Sample ID: Sample Depth(Feet): Date Collected:	COMP-I9-9-19-SB-2 0-1 (See Note 2)	Maximum Sample Result	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 7)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatile Organics					
Benzo(a)pyrene	--	N/A (See Note 7)	0.36	2	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	3.80E-05	N/A (See Note 7)	1.00E-03	No
Inorganics					
Arsenic	--	N/A (See Note 7)	12.0	20	No
Lead	544	N/A (See Note 7)	544	300	Yes

Notes:

- The lead results presented are used to delineate sample I9-9-19-SB-2W (0-1') to the west.
The SVOC, Total TEQs and arsenic results are not presented herein, as these results are included in the evaluation of Parcel I9-9-18.
- The lead result presented for this sample location represents the average result from the following samples (depth; date collected):
I9-9-19-SB-2 (0-1'; 2/17/04), I9-9-19-SB-2E (0-1'; 12/16/05), I9-9-19-SB-2S (0-1', 12/16/05), I9-9-19-SB-2SS (0-1', 8/29/06), I9-9-19-SB-2W (0-1', 12/16/05), and I9-9-18-SB-2 (0-1', 6/25/03).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds.
Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Constituent not subject to analysis.

TABLE E-30
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-19: 1- TO X-FOOT [X=3] DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-19-SB-2 1-3 02/17/04	I9-9-19-SB-2E 1-3 12/16/05	I9-9-19-SB-2S 1-3 12/16/05	I9-9-19-SB-2W 1-3 12/16/05	COMP-I9-9-19-SB-2 1-3 (See Note 1)
Semivolatile Organics					
Benzo(a)pyrene	0.26	--	--	--	--
Dioxins/Furans					
Total TEQs (WHO TEFs)	7.80E-06	--	--	--	--
Inorganics					
Arsenic	15.0	--	--	--	--
Lead	545	530	120	180	344

Sample ID: Sample Depth(Feet): Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Semivolatile Organics				
Benzo(a)pyrene	N/A (See Note 6)	0.26	2	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	7.80E-06	N/A (See Note 6)	1.50E-03	No
Inorganics				
Arsenic	N/A (See Note 6)	15.0	20	No
Lead	N/A (See Note 6)	344	300	Yes

Notes:

- The lead result presented for this sample location represents the average result from the following samples (depth; date collected): I9-9-19-SB-2 (1-3'; 2/17/04), I9-9-19-SB-2E (1-3'; 12/16/05), I9-9-19-SB-2S (1-3', 12/16/05), and I9-9-19-SB-2W (1-3', 12/16/05).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
- = Constituent not subject to analysis.

**TABLE E-31
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-19: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-19-SB-2 0-1 02/17/04	I9-9-19-SB-2E 0-1 12/16/05	I9-9-19-SB-2S 0-1 12/16/05	I9-9-19-SB-2SS 0-1 08/29/06	I9-9-19-SB-2W 0-1 12/16/05	I9-9-18-SB-2 0-1 06/25/03
Semivolatile Organics						
Benzo(a)pyrene	0.36	--	--	--	--	(See Note 1)
Dioxins/Furans						
Total TEQs (WHO TEFs)	3.80E-05	--	--	--	--	(See Note 1)
Inorganics						
Arsenic	12.0	--	--	--	--	(See Note 1)
Lead	6.24	350	6.24	153	6.24	280

Sample ID: Sample Depth(Feet): Date Collected:	COMP-I9-9-19-SB-2 0-1 (See Note 2)	Maximum Sample Result	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatile Organics					
Benzo(a)pyrene	--	N/A (See Note 7)	0.36	2	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	3.80E-05	N/A (See Note 7)	1.00E-03	No
Inorganics					
Arsenic	--	N/A (See Note 7)	12.0	20	No
Lead	134	N/A (See Note 7)	134	300	No

Notes:

- The lead results presented are used to delineate sample I9-9-19-SB-2W (0-1') to the west.
The SVOC, Total TEQs and arsenic results are not presented herein, as these results are included in the evaluation of Parcel I9-9-18.
- The lead result presented for this sample location represents the average result from the following samples (depth; date collected):
I9-9-19-SB-2 (0-1'; 2/17/04), I9-9-19-SB-2E (0-1'; 12/16/05), I9-9-18-SB-2 (0-1', 6/25/03), I9-9-19-SB-2S (0-1', 12/16/05), I9-9-19-SB-2SS (0-1', 8/29/06), and I9-9-19-SB-2W (0-1', 12/16/05).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds.
Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Constituent not subject to analysis.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

TABLE E-32
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-19: 1- TO X-FOOT [X=3] DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-19-SB-2 1-3 02/17/04	I9-9-19-SB-2E 1-3 12/16/05	I9-9-19-SB-2S 1-3 12/16/05	I9-9-19-SB-2W 1-3 12/16/05	COMP-I9-9-19-SB-2 1-3 (See Note 1)
Semivolatile Organics					
Benzo(a)pyrene	0.26	--	--	--	--
Dioxins/Furans					
Total TEQs (WHO TEFs)	7.80E-06	--	--	--	--
Inorganics					
Arsenic	15.0	--	--	--	--
Lead	6.24	530	120	180	209

Sample ID: Sample Depth(Feet): Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Semivolatile Organics				
Benzo(a)pyrene	N/A (See Note 6)	0.26	2	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	7.80E-06	N/A (See Note 6)	1.50E-03	No
Inorganics				
Arsenic	N/A (See Note 6)	15.0	20	No
Lead	N/A (See Note 6)	209	300	No

Notes:

- The lead result presented for this sample location represents the average result from the following samples (depth; date collected): I9-9-19-SB-2 (1-3'; 2/17/04), I9-9-19-SB-2E (1-3'; 12/16/05), I9-9-19-SB-2S (1-3', 12/16/05), and I9-9-19-SB-2W (1-3', 12/16/05).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
- = Constituent not subject to analysis.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

ARCADIS

Parcel I9-9-21 and I9-9-22 (bank)

**TABLE E-33
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	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					
1,1,1,2-Tetrachloroethane		2.8	ND(0.0058)	ND(0.0061)	ND(0.0054)
1,1,1-Trichloroethane		680	ND(0.0058)	ND(0.0061)	ND(0.0054)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0058)	ND(0.0061)	ND(0.0054)
1,1,2-Trichloroethane		0.82	ND(0.0058)	ND(0.0061)	ND(0.0054)
1,1-Dichloroethane		570	ND(0.0058)	ND(0.0061)	ND(0.0054)
1,1-Dichloroethene		0.052	ND(0.0058)	ND(0.0061)	ND(0.0054)
1,2,3-Trichloropropane		0.0014	ND(0.0058)	ND(0.0061)	ND(0.0054)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0058)	ND(0.0061)	ND(0.0054)
1,2-Dibromoethane		0.0049	ND(0.0058)	ND(0.0061)	ND(0.0054)
1,2-Dichloroethane		0.34	ND(0.0058)	ND(0.0061)	ND(0.0054)
1,2-Dichloropropane		0.34	ND(0.0058)	ND(0.0061)	ND(0.0054)
1,4-Dioxane		40	ND(0.12) J	ND(0.12) J	ND(0.11) J
2-Butanone		6,900	ND(0.012)	ND(0.012)	ND(0.011)
2-Chloro-1,3-butadiene		3.6	ND(0.0058)	ND(0.0061)	ND(0.0054)
2-Chloroethylvinylether		0.18	ND(0.0058)	ND(0.0061)	ND(0.0054)
2-Hexanone		750	ND(0.012)	ND(0.012)	ND(0.011)
3-Chloropropene		2,700	ND(0.0058)	ND(0.0061)	ND(0.0054)
4-Methyl-2-pentanone		750	ND(0.012)	ND(0.012)	ND(0.011)
Acetone		1,400	0.015 J	ND(0.024)	ND(0.022)
Acetonitrile		200	ND(0.12) J	ND(0.12) J	ND(0.11) J
Acrolein		0.1	ND(0.12) J	ND(0.12) J	ND(0.11) J
Acrylonitrile		0.19	ND(0.0058)	ND(0.0061)	ND(0.0054)
Benzene		0.62	ND(0.0058)	ND(0.0061)	ND(0.0054)
Bromodichloromethane		0.98	ND(0.0058)	ND(0.0061)	ND(0.0054)
Bromoform		56	ND(0.0058)	ND(0.0061)	ND(0.0054)
Bromomethane		3.8	ND(0.0058)	ND(0.0061)	ND(0.0054)
Carbon Disulfide		350	ND(0.0058)	ND(0.0061)	ND(0.0054)
Carbon Tetrachloride		0.23	ND(0.0058)	ND(0.0061)	ND(0.0054)
Chlorobenzene		54	ND(0.0058)	ND(0.0061)	ND(0.0054)
Chloroethane		1,600	ND(0.0058)	ND(0.0061)	ND(0.0054)
Chloroform		0.24	ND(0.0058)	ND(0.0061)	ND(0.0054)
Chloromethane		1.2	ND(0.0058)	ND(0.0061)	ND(0.0054)
cis-1,3-Dichloropropene		Not Listed	ND(0.0058)	ND(0.0061)	ND(0.0054)
Dibromochloromethane		5.3	ND(0.0058)	ND(0.0061)	ND(0.0054)
Dibromomethane		550	ND(0.0058)	ND(0.0061)	ND(0.0054)
Dichlorodifluoromethane		94	ND(0.0058)	ND(0.0061)	ND(0.0054)
Ethyl Methacrylate		140	ND(0.0058)	ND(0.0061)	ND(0.0054)
Ethylbenzene		230	ND(0.0058)	ND(0.0061)	ND(0.0054)
Iodomethane		1.2	ND(0.0058) J	ND(0.0061) J	ND(0.0054) J
Isobutanol		10,000	ND(0.12) J	ND(0.12) J	ND(0.11) J
Methacrylonitrile		1.8	ND(0.0058)	ND(0.0061)	ND(0.0054)
Methyl Methacrylate		2,200	ND(0.0058)	ND(0.0061)	ND(0.0054)
Methylene Chloride		8.5	ND(0.0058)	ND(0.0061)	ND(0.0054)
Propionitrile		200	ND(0.012)	ND(0.012)	ND(0.011)
Styrene		1,700	ND(0.0058)	ND(0.0061)	ND(0.0054)
Tetrachloroethene		4.7	ND(0.0058)	ND(0.0061)	ND(0.0054)
Toluene		520	ND(0.0058)	ND(0.0061)	ND(0.0054)
trans-1,2-Dichloroethene		62	ND(0.0058)	ND(0.0061)	ND(0.0054)
trans-1,3-Dichloropropene		Not Listed	ND(0.0058)	ND(0.0061)	ND(0.0054)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0058)	ND(0.0061)	ND(0.0054)
Trichloroethene		2.7	ND(0.0058)	ND(0.0061)	ND(0.0054)
Trichlorofluoromethane		380	ND(0.0058)	ND(0.0061)	ND(0.0054)
Vinyl Acetate		420	ND(0.0058)	ND(0.0061)	ND(0.0054)
Vinyl Chloride		0.021	ND(0.0058)	ND(0.0061)	ND(0.0054)
Xylenes (total)		210	ND(0.0058)	ND(0.0061)	ND(0.0054)

**TABLE E-33
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	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
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		16	ND(0.38) J	ND(0.40) J	ND(0.36) J
1,2,4-Trichlorobenzene		480	ND(0.38)	0.13 J	ND(0.36)
1,2-Dichlorobenzene		370	ND(0.38)	ND(0.40)	ND(0.36)
1,2-Diphenylhydrazine		0.56	ND(0.38)	ND(0.40)	ND(0.36)
1,3,5-Trinitrobenzene		1,600	ND(0.38) J	ND(0.40) J	ND(0.36) J
1,3-Dichlorobenzene		41	ND(0.38)	ND(0.40)	ND(0.36)
1,3-Dinitrobenzene		5.5	ND(0.77)	ND(0.81)	ND(0.73)
1,4-Dichlorobenzene		3	ND(0.38)	ND(0.40)	ND(0.36)
1,4-Naphthoquinone		55	ND(0.77)	ND(0.81)	ND(0.73)
1-Naphthylamine		Not Listed	ND(0.77)	ND(0.81)	ND(0.73)
2,3,4,6-Tetrachlorophenol		1,600	ND(0.38) J	ND(0.40) J	R
2,4,5-Trichlorophenol		5,500	ND(0.38)	ND(0.40)	R
2,4,6-Trichlorophenol		40	ND(0.38)	ND(0.40)	R
2,4-Dichlorophenol		160	ND(0.38)	ND(0.40)	R
2,4-Dimethylphenol		1,100	ND(0.38)	ND(0.40)	R
2,4-Dinitrophenol		110	ND(2.0) J	ND(2.1) J	R
2,4-Dinitrotoluene		110	ND(0.38)	ND(0.40)	ND(0.36)
2,6-Dichlorophenol		160	ND(0.38)	ND(0.40)	R
2,6-Dinitrotoluene		55	ND(0.38)	ND(0.40)	ND(0.36)
2-Acetylaminofluorene		0.56	ND(0.77)	ND(0.81)	ND(0.73)
2-Chloronaphthalene		3,700	ND(0.38)	ND(0.40)	ND(0.36)
2-Chlorophenol		59	ND(0.38)	ND(0.40)	R
2-Methylnaphthalene		55	0.094 J	ND(0.40)	ND(0.36)
2-Methylphenol		2,700	ND(0.38)	ND(0.40)	ND(0.36)
2-Naphthylamine		Not Listed	ND(0.77)	ND(0.81)	ND(0.73)
2-Nitroaniline		3.3	ND(2.0)	ND(2.1)	ND(1.8)
2-Nitrophenol		Not Listed	ND(0.77)	ND(0.81)	R
2-Picoline		55	ND(0.38)	ND(0.40)	ND(0.36)
3&4-Methylphenol		270	ND(0.77)	ND(0.81)	R
3,3'-Dichlorobenzidine		0.99	ND(0.77) J	ND(0.81) J	ND(0.73) J
3,3'-Dimethylbenzidine		0.048	ND(0.38)	ND(0.40)	ND(0.36)
3-Methylcholanthrene		0.056	ND(0.77)	ND(0.81)	ND(0.73)
3-Nitroaniline		5.5	ND(2.0)	ND(2.1)	ND(1.8)
4,6-Dinitro-2-methylphenol		55	ND(0.38)	ND(0.40)	R
4-Aminobiphenyl		1,400	ND(0.77)	ND(0.81)	ND(0.73)
4-Bromophenyl-phenylether		160	ND(0.38)	ND(0.40)	ND(0.36)
4-Chloro-3-Methylphenol		2,700	ND(0.38)	ND(0.40) J	R
4-Chloroaniline		220	ND(0.38)	ND(0.40)	ND(0.36)
4-Chlorobenzilate		1.6	ND(0.77)	ND(0.81)	ND(0.73)
4-Chlorophenyl-phenylether		Not Listed	ND(0.38)	ND(0.40)	ND(0.36)
4-Nitroaniline		5.5	ND(2.0) J	ND(2.1) J	ND(1.8) J
4-Nitrophenol		3,400	ND(2.0) J	ND(2.1) J	R
4-Nitroquinoline-1-oxide		110	ND(0.77)	ND(0.81)	ND(0.73)
4-Phenylenediamine		10,000	ND(0.77)	ND(0.81)	ND(0.73)
5-Nitro-o-toluidine		13	ND(0.77)	ND(0.81)	ND(0.73)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.77)	ND(0.81)	ND(0.73)
a,a'-Dimethylphenethylamine		55	ND(0.77)	ND(0.81)	ND(0.73)
Acenaphthene		2,600	0.42	ND(0.40)	ND(0.36)
Acenaphthylene		55	ND(0.38)	ND(0.40)	ND(0.36)
Acetophenone		0.49	ND(0.38)	ND(0.40)	ND(0.36)
Aniline		78	ND(0.38)	0.13 J	ND(0.36)
Anthracene		14,000	0.37 J	ND(0.40)	ND(0.36)
Aramite		18	ND(0.77)	ND(0.81)	ND(0.73)
Benzidine		0.0019	ND(0.77) J	ND(0.81) J	ND(0.73) J
Benzo(a)anthracene		0.56	0.95	0.11 J	ND(0.36)
Benzo(a)pyrene		0.056	0.92	0.094 J	ND(0.36)
Benzo(b)fluoranthene		0.56	0.69	ND(0.40)	ND(0.36)
Benzo(g,h,i)perylene		55	0.63	0.12 J	ND(0.36)

TABLE E-33
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	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
Benzo(k)fluoranthene		5.6	0.72	ND(0.40)	ND(0.36)
Benzyl Alcohol		16,000	ND(0.77)	ND(0.81)	R
Semivolatile Organics (continued)					
bis(2-Chloroethoxy)methane		Not Listed	ND(0.38) J	ND(0.40) J	ND(0.36) J
bis(2-Chloroethyl)ether		0.18	ND(0.38)	ND(0.40)	ND(0.36)
bis(2-Chloroisopropyl)ether		2.5	ND(0.38)	ND(0.40)	ND(0.36)
bis(2-Ethylhexyl)phthalate		32	ND(0.38)	ND(0.40)	ND(0.36)
Butylbenzylphthalate		930	ND(0.38)	ND(0.40)	ND(0.36)
Chrysene		56	1	0.14 J	ND(0.36)
Diallate		7.3	ND(0.77)	ND(0.81)	ND(0.73)
Dibenzo(a,h)anthracene		0.056	ND(0.38)	ND(0.40)	ND(0.36)
Dibenzofuran		210	0.10 J	ND(0.40)	ND(0.36)
Diethylphthalate		44,000	ND(0.38)	ND(0.40)	ND(0.36)
Dimethylphthalate		100,000	ND(0.38)	ND(0.40)	ND(0.36)
Di-n-Butylphthalate		5,500	ND(0.38)	ND(0.40)	ND(0.36)
Di-n-Octylphthalate		1,100	ND(0.38)	ND(0.40)	ND(0.36)
Diphenylamine		1,400	ND(0.38)	ND(0.40)	ND(0.36)
Ethyl Methanesulfonate		Not Listed	ND(0.38)	ND(0.40)	ND(0.36)
Fluoranthene		2,000	2.2	0.22 J	ND(0.36)
Fluorene		1,800	0.18 J	ND(0.40)	ND(0.36)
Hexachlorobenzene		0.28	ND(0.38)	ND(0.40)	ND(0.36)
Hexachlorobutadiene		5.7	ND(0.38)	ND(0.40)	ND(0.36)
Hexachlorocyclopentadiene		380	ND(0.38) J	ND(0.40) J	ND(0.36) J
Hexachloroethane		32	ND(0.38)	ND(0.40)	ND(0.36)
Hexachlorophene		16	ND(0.77) J	ND(0.81) J	ND(0.73) J
Hexachloropropene		Not Listed	ND(0.38) J	ND(0.40) J	ND(0.36) J
Indeno(1,2,3-cd)pyrene		0.56	0.47	0.12 J	ND(0.36)
Isodrin		Not Listed	ND(0.38)	ND(0.40)	ND(0.36)
Isophorone		470	ND(0.38)	ND(0.40)	ND(0.36)
Isosafrole		Not Listed	ND(0.77)	ND(0.81)	ND(0.73)
Methapyrilene		55	ND(0.77)	ND(0.81)	ND(0.73)
Methyl Methanesulfonate		Not Listed	ND(0.38)	ND(0.40)	ND(0.36)
Naphthalene		55	0.15 J	ND(0.40)	ND(0.36)
Nitrobenzene		16	ND(0.38)	ND(0.40)	ND(0.36)
N-Nitrosodiethylamine		0.003	ND(0.38)	ND(0.40)	ND(0.36)
N-Nitrosodimethylamine		0.0087	ND(0.38)	ND(0.40)	ND(0.36)
N-Nitroso-di-n-butylamine		0.022	ND(0.77) J	ND(0.81) J	ND(0.73) J
N-Nitroso-di-n-propylamine		0.063	ND(0.38)	ND(0.40)	ND(0.36)
N-Nitrosodiphenylamine		91	ND(0.38)	ND(0.40)	ND(0.36)
N-Nitrosomethylethylamine		0.02	ND(0.77)	ND(0.81)	ND(0.73)
N-Nitrosomorpholine		0.21	ND(0.38)	ND(0.40)	ND(0.36)
N-Nitrosopiperidine		0.21	ND(0.38)	ND(0.40)	ND(0.36)
N-Nitrosopyrrolidine		0.21	ND(0.77)	ND(0.81)	ND(0.73)
o,o,o-Triethylphosphorothioate		11	ND(0.38) J	ND(0.40) J	ND(0.36) J
o-Toluidine		1.9	ND(0.38)	ND(0.40)	ND(0.36)
p-Dimethylaminoazobenzene		0.99	ND(0.77)	ND(0.81)	ND(0.73)
Pentachlorobenzene		44	ND(0.38)	ND(0.40)	ND(0.36)
Pentachloroethane		2.8	ND(0.38)	ND(0.40)	ND(0.36)
Pentachloronitrobenzene		1.7	ND(0.77) J	ND(0.81) J	ND(0.73) J
Pentachlorophenol		2.5	ND(2.0)	ND(2.1) J	R
Phenacetin		640	ND(0.77)	ND(0.81)	ND(0.73)
Phenanthrene		55	1.7	0.13 J	ND(0.36)
Phenol		33,000	ND(0.38)	ND(0.40)	R
Pronamide		4,100	ND(0.38)	ND(0.40)	ND(0.36)
Pyrene		1,500	1.9	0.18 J	ND(0.36)
Pyridine		55	ND(0.38)	ND(0.40)	ND(0.36)
Safrole		Not Listed	ND(0.38) J	ND(0.40) J	ND(0.36) J
Thionazin		330	ND(0.38)	ND(0.40)	ND(0.36)

**TABLE E-33
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	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
Furans					
2,3,7,8-TCDF		Not Applicable	ND(0.0000041)	ND(0.0000043)	ND(0.0000026)
TCDFs (total)		Not Applicable	ND(0.0000041)	ND(0.0000043)	0.000018
1,2,3,7,8-PeCDF		Not Applicable	ND(0.0000073)	ND(0.0000097)	ND(0.0000057)
2,3,4,7,8-PeCDF		Not Applicable	ND(0.0000077)	ND(0.000010)	ND(0.0000060)
PeCDFs (total)		Not Applicable	ND(0.0000073)	0.00077 J	ND(0.0000057)
1,2,3,4,7,8-HxCDF		Not Applicable	ND(0.0000054)	ND(0.0000051)	ND(0.0000044)
1,2,3,6,7,8-HxCDF		Not Applicable	0.00038 I	0.0028 IJ	0.000097 I
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.0000073)	ND(0.0000070)	ND(0.0000060)
2,3,4,6,7,8-HxCDF		Not Applicable	ND(0.0000066)	ND(0.0000062)	ND(0.0000054)
HxCDFs (total)		Not Applicable	0.00092	0.0050 J	0.00018
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000062	0.00018 J	0.000045
1,2,3,4,7,8,9-HpCDF		Not Applicable	ND(0.0000069)	ND(0.0000059)	0.000011 J
HpCDFs (total)		Not Applicable	0.000062	0.00044 J	0.00012
OCDF		Not Applicable	0.00012	0.00016 J	0.00035
Dioxins					
2,3,7,8-TCDD		Not Applicable	ND(0.0000099)	ND(0.0000098)	ND(0.0000045)
TCDDs (total)		Not Applicable	ND(0.0000099)	ND(0.0000098)	ND(0.0000045)
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000094)	ND(0.000013)	ND(0.0000081)
PeCDDs (total)		Not Applicable	ND(0.0000094)	ND(0.000013)	ND(0.0000081)
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.0000086)	ND(0.0000094)	ND(0.0000093)
1,2,3,6,7,8-HxCDD		Not Applicable	ND(0.0000068)	ND(0.0000074)	ND(0.0000074)
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.0000071)	ND(0.0000078)	ND(0.0000077)
HxCDDs (total)		Not Applicable	0.000025	0.000058 J	ND(0.0000074)
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000056	0.000060 J	0.000044
HpCDDs (total)		Not Applicable	0.00011	0.00012 J	0.0001
OCDD		Not Applicable	0.00034	0.00030 J	0.00036
Total TEQs (WHO TEFs)		Not Applicable	0.000053	0.0003	0.000021
Inorganics					
Antimony		30	ND(6.00)	0.930 B	1.20 B
Arsenic		0.38	7.4	7	5.1
Barium		5,200	48	52	150
Beryllium		150	ND(0.500)	ND(0.500)	ND(0.500)
Cadmium		37	1.6	2.8	1.5
Chromium		210	9.60 J	9.20 J	7.60 J
Cobalt		3,300	7.7	6.4	6
Copper		2,800	88.0 J	51.0 J	42.0 J
Cyanide		11	0.17	0.0950 B	0.100 B
Lead		400	220 J	220 J	120 J
Mercury		22	0.23	0.37	0.11
Nickel		1,500	19.0 J	18.0 J	11.0 J
Selenium		370	ND(1.00) J	ND(1.00) J	ND(1.00) J
Silver		370	ND(1.00)	0.490 B	ND(1.00)
Sulfide		350	7.4	7.8	7
Thallium		6	ND(1.20)	ND(1.20)	ND(1.10)
Tin		45,000	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium		520	13	12	9.8
Zinc		22,000	150 J	160 J	55.0 J

**TABLE E-33
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	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
Volatile Organics					
1,1,1,2-Tetrachloroethane		2.8	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
1,1,1-Trichloroethane		680	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
1,1,2-Trichloroethane		0.82	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
1,1-Dichloroethane		570	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
1,1-Dichloroethene		0.052	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
1,2,3-Trichloropropane		0.0014	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
1,2-Dibromoethane		0.0049	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
1,2-Dichloroethane		0.34	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
1,2-Dichloropropane		0.34	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
1,4-Dioxane		40	ND(0.11) J [ND(0.11) J]	ND(0.11) J	ND(0.14) J
2-Butanone		6,900	ND(0.011) [ND(0.011)]	ND(0.011)	ND(0.014)
2-Chloro-1,3-butadiene		3.6	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
2-Chloroethylvinylether		0.18	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
2-Hexanone		750	ND(0.011) [ND(0.011)]	ND(0.011)	ND(0.014)
3-Chloropropene		2,700	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
4-Methyl-2-pentanone		750	ND(0.011) [ND(0.011)]	ND(0.011)	ND(0.014)
Acetone		1,400	ND(0.022) [ND(0.022)]	ND(0.022)	ND(0.028)
Acetonitrile		200	ND(0.11) J [ND(0.11) J]	ND(0.11) J	ND(0.14) J
Acrolein		0.1	ND(0.11) J [ND(0.11) J]	ND(0.11) J	ND(0.14) J
Acrylonitrile		0.19	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
Benzene		0.62	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
Bromodichloromethane		0.98	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
Bromoform		56	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
Bromomethane		3.8	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
Carbon Disulfide		350	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
Carbon Tetrachloride		0.23	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
Chlorobenzene		54	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
Chloroethane		1,600	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
Chloroform		0.24	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
Chloromethane		1.2	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
cis-1,3-Dichloropropene		Not Listed	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
Dibromochloromethane		5.3	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
Dibromomethane		550	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
Dichlorodifluoromethane		94	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
Ethyl Methacrylate		140	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
Ethylbenzene		230	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
Iodomethane		1.2	ND(0.0056) J [ND(0.0056) J]	ND(0.0054) J	ND(0.0070) J
Isobutanol		10,000	ND(0.11) J [ND(0.11) J]	ND(0.11) J	ND(0.14) J
Methacrylonitrile		1.8	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
Methyl Methacrylate		2,200	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
Methylene Chloride		8.5	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
Propionitrile		200	ND(0.011) [ND(0.011)]	ND(0.011)	ND(0.014)
Styrene		1,700	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
Tetrachloroethene		4.7	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
Toluene		520	ND(0.0056) [0.0030 J]	ND(0.0054)	ND(0.0070)
trans-1,2-Dichloroethene		62	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
trans-1,3-Dichloropropene		Not Listed	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
Trichloroethene		2.7	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
Trichlorofluoromethane		380	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
Vinyl Acetate		420	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
Vinyl Chloride		0.021	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)
Xylenes (total)		210	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0070)

**TABLE E-33
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	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
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		16	ND(0.38) J [ND(0.37) J]	ND(0.45) J	ND(0.46) J
1,2,4-Trichlorobenzene		480	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
1,2-Dichlorobenzene		370	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
1,2-Diphenylhydrazine		0.56	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
1,3,5-Trinitrobenzene		1,600	ND(0.38) J [ND(0.37) J]	ND(0.45) J	ND(0.46) J
1,3-Dichlorobenzene		41	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
1,3-Dinitrobenzene		5.5	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
1,4-Dichlorobenzene		3	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
1,4-Naphthoquinone		55	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
1-Naphthylamine		Not Listed	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
2,3,4,6-Tetrachlorophenol		1,600	ND(0.38) J [ND(0.37) J]	ND(0.45) J	ND(0.46) J
2,4,5-Trichlorophenol		5,500	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
2,4,6-Trichlorophenol		40	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
2,4-Dichlorophenol		160	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
2,4-Dimethylphenol		1,100	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
2,4-Dinitrophenol		110	ND(1.9) J [ND(1.9) J]	ND(2.2) J	ND(2.4) J
2,4-Dinitrotoluene		110	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
2,6-Dichlorophenol		160	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
2,6-Dinitrotoluene		55	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
2-Acetylaminofluorene		0.56	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
2-Chloronaphthalene		3,700	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
2-Chlorophenol		59	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
2-Methylnaphthalene		55	ND(0.38) [ND(0.37)]	ND(0.45)	0.13 J
2-Methylphenol		2,700	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
2-Naphthylamine		Not Listed	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
2-Nitroaniline		3.3	ND(1.9) [ND(1.9)]	ND(2.2)	ND(2.4)
2-Nitrophenol		Not Listed	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
2-Picoline		55	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
3&4-Methylphenol		270	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
3,3'-Dichlorobenzidine		0.99	ND(0.75) J [ND(0.75) J]	ND(0.90) J	ND(0.93) J
3,3'-Dimethylbenzidine		0.048	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
3-Methylcholanthrene		0.056	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
3-Nitroaniline		5.5	ND(1.9) [ND(1.9)]	ND(2.2)	ND(2.4)
4,6-Dinitro-2-methylphenol		55	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
4-Aminobiphenyl		1,400	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
4-Bromophenyl-phenylether		160	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
4-Chloro-3-Methylphenol		2,700	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
4-Chloroaniline		220	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
4-Chlorobenzilate		1.6	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
4-Chlorophenyl-phenylether		Not Listed	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
4-Nitroaniline		5.5	ND(1.9) J [ND(1.9) J]	ND(1.8) J	ND(2.4) J
4-Nitrophenol		3,400	ND(1.9) J [ND(1.9) J]	ND(2.2) J	ND(2.4) J
4-Nitroquinoline-1-oxide		110	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
4-Phenylenediamine		10,000	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
5-Nitro-o-toluidine		13	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
a,a'-Dimethylphenethylamine		55	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
Acenaphthene		2,600	ND(0.38) [ND(0.37)]	ND(0.45)	0.62
Acenaphthylene		55	ND(0.38) [ND(0.37)]	ND(0.45)	0.26 J
Acetophenone		0.49	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Aniline		78	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Anthracene		14,000	ND(0.38) [ND(0.37)]	ND(0.45)	0.89
Aramite		18	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
Benzidine		0.0019	ND(0.75) J [ND(0.75) J]	ND(0.90) J	ND(0.93) J
Benzo(a)anthracene		0.56	0.28 J [0.32 J]	0.18 J	2
Benzo(a)pyrene		0.056	0.23 J [0.30 J]	0.15 J	1.8
Benzo(b)fluoranthene		0.56	0.20 J [0.29 J]	ND(0.45)	1.4
Benzo(g,h,i)perylene		55	0.32 J [0.37 J]	ND(0.45)	1.1

**TABLE E-33
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	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
Benzo(k)fluoranthene		5.6	0.14 J [0.25 J]	ND(0.45)	1.5
Benzyl Alcohol		16,000	ND(0.75) [ND(0.75)]	ND(0.90)	ND(0.93)
Semivolatile Organics (continued)					
bis(2-Chloroethoxy)methane		Not Listed	ND(0.38) J [ND(0.37) J]	ND(0.45) J	ND(0.46) J
bis(2-Chloroethyl)ether		0.18	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
bis(2-Chloroisopropyl)ether		2.5	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
bis(2-Ethylhexyl)phthalate		32	ND(0.37) [ND(0.37)]	0.92	ND(0.46)
Butylbenzylphthalate		930	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Chrysene		56	0.30 J [0.34 J]	0.23 J	2.1
Diallate		7.3	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
Dibenzo(a,h)anthracene		0.056	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Dibenzofuran		210	ND(0.38) [ND(0.37)]	ND(0.45)	0.23 J
Diethylphthalate		44,000	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Dimethylphthalate		100,000	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Di-n-Butylphthalate		5,500	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Di-n-Octylphthalate		1,100	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Diphenylamine		1,400	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Ethyl Methanesulfonate		Not Listed	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Fluoranthene		2,000	0.53 [0.54]	0.36 J	4.6
Fluorene		1,800	ND(0.38) [ND(0.37)]	ND(0.45)	0.48
Hexachlorobenzene		0.28	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Hexachlorobutadiene		5.7	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Hexachlorocyclopentadiene		380	ND(0.38) J [ND(0.37) J]	ND(0.45) J	ND(0.46) J
Hexachloroethane		32	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Hexachlorophene		16	ND(0.75) J [ND(0.75) J]	ND(0.90) J	ND(0.93) J
Hexachloropropene		Not Listed	ND(0.38) J [ND(0.37) J]	ND(0.45) J	ND(0.46) J
Indeno(1,2,3-cd)pyrene		0.56	0.15 J [0.22 J]	ND(0.45)	0.9
Isodrin		Not Listed	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Isophorone		470	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Isosafrole		Not Listed	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
Methapyrilene		55	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
Methyl Methanesulfonate		Not Listed	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Naphthalene		55	ND(0.38) [ND(0.37)]	ND(0.45)	0.17 J
Nitrobenzene		16	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
N-Nitrosodiethylamine		0.003	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
N-Nitrosodimethylamine		0.0087	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
N-Nitroso-di-n-butylamine		0.022	ND(0.75) J [ND(0.75) J]	ND(0.73) J	ND(0.93) J
N-Nitroso-di-n-propylamine		0.063	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
N-Nitrosodiphenylamine		91	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
N-Nitrosomethylethylamine		0.02	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
N-Nitrosomorpholine		0.21	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
N-Nitrosopiperidine		0.21	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
N-Nitrosopyrrolidine		0.21	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
o,o,o-Triethylphosphorothioate		11	ND(0.38) J [ND(0.37) J]	ND(0.45) J	ND(0.46) J
o-Toluidine		1.9	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
p-Dimethylaminoazobenzene		0.99	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
Pentachlorobenzene		44	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Pentachloroethane		2.8	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Pentachloronitrobenzene		1.7	ND(0.75) J [ND(0.75) J]	ND(0.73) J	ND(0.93) J
Pentachlorophenol		2.5	ND(1.9) [ND(1.9)]	ND(2.2)	ND(2.4)
Phenacetin		640	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
Phenanthrene		55	0.19 J [0.16 J]	0.24 J	3.3
Phenol		33,000	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Pronamide		4,100	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Pyrene		1,500	0.41 [0.45]	0.32 J	3.8
Pyridine		55	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Safrole		Not Listed	ND(0.38) J [ND(0.37) J]	ND(0.45) J	ND(0.46) J
Thionazin		330	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)

**TABLE E-33
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	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
Furans					
2,3,7,8-TCDF		Not Applicable	ND(0.0000024) [ND(0.0000031)]	ND(0.0000039)	ND(0.0000033)
TCDFs (total)		Not Applicable	0.000023 [0.000022]	ND(0.0000039)	0.000016 J
1,2,3,7,8-PeCDF		Not Applicable	ND(0.0000042) [ND(0.0000052)]	ND(0.0000057)	ND(0.0000054)
2,3,4,7,8-PeCDF		Not Applicable	ND(0.0000044) [ND(0.0000055)]	ND(0.0000060)	ND(0.0000057)
PeCDFs (total)		Not Applicable	ND(0.0000042) [ND(0.0000052)]	ND(0.0000057)	0.000058 J
1,2,3,4,7,8-HxCDF		Not Applicable	ND(0.0000038) [ND(0.0000045)]	ND(0.0000049) J	0.000018 IJ
1,2,3,6,7,8-HxCDF		Not Applicable	0.000070 I [0.000089 I]	0.00013 IJ	0.000018 IJ
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.0000052) [ND(0.0000061)]	ND(0.0000066) J	ND(0.0000063) J
2,3,4,6,7,8-HxCDF		Not Applicable	0.000046 J [0.00015 IJ]	0.00025 IJ	ND(0.0000056) J
HxCDFs (total)		Not Applicable	0.00015 J [0.00039 J]	0.00050 J	0.000060 J
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000021 [0.000032]	0.000021 J	ND(0.000018) X
1,2,3,4,7,8,9-HpCDF		Not Applicable	ND(0.0000052) [0.000012 J]	ND(0.0000049)	ND(0.0000049)
HpCDFs (total)		Not Applicable	0.000078 [0.000078]	0.000021 J	0.000021 J
OCDF		Not Applicable	0.000052 J [0.00025 J]	0.000042 J	0.000086 J
Dioxins					
2,3,7,8-TCDD		Not Applicable	ND(0.0000041) [ND(0.0000054)]	ND(0.0000060)	ND(0.0000038)
TCDDs (total)		Not Applicable	ND(0.0000041) [ND(0.0000054)]	ND(0.0000060)	ND(0.0000038)
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000075) [ND(0.0000079)]	ND(0.0000085)	ND(0.0000068)
PeCDDs (total)		Not Applicable	ND(0.0000075) [ND(0.0000079)]	ND(0.0000085)	ND(0.0000068)
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.0000065) [ND(0.0000080)]	ND(0.0000076)	ND(0.0000068)
1,2,3,6,7,8-HxCDD		Not Applicable	ND(0.0000051) [ND(0.0000063)]	ND(0.0000060) J	ND(0.0000054)
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.0000054) [ND(0.0000066)]	ND(0.0000063)	ND(0.0000056)
HxCDDs (total)		Not Applicable	ND(0.0000051) [ND(0.0000063)]	ND(0.0000060)	ND(0.0000054)
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000027 [0.000022]	ND(0.000011) X	0.000017 J
HpCDDs (total)		Not Applicable	0.000070 [0.000056]	0.000024 J	0.000034 J
OCDD		Not Applicable	0.00017 [0.00013]	0.000086 J	0.00014 J
Total TEQs (WHO TEFs)		Not Applicable	0.000016 [0.000034]	0.000049	0.000012
Inorganics					
Antimony		30	1.00 B [0.950 B]	0.780 B	ND(6.00)
Arsenic		0.38	3.60 [4.60]	6.6	8
Barium		5,200	74.0 [68.0]	67	100
Beryllium		150	ND(0.500) [ND(0.500)]	ND(0.500)	0.51
Cadmium		37	1.40 [1.70]	1	0.8
Chromium		210	6.30 J [12.0 J]	5.9	7.2
Cobalt		3,300	ND(5.00) [ND(5.00)]	8.4	5.9
Copper		2,800	19.0 J [32.0 J]	50	31
Cyanide		11	0.160 [0.130 B]	0.0850 B	0.120 B
Lead		400	160 J [1600 J]	87	320
Mercury		22	0.160 [0.140]	0.11	0.22
Nickel		1,500	9.90 J [24.0 J]	14	11
Selenium		370	ND(1.00) J [ND(1.00) J]	ND(1.00) J	ND(1.00) J
Silver		370	ND(1.00) [ND(1.00)]	ND(1.00)	0.300 B
Sulfide		350	16.0 [18.0]	16	16
Thallium		6	ND(1.10) [ND(1.10)]	1.40 J	ND(1.40) J
Tin		45,000	ND(10.0) [ND(10.0)]	ND(10.0)	ND(10.0)
Vanadium		520	6.80 [7.60]	5.8	13
Zinc		22,000	290 J [960 J]	74	180

**TABLE E-33
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-22-SB-6 0-1 03/10/05	I9-9-22-SB-6 1-3 03/10/05
Volatile Organics				
1,1,1,2-Tetrachloroethane		2.8	ND(0.0067)	ND(0.0059)
1,1,1-Trichloroethane		680	ND(0.0067)	ND(0.0059)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0067)	ND(0.0059)
1,1,2-Trichloroethane		0.82	ND(0.0067)	ND(0.0059)
1,1-Dichloroethane		570	ND(0.0067)	ND(0.0059)
1,1-Dichloroethene		0.052	ND(0.0067)	ND(0.0059)
1,2,3-Trichloropropane		0.0014	ND(0.0067)	ND(0.0059)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0067)	ND(0.0059)
1,2-Dibromoethane		0.0049	ND(0.0067)	ND(0.0059)
1,2-Dichloroethane		0.34	ND(0.0067)	ND(0.0059)
1,2-Dichloropropane		0.34	ND(0.0067)	ND(0.0059)
1,4-Dioxane		40	ND(0.13)	ND(0.12)
2-Butanone		6,900	ND(0.013)	ND(0.012)
2-Chloro-1,3-butadiene		3.6	ND(0.0067)	ND(0.0059)
2-Chloroethylvinylether		0.18	ND(0.0067)	ND(0.0059)
2-Hexanone		750	ND(0.013)	ND(0.012)
3-Chloropropene		2,700	ND(0.0067)	ND(0.0059)
4-Methyl-2-pentanone		750	ND(0.013)	ND(0.012)
Acetone		1,400	ND(0.027)	ND(0.024)
Acetonitrile		200	ND(0.13)	ND(0.12)
Acrolein		0.1	ND(0.13)	ND(0.12)
Acrylonitrile		0.19	ND(0.0067)	ND(0.0059)
Benzene		0.62	ND(0.0067)	ND(0.0059)
Bromodichloromethane		0.98	ND(0.0067)	ND(0.0059)
Bromoform		56	ND(0.0067)	ND(0.0059)
Bromomethane		3.8	ND(0.0067)	ND(0.0059)
Carbon Disulfide		350	ND(0.0067)	ND(0.0059)
Carbon Tetrachloride		0.23	ND(0.0067)	ND(0.0059)
Chlorobenzene		54	ND(0.0067)	ND(0.0059)
Chloroethane		1,600	ND(0.0067)	ND(0.0059)
Chloroform		0.24	ND(0.0067)	ND(0.0059)
Chloromethane		1.2	ND(0.0067)	ND(0.0059)
cis-1,3-Dichloropropene		Not Listed	ND(0.0067)	ND(0.0059)
Dibromochloromethane		5.3	ND(0.0067)	ND(0.0059)
Dibromomethane		550	ND(0.0067)	ND(0.0059)
Dichlorodifluoromethane		94	ND(0.0067)	ND(0.0059)
Ethyl Methacrylate		140	ND(0.0067)	ND(0.0059)
Ethylbenzene		230	ND(0.0067)	ND(0.0059)
Iodomethane		1.2	ND(0.0067)	ND(0.0059)
Isobutanol		10,000	0.83	0.96
Methacrylonitrile		1.8	ND(0.0067)	ND(0.0059)
Methyl Methacrylate		2,200	ND(0.0067)	ND(0.0059)
Methylene Chloride		8.5	ND(0.0067)	ND(0.0059)
Propionitrile		200	ND(0.013)	ND(0.012)
Styrene		1,700	ND(0.0067)	ND(0.0059)
Tetrachloroethene		4.7	ND(0.0067)	ND(0.0059)
Toluene		520	ND(0.0067)	ND(0.0059)
trans-1,2-Dichloroethene		62	ND(0.0067)	ND(0.0059)
trans-1,3-Dichloropropene		Not Listed	ND(0.0067)	ND(0.0059)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0067)	ND(0.0059)
Trichloroethene		2.7	ND(0.0067)	ND(0.0059)
Trichlorofluoromethane		380	ND(0.0067)	ND(0.0059)
Vinyl Acetate		420	ND(0.0067)	ND(0.0059)
Vinyl Chloride		0.021	ND(0.0067)	ND(0.0059)
Xylenes (total)		210	ND(0.0067)	ND(0.0059)

**TABLE E-33
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-22-SB-6 0-1 03/10/05	I9-9-22-SB-6 1-3 03/10/05
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene		16	ND(0.45)	ND(0.40)
1,2,4-Trichlorobenzene		480	ND(0.45)	ND(0.40)
1,2-Dichlorobenzene		370	ND(0.45)	ND(0.40)
1,2-Diphenylhydrazine		0.56	ND(0.45)	ND(0.40)
1,3,5-Trinitrobenzene		1,600	ND(0.45)	ND(0.40)
1,3-Dichlorobenzene		41	ND(0.45)	ND(0.40)
1,3-Dinitrobenzene		5.5	ND(0.90)	ND(0.80)
1,4-Dichlorobenzene		3	ND(0.45)	ND(0.40)
1,4-Naphthoquinone		55	ND(0.90)	ND(0.80)
1-Naphthylamine		Not Listed	ND(0.90)	ND(0.80)
2,3,4,6-Tetrachlorophenol		1,600	ND(0.45)	ND(0.40)
2,4,5-Trichlorophenol		5,500	ND(0.45)	ND(0.40)
2,4,6-Trichlorophenol		40	ND(0.45)	ND(0.40)
2,4-Dichlorophenol		160	ND(0.45)	ND(0.40)
2,4-Dimethylphenol		1,100	ND(0.45)	ND(0.40)
2,4-Dinitrophenol		110	ND(2.3)	ND(2.0)
2,4-Dinitrotoluene		110	ND(0.45)	ND(0.40)
2,6-Dichlorophenol		160	ND(0.45)	ND(0.40)
2,6-Dinitrotoluene		55	ND(0.45)	ND(0.40)
2-Acetylaminofluorene		0.56	ND(0.90)	ND(0.80)
2-Chloronaphthalene		3,700	ND(0.45)	ND(0.40)
2-Chlorophenol		59	ND(0.45)	ND(0.40)
2-Methylnaphthalene		55	ND(0.45)	ND(0.40)
2-Methylphenol		2,700	ND(0.45)	ND(0.40)
2-Naphthylamine		Not Listed	ND(0.90)	ND(0.80)
2-Nitroaniline		3.3	ND(2.3)	ND(2.0)
2-Nitrophenol		Not Listed	ND(0.90)	ND(0.80)
2-Picoline		55	ND(0.45)	ND(0.40)
3&4-Methylphenol		270	ND(0.90)	ND(0.80)
3,3'-Dichlorobenzidine		0.99	ND(0.90)	ND(0.80)
3,3'-Dimethylbenzidine		0.048	ND(0.45)	ND(0.40)
3-Methylcholanthrene		0.056	ND(0.90)	ND(0.80)
3-Nitroaniline		5.5	ND(2.3)	ND(2.0)
4,6-Dinitro-2-methylphenol		55	ND(0.45)	ND(0.40)
4-Aminobiphenyl		1,400	ND(0.90)	ND(0.80)
4-Bromophenyl-phenylether		160	ND(0.45)	ND(0.40)
4-Chloro-3-Methylphenol		2,700	ND(0.45)	ND(0.40)
4-Chloroaniline		220	ND(0.45)	ND(0.40)
4-Chlorobenzilate		1.6	ND(0.90)	ND(0.80)
4-Chlorophenyl-phenylether		Not Listed	ND(0.45)	ND(0.40)
4-Nitroaniline		5.5	ND(2.3)	ND(2.0)
4-Nitrophenol		3,400	ND(2.3)	ND(2.0)
4-Nitroquinoline-1-oxide		110	ND(0.90)	ND(0.80)
4-Phenylenediamine		10,000	ND(0.90)	ND(0.80)
5-Nitro-o-toluidine		13	ND(0.90)	ND(0.80)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.90)	ND(0.80)
a,a'-Dimethylphenethylamine		55	ND(0.90)	ND(0.80)
Acenaphthene		2,600	ND(0.45)	ND(0.40)
Acenaphthylene		55	ND(0.45)	0.050 J
Acetophenone		0.49	ND(0.45)	ND(0.40)
Aniline		78	ND(0.45)	ND(0.40)
Anthracene		14,000	ND(0.45)	0.077 J
Aramite		18	ND(0.90)	ND(0.80)
Benzidine		0.0019	ND(0.90)	ND(0.80)
Benzo(a)anthracene		0.56	0.086 J	0.29 J
Benzo(a)pyrene		0.056	0.11 J	0.28 J
Benzo(b)fluoranthene		0.56	0.19 J	0.24 J
Benzo(g,h,i)perylene		55	0.12 J	0.18 J

**TABLE E-33
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-22-SB-6 0-1 03/10/05	I9-9-22-SB-6 1-3 03/10/05
Benzo(k)fluoranthene		5.6	0.17 J	0.26 J
Benzyl Alcohol		16,000	ND(0.90)	ND(0.80)
Semivolatile Organics (continued)				
bis(2-Chloroethoxy)methane		Not Listed	ND(0.45)	ND(0.40)
bis(2-Chloroethyl)ether		0.18	ND(0.45)	ND(0.40)
bis(2-Chloroisopropyl)ether		2.5	ND(0.45)	ND(0.40)
bis(2-Ethylhexyl)phthalate		32	0.93	ND(0.39)
Butylbenzylphthalate		930	0.65	0.82
Chrysene		56	0.15 J	0.30 J
Diallate		7.3	ND(0.90)	ND(0.80)
Dibenzo(a,h)anthracene		0.056	ND(0.45)	0.047 J
Dibenzofuran		210	ND(0.45)	ND(0.40)
Diethylphthalate		44,000	ND(0.45)	ND(0.40)
Dimethylphthalate		100,000	ND(0.45)	ND(0.40)
Di-n-Butylphthalate		5,500	ND(0.45)	ND(0.40)
Di-n-Octylphthalate		1,100	ND(0.45)	ND(0.40)
Diphenylamine		1,400	ND(0.45)	ND(0.40)
Ethyl Methanesulfonate		Not Listed	ND(0.45)	ND(0.40)
Fluoranthene		2,000	0.17 J	0.59
Fluorene		1,800	ND(0.45)	ND(0.40)
Hexachlorobenzene		0.28	ND(0.45)	ND(0.40)
Hexachlorobutadiene		5.7	ND(0.45)	ND(0.40)
Hexachlorocyclopentadiene		380	ND(0.45)	ND(0.40)
Hexachloroethane		32	ND(0.45)	ND(0.40)
Hexachlorophene		16	ND(0.90)	ND(0.80)
Hexachloropropene		Not Listed	ND(0.45)	ND(0.40)
Indeno(1,2,3-cd)pyrene		0.56	0.091 J	0.14 J
Isodrin		Not Listed	ND(0.45)	ND(0.40)
Isophorone		470	ND(0.45)	ND(0.40)
Isosafrole		Not Listed	ND(0.90)	ND(0.80)
Methapyrilene		55	ND(0.90)	ND(0.80)
Methyl Methanesulfonate		Not Listed	ND(0.45)	ND(0.40)
Naphthalene		55	ND(0.45)	ND(0.40)
Nitrobenzene		16	ND(0.45)	ND(0.40)
N-Nitrosodiethylamine		0.003	ND(0.45)	ND(0.40)
N-Nitrosodimethylamine		0.0087	ND(0.45)	ND(0.40)
N-Nitroso-di-n-butylamine		0.022	ND(0.90)	ND(0.80)
N-Nitroso-di-n-propylamine		0.063	ND(0.45)	ND(0.40)
N-Nitrosodiphenylamine		91	0.97	ND(0.40)
N-Nitrosomethylethylamine		0.02	ND(0.90)	ND(0.80)
N-Nitrosomorpholine		0.21	ND(0.45)	ND(0.40)
N-Nitrosopiperidine		0.21	ND(0.45)	ND(0.40)
N-Nitrosopyrrolidine		0.21	ND(0.90)	ND(0.80)
o,o,o-Triethylphosphorothioate		11	ND(0.45)	ND(0.40)
o-Toluidine		1.9	ND(0.45)	ND(0.40)
p-Dimethylaminoazobenzene		0.99	ND(0.90)	ND(0.80)
Pentachlorobenzene		44	ND(0.45)	ND(0.40)
Pentachloroethane		2.8	ND(0.45)	ND(0.40)
Pentachloronitrobenzene		1.7	ND(0.90)	ND(0.80)
Pentachlorophenol		2.5	ND(2.3)	ND(2.0)
Phenacetin		640	ND(0.90)	ND(0.80)
Phenanthrene		55	0.068 J	0.29 J
Phenol		33,000	ND(0.45)	ND(0.40)
Pronamide		4,100	ND(0.45)	ND(0.40)
Pyrene		1,500	0.21 J	0.58
Pyridine		55	ND(0.45)	ND(0.40)
Safrole		Not Listed	ND(0.45)	ND(0.40)
Thionazin		330	ND(0.45)	ND(0.40)

**TABLE E-33
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-22-SB-6 0-1 03/10/05	I9-9-22-SB-6 1-3 03/10/05
Furans				
2,3,7,8-TCDF		Not Applicable	0.0000023 Y	0.000020 Y
TCDFs (total)		Not Applicable	0.000043	0.00013
1,2,3,7,8-PeCDF		Not Applicable	ND(0.0000014)	0.0000059 J
2,3,4,7,8-PeCDF		Not Applicable	0.0000037 J	0.0000062 J
PeCDFs (total)		Not Applicable	0.00015	0.000083
1,2,3,4,7,8-HxCDF		Not Applicable	ND(0.0000027)	0.0000061 J
1,2,3,6,7,8-HxCDF		Not Applicable	0.0000052 J	0.0000041 J
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.00000097)	ND(0.00000087)
2,3,4,6,7,8-HxCDF		Not Applicable	0.0000065	0.0000048 J
HxCDFs (total)		Not Applicable	0.00014	0.00007
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000017	0.000017
1,2,3,4,7,8,9-HpCDF		Not Applicable	ND(0.0000013)	ND(0.0000015)
HpCDFs (total)		Not Applicable	0.000038	0.000034
OCDF		Not Applicable	0.000018	0.000025
Dioxins				
2,3,7,8-TCDD		Not Applicable	ND(0.00000041)	ND(0.00000051)
TCDDs (total)		Not Applicable	ND(0.00000052)	0.000005
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000011)	ND(0.00000092)
PeCDDs (total)		Not Applicable	ND(0.0000030)	ND(0.0000036)
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.00000098)	ND(0.00000091)
1,2,3,6,7,8-HxCDD		Not Applicable	0.0000032 J	ND(0.0000026)
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.0000028)	ND(0.0000022)
HxCDDs (total)		Not Applicable	0.000023	0.000013
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000035	0.000028
HpCDDs (total)		Not Applicable	0.000064	0.00005
OCDD		Not Applicable	0.0002	0.00016
Total TEQs (WHO TEFs)		Not Applicable	0.0000053	0.0000084
Inorganics				
Antimony		30	4.60 B	ND(6.00)
Arsenic		0.38	5.5	4.5
Barium		5,200	120	43
Beryllium		150	0.450 B	0.420 B
Cadmium		37	6	0.62
Chromium		210	65	11
Cobalt		3,300	10	5.7
Copper		2,800	240	24
Cyanide		11	0.16	0.24
Lead		400	160	81
Mercury		22	0.0250 B	0.27
Nickel		1,500	34	12
Selenium		370	1.9	0.980 B
Silver		370	ND(1.00)	ND(1.00)
Sulfide		350	19	15
Thallium		6	ND(1.30)	ND(1.20)
Tin		45,000	16	6.30 B
Vanadium		520	20	14
Zinc		22,000	370	110

**TABLE E-33
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
6. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

J - Estimated Value.

I - Polychlorinated Diphenyl Ether (PCDPE) Interference.

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 - Estimated Value.

**TABLE E-34
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
PARCEL I9-9-21 AND I9-9-22 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS**

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
Acetone	0.015	1,400	No
Isobutanol	0.96	10,000	No
Toluene	0.003	520	No
Semivolatile Organics			
1,2,4-Trichlorobenzene	0.13	480	No
2-Methylnaphthalene	0.13	55*	No
Acenaphthene	0.62	2,600	No
Acenaphthylene	0.26	55*	No
Aniline	0.13	78	No
Anthracene	0.89	14,000	No
Benzo(a)anthracene	2	0.56	Yes
Benzo(a)pyrene	1.8	0.056	Yes
Benzo(b)fluoranthene	1.4	0.56	Yes
Benzo(g,h,i)perylene	1.1	55*	No
Benzo(k)fluoranthene	1.5	5.6	No
bis(2-Ethylhexyl)phthalate	0.93	32	No
Butylbenzylphthalate	0.82	930	No
Chrysene	2.1	56	No
Dibenzo(a,h)anthracene	0.047	0.056	No
Dibenzofuran	0.23	210	No
Fluoranthene	4.6	2,000	No
Fluorene	0.48	1,800	No
Indeno(1,2,3-cd)pyrene	0.9	0.56	Yes
Naphthalene	0.17	55	No
N-Nitrosodiphenylamine	0.97	91	No
Phenanthrene	3.3	55*	No
Pyrene	3.8	1,500	No
Inorganics			
Antimony	4.6	30	No
Arsenic	8	0.38	Yes
Barium	150	5,200	No
Beryllium	0.51	150	No
Cadmium	6	37	No
Chromium	65	210	No
Cobalt	10	3,300	No
Copper	240	2,800	No
Cyanide	0.24	11*	No
Lead	1,600	400	Yes
Mercury	0.37	22	No
Nickel	34	1,500	No
Selenium	1.9	370	No
Silver	0.49	370	No
Sulfide	19	350*	No
Thallium	1.4	6	No
Tin	16	45,000	No
Vanadium	20	520	No
Zinc	960	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

**TABLE E-35
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCELS I9-9-21 & I9-9-22: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-21-SB-3 0-1 06/26/03	I9-9-21-SB-5 0-1 06/26/03	I9-9-22-SB-3 0-1 06/27/03	I9-9-22-SB-6 0-1 03/10/05
Semivolatile Organics				
Benzo(a)anthracene	0.95	0.18	0.18	0.086
Benzo(a)pyrene	0.92	0.18	0.15	0.11
Benzo(b)fluoranthene	0.69	0.18	0.23	0.19
Indeno(1,2,3-cd)pyrene	0.47	0.18	0.23	0.091
Dioxins/Furans				
Total TEQs (WHO TEFs)	5.30E-05	2.10E-05	4.90E-05	5.30E-06
Inorganics				
Arsenic	7.40	5.10	6.60	5.50
Lead	220	120	87.0	160

	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 5)	0.35	7	No
Benzo(a)pyrene	N/A (See Note 5)	0.34	2	No
Benzo(b)fluoranthene	N/A (See Note 5)	0.32	7	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 5)	0.24	7	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	5.30E-05	N/A (See Note 5)	1.00E-03	No
Inorganics				
Arsenic	N/A (See Note 5)	6.15	20	No
Lead	N/A (See Note 5)	147	300	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

**TABLE E-36
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCELS I9-9-21 & I9-9-22: 0- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-21-SB-3 0-1 06/26/03	I9-9-21-SB-5 0-1 06/26/03	I9-9-22-SB-3 0-1 06/27/03	I9-9-22-SB-6 0-1 03/10/05	I9-9-21-SB-3 1-3 06/26/03	I9-9-21-SB-5 1-3 06/26/03
Semivolatile Organics						
Benzo(a)anthracene	0.95	0.18	0.18	0.086	0.11	0.30
Benzo(a)pyrene	0.92	0.18	0.15	0.11	0.094	0.27
Benzo(b)fluoranthene	0.69	0.18	0.23	0.19	0.20	0.25
Indeno(1,2,3-cd)pyrene	0.47	0.18	0.23	0.091	0.12	0.19
Dioxins/Furans						
Total TEQs (WHO TEFs)	5.30E-05	2.10E-05	4.90E-05	5.30E-06	3.00E-04	<i>3.40E-05</i>
Inorganics						
Arsenic	7.40	5.10	6.60	5.50	7.00	4.10
Lead	220	120	87.0	160	220	880

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-22-SB-3 1-3 06/27/03	I9-9-22-SB-6 1-3 03/10/05	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	2.0	0.29	N/A (See Note 5)	0.51	7	No
Benzo(a)pyrene	1.8	0.28	N/A (See Note 5)	0.48	2	No
Benzo(b)fluoranthene	1.4	0.24	N/A (See Note 5)	0.42	7	No
Indeno(1,2,3-cd)pyrene	0.90	0.14	N/A (See Note 5)	0.29	7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.20E-05	8.40E-06	3.00E-04	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	8.00	4.50	N/A (See Note 5)	6.03	20	No
Lead	320	81.0	N/A (See Note 5)	261	300	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.

ARCADIS

Parcel I9-9-21 and
I9-9-22 (non-bank)

**TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-19-SB-1 3-5 02/17/04	I9-9-21-SB-6 0-1 03/10/05	I9-9-21-SB-6 3-6 03/10/05	I9-9-21-SB-6 4-6 03/10/05
Volatile Organics					
1,1,1,2-Tetrachloroethane	6.8	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
1,1,1-Trichloroethane	1,400	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
1,1,2,2-Tetrachloroethane	0.87	ND(0.0064)	ND(0.0056) J	NA	ND(0.0056) [ND(0.0058)]
1,1,2-Trichloroethane	1.9	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
1,1-Dichloroethane	2,000	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
1,1-Dichloroethene	0.12	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
1,2,3-Trichloropropane	0.0031	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
1,2-Dibromo-3-chloropropane	2.1	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
1,2-Dibromoethane	0.029	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
1,2-Dichloroethane	0.76	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
1,2-Dichloropropane	0.76	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
1,4-Dioxane	270	ND(0.13) J	ND(0.11) J	NA	ND(0.11) J [ND(0.12) J]
2-Butanone	27,000	ND(0.013)	ND(0.011)	NA	ND(0.011) [ND(0.012)]
2-Chloro-1,3-butadiene	12	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
2-Chloroethylvinylether	0.56	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
2-Hexanone	2,800	ND(0.013)	ND(0.011)	NA	ND(0.011) [ND(0.012)]
3-Chloropropene	52,000	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
4-Methyl-2-pentanone	2,800	ND(0.013)	ND(0.011) J	NA	ND(0.011) J [ND(0.012) J]
Acetone	6,100	0.011 J	ND(0.022)	NA	ND(0.022) [ND(0.023)]
Acetonitrile	1,300	ND(0.13) J	ND(0.11) J	NA	ND(0.11) [ND(0.12)]
Acrolein	0.34	ND(0.13) J	ND(0.11) J	NA	ND(0.11) J [ND(0.12) J]
Acrylonitrile	0.49	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) J [ND(0.0058) J]
Benzene	1.4	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
Bromodichloromethane	2.3	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
Bromoform	380	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
Bromomethane	13	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
Carbon Disulfide	1,200	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
Carbon Tetrachloride	0.52	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
Chlorobenzene	180	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
Chloroethane	1,600	ND(0.0064)	ND(0.0056) J	NA	ND(0.0056) [ND(0.0058)]
Chloroform	0.52	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
Chloromethane	2.6	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
cis-1,3-Dichloropropene	Not Listed	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
Dibromochloromethane	36	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
Dibromomethane	11,000	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
Dichlorodifluoromethane	310	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) J [ND(0.0058) J]
Ethyl Methacrylate	140	ND(0.0064)	ND(0.0056) J	NA	ND(0.0056) [ND(0.0058)]
Ethylbenzene	230	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
Iodomethane	2.6	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
Isobutanol	40,000	ND(0.13) J	ND(0.11) J	NA	0.63 J [ND(0.12) J]
Methacrylonitrile	8.4	ND(0.0064)	ND(0.0056) J	NA	ND(0.0056) [ND(0.0058)]
Methyl Methacrylate	7,300	ND(0.0064)	ND(0.0056) J	NA	ND(0.0056) J [ND(0.0058) J]
Methylene Chloride	20	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
Propionitrile	1,300	ND(0.013) J	ND(0.011) J	NA	ND(0.011) J [ND(0.012) J]
Styrene	1,700	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
Tetrachloroethene	16	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
Toluene	520	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
trans-1,2-Dichloroethene	210	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
trans-1,3-Dichloropropene	Not Listed	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
trans-1,4-Dichloro-2-butene	Not Listed	ND(0.0064)	ND(0.0056) J	NA	ND(0.0056) [ND(0.0058)]
Trichloroethene	6.1	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
Trichlorofluoromethane	1,300	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
Vinyl Acetate	1,400	ND(0.0064)	ND(0.0056) J	NA	ND(0.0056) J [ND(0.0058) J]
Vinyl Chloride	0.048	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]
Xylenes (total)	210	ND(0.0064)	ND(0.0056)	NA	ND(0.0056) [ND(0.0058)]

**TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-19-SB-1 3-5 02/17/04	I9-9-21-SB-6 0-1 03/10/05	I9-9-21-SB-6 3-6 03/10/05	I9-9-21-SB-6 4-6 03/10/05
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		320	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
1,2,4-Trichlorobenzene		1,700	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
1,2-Dichlorobenzene		370	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
1,2-Diphenylhydrazine		3.7	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
1,3,5-Trinitrobenzene		32,000	ND(0.43) J	ND(3.7)	ND(3.8) [ND(0.38)]	NA
1,3-Dichlorobenzene		140	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
1,3-Dinitrobenzene		110	ND(0.86)	ND(3.7)	ND(3.8) [ND(0.76)]	NA
1,4-Dichlorobenzene		7.3	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
1,4-Naphthoquinone		190	ND(0.86) J	ND(3.7)	ND(3.8) J [ND(0.76) J]	NA
1-Naphthylamine		Not Listed	ND(0.86)	ND(3.7)	ND(3.8) [ND(0.76)]	NA
2,3,4,6-Tetrachlorophenol		32,000	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
2,4,5-Trichlorophenol		110,000	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
2,4,6-Trichlorophenol		270	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
2,4-Dichlorophenol		3,200	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
2,4-Dimethylphenol		21,000	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
2,4-Dinitrophenol		2,100	ND(2.2)	ND(19)	ND(19) J [ND(1.9) J]	NA
2,4-Dinitrotoluene		2,100	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
2,6-Dichlorophenol		3,200	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
2,6-Dinitrotoluene		1,100	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
2-Acetylaminofluorene		3.6	ND(0.86)	ND(3.7)	ND(3.8) [ND(0.76)]	NA
2-Chloronaphthalene		24,000	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
2-Chlorophenol		240	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
2-Methylnaphthalene		190	ND(0.43)	ND(3.7)	ND(3.8) [0.24 J]	NA
2-Methylphenol		53,000	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
2-Naphthylamine		Not Listed	ND(0.86)	ND(3.7)	ND(3.8) [ND(0.76)]	NA
2-Nitroaniline		64	ND(2.2) J	ND(19)	ND(19) [ND(1.9)]	NA
2-Nitrophenol		Not Listed	ND(0.86)	ND(3.7)	ND(3.8) [ND(0.76)]	NA
2-Picoline		1,100	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
3&4-Methylphenol		5,300	ND(0.86)	ND(3.7)	ND(3.8) [ND(0.76)]	NA
3,3'-Dichlorobenzidine		6.7	ND(0.86)	ND(7.5)	ND(7.6) [ND(0.76) J]	NA
3,3'-Dimethylbenzidine		0.33	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
3-Methylcholanthrene		0.36	ND(0.86)	ND(3.7)	ND(3.8) [ND(0.76)]	NA
3-Nitroaniline		110	ND(2.2) J	ND(19)	ND(19) [ND(1.9)]	NA
4,6-Dinitro-2-methylphenol		1,100	ND(0.43)	ND(3.7)	ND(3.8) J [ND(0.38) J]	NA
4-Aminobiphenyl		27,000	ND(0.86)	ND(3.7)	ND(3.8) [ND(0.76)]	NA
4-Bromophenyl-phenylether		3,200	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
4-Chloro-3-Methylphenol		53,000	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
4-Chloroaniline		4,300	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
4-Chlorobenzilate		11	ND(0.86)	ND(3.7)	ND(3.8) [ND(0.76)]	NA
4-Chlorophenyl-phenylether		Not Listed	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
4-Nitroaniline		110	ND(2.2)	ND(3.7)	ND(3.8) [ND(1.9)]	NA
4-Nitrophenol		66,000	ND(2.2) J	ND(19)	ND(19) [ND(1.9)]	NA
4-Nitroquinoline-1-oxide		2,100	ND(0.86) J	ND(3.7)	ND(3.8) J [ND(0.76) J]	NA
4-Phenylenediamine		100,000	ND(0.86)	ND(3.7)	ND(3.8) [ND(0.76)]	NA
5-Nitro-o-toluidine		91	ND(0.86)	ND(3.7)	ND(3.8) [ND(0.76)]	NA
7,12-Dimethylbenz(a)anthracene		0.36	ND(0.86)	ND(3.7)	ND(3.8) [ND(0.76)]	NA
a,a'-Dimethylphenethylamine		1,100	ND(0.86)	ND(3.7) J	ND(3.8) J [ND(0.76) J]	NA
Acenaphthene		28,000	0.21 J	ND(3.7)	ND(3.8) [1.1]	NA
Acenaphthylene		190	0.69	ND(3.7)	ND(3.8) [0.039 J]	NA
Acetophenone		1.6	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
Aniline		530	ND(0.43)	ND(3.7) J	ND(3.8) J [ND(0.38) J]	NA
Anthracene		220,000	1	ND(3.7)	ND(3.8) [1.6]	NA
Aramite		120	ND(0.86)	ND(3.7)	ND(3.8) [ND(0.76)]	NA
Benzidine		0.013	ND(0.86) J	ND(7.5) J	ND(7.6) J [ND(0.76) J]	NA
Benzo(a)anthracene		3.6	1.7	ND(3.7)	0.41 J [2.9]	NA
Benzo(a)pyrene		0.36	1.4	ND(3.7)	0.45 J [2.4]	NA
Benzo(b)fluoranthene		3.6	0.84	ND(3.7)	0.36 J [1.9]	NA
Benzo(g,h,i)perylene		190	0.69	ND(3.7)	ND(3.8) [1.3]	NA
Benzo(k)fluoranthene		36	1.2	ND(3.7)	0.43 J [2.2]	NA

**TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-19-SB-1 3-5 02/17/04	I9-9-21-SB-6 0-1 03/10/05	I9-9-21-SB-6 3-6 03/10/05	I9-9-21-SB-6 4-6 03/10/05
Semivolatile Organics (continued)						
Benzyl Alcohol		100,000	ND(0.86)	ND(7.5)	ND(7.6) [ND(0.76)]	NA
bis(2-Chloroethoxy)methane		Not Listed	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
bis(2-Chloroethyl)ether		0.56	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
bis(2-Chloroisopropyl)ether		7.4	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
bis(2-Ethylhexyl)phthalate		210	ND(0.42)	ND(1.9)	ND(1.9) [ND(0.38)]	NA
Butylbenzylphthalate		930	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
Chrysene		360	1.6	ND(3.7)	0.48 J [2.7]	NA
Diallate		49	ND(0.86)	ND(3.7)	ND(3.8) [ND(0.76)]	NA
Dibenzo(a,h)anthracene		0.36	0.24 J	ND(3.7)	ND(3.8) [0.32 J]	NA
Dibenzofuran		3,200	0.32 J	ND(3.7)	ND(3.8) [0.50]	NA
Diethylphthalate		100,000	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
Dimethylphthalate		100,000	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
Di-n-Butylphthalate		110,000	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
Di-n-Octylphthalate		10,000	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
Diphenylamine		27,000	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
Ethyl Methanesulfonate		Not Listed	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
Fluoranthene		37,000	4.5	0.43 J	0.74 J [5.9]	NA
Fluorene		22,000	0.52	ND(3.7)	ND(3.8) [0.83]	NA
Hexachlorobenzene		1.9	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
Hexachlorobutadiene		38	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
Hexachlorocyclopentadiene		7,100	ND(0.43)	ND(3.7)	ND(3.8) J [ND(0.38) J]	NA
Hexachloroethane		210	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
Hexachlorophene		320	ND(0.86)	ND(7.5) J	ND(7.6) J [ND(0.76) J]	NA
Hexachloropropene		Not Listed	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
Indeno(1,2,3-cd)pyrene		3.6	0.68	ND(3.7)	ND(3.8) [1.2]	NA
Isodrin		Not Listed	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
Isophorone		3,200	ND(0.43)	ND(3.7)	ND(3.8) J [ND(0.38) J]	NA
Isosafrole		Not Listed	ND(0.86)	ND(3.7)	ND(3.8) J [ND(0.76) J]	NA
Methapyrilene		190	ND(0.86)	ND(3.7) J	ND(3.8) J [ND(0.76) J]	NA
Methyl Methanesulfonate		Not Listed	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
Naphthalene		190	0.21 J	ND(3.7)	ND(3.8) [0.54]	NA
Nitrobenzene		100	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
N-Nitrosodiethylamine		0.02	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
N-Nitrosodimethylamine		0.059	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
N-Nitroso-di-n-butylamine		0.058	ND(0.86)	ND(3.7)	ND(3.8) [ND(0.76)]	NA
N-Nitroso-di-n-propylamine		0.43	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
N-Nitrosodiphenylamine		610	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
N-Nitrosomethylethylamine		0.14	ND(0.86)	ND(3.7)	ND(3.8) [ND(0.76)]	NA
N-Nitrosomorpholine		1.4	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
N-Nitrosopiperidine		1.4	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
N-Nitrosopyrrolidine		1.4	ND(0.86)	ND(3.7)	ND(3.8) [ND(0.76)]	NA
o,o,o-Triethylphosphorothioate		210	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
o-Toluidine		12	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
p-Dimethylaminoazobenzene		6.7	ND(0.86) J	ND(3.7)	ND(3.8) [ND(0.76)]	NA
Pentachlorobenzene		860	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
Pentachloroethane		6.8	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
Pentachloronitrobenzene		12	ND(0.86)	ND(3.7)	ND(3.8) [ND(0.76)]	NA
Pentachlorophenol		15	ND(2.2)	ND(19)	ND(19) [ND(1.9)]	NA
Phenacetin		14,000	ND(0.86)	ND(3.7)	ND(3.8) [ND(0.76)]	NA
Phenanthrene		190	3.7	ND(3.7)	0.51 J [5.8]	NA
Phenol		100,000	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
Pronamide		80,000	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
Pyrene		26,000	3.1	0.51 J	0.69 J [5.7]	NA
Pyridine		1,100	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA
Safrole		Not Listed	ND(0.43)	ND(3.7) J	ND(3.8) J [ND(0.38) J]	NA
Thionazin		6,400	ND(0.43)	ND(3.7)	ND(3.8) [ND(0.38)]	NA

**TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-19-SB-1 3-5 02/17/04	I9-9-21-SB-6 0-1 03/10/05	I9-9-21-SB-6 3-6 03/10/05	I9-9-21-SB-6 4-6 03/10/05
Furans					
2,3,7,8-TCDF	Not Applicable	ND(0.0000054)	0.000017 Y	0.000051 Y [0.000040 Y]	NA
TCDFs (total)	Not Applicable	0.000024 I	0.00010	0.00035 [0.00024]	NA
1,2,3,7,8-PeCDF	Not Applicable	ND(0.0000057)	0.0000042 J	0.000014 [0.000013]	NA
2,3,4,7,8-PeCDF	Not Applicable	ND(0.0000058)	0.0000086	0.000026 [0.000021]	NA
PeCDFs (total)	Not Applicable	0.000020 I	0.00020	0.00034 [0.00036]	NA
1,2,3,4,7,8-HxCDF	Not Applicable	ND(0.0000034)	0.000016	0.000037 [0.000036]	NA
1,2,3,6,7,8-HxCDF	Not Applicable	ND(0.0000033)	0.000011	0.000025 [0.000028]	NA
1,2,3,7,8,9-HxCDF	Not Applicable	ND(0.0000018)	ND(0.0000015)	ND(0.0000038) [ND(0.0000048)]	NA
2,3,4,6,7,8-HxCDF	Not Applicable	ND(0.0000031)	0.000010	0.000022 [0.000029]	NA
HxCDFs (total)	Not Applicable	0.0000059 I	0.00031	0.00095 [0.00092]	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.0000021	0.000048 J	0.000079 [0.000085]	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	ND(0.0000026)	0.000051 J	0.000012 [0.000013]	NA
HpCDFs (total)	Not Applicable	0.0000024	0.00012	0.00023 [0.00023]	NA
OCDF	Not Applicable	ND(0.0000061)	0.000030	0.000041 [0.000035]	NA
Dioxins					
2,3,7,8-TCDD	Not Applicable	ND(0.0000041)	ND(0.0000061)	ND(0.0000054) [ND(0.0000047)]	NA
TCDDs (total)	Not Applicable	ND(0.0000041)	0.0000081	ND(0.0000054) J [0.000027 J]	NA
1,2,3,7,8-PeCDD	Not Applicable	ND(0.0000013)	ND(0.0000017)	ND(0.0000019) [ND(0.0000016)]	NA
PeCDDs (total)	Not Applicable	ND(0.0000013)	ND(0.0000036)	ND(0.0000023) [ND(0.0000037)]	NA
1,2,3,4,7,8-HxCDD	Not Applicable	ND(0.0000054)	ND(0.0000015)	0.0000050 J [ND(0.0000014)]	NA
1,2,3,6,7,8-HxCDD	Not Applicable	ND(0.0000049)	0.0000068	0.0000055 J [ND(0.0000028)]	NA
1,2,3,7,8,9-HxCDD	Not Applicable	ND(0.0000045)	0.0000034 J	0.0000052 J [ND(0.0000020)]	NA
HxCDDs (total)	Not Applicable	ND(0.0000054)	0.000057	0.000049 J [0.000025 J]	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	ND(0.0000040)	0.000076	0.000026 [0.000024]	NA
HpCDDs (total)	Not Applicable	ND(0.0000040)	0.00017	0.000057 [0.000049]	NA
OCDD	Not Applicable	ND(0.0000042)	0.00034 J	0.00013 [0.00014]	NA
Total TEQs (WHO TEFs)	Not Applicable	0.0000012	0.000014	0.000031 [0.000027]	NA
Inorganics					
Antimony	750	1.60 B	ND(6.00) J	ND(6.00) J [ND(6.00) J]	NA
Arsenic	3	10	3.30	6.10 [3.80]	NA
Barium	100,000	44	25.0	47.0 [33.0]	NA
Beryllium	3,400	0.260 B	ND(0.5)	ND(0.5) [ND(0.5)]	NA
Cadmium	930	0.92	0.720	0.530 [0.340 B]	NA
Chromium	450	11	7.10	13.0 [7.80]	NA
Cobalt	29,000	11	5.50	7.70 [5.00]	NA
Copper	70,000	40	40.0	39.0 [28.0]	NA
Lead	1,000	84.0 J	150	34.0 [25.0]	NA
Mercury	560	1.3	0.150	0.200 [0.280]	NA
Nickel	37,000	22	14.0	17.0 [9.40]	NA
Selenium	9,400	7.2	0.590 J	0.990 J [ND(1.00) J]	NA
Silver	9,400	ND(1.00)	ND(1.00) J	ND(1.0) J [0.160 J]	NA
Thallium	150	ND(1.30)	ND(1.10)	ND(1.10) [ND(1.10)]	NA
Tin	100,000	52.0 J	ND(10.0)	ND(10.0) [ND(10.0)]	NA
Vanadium	13,000	12	20.0	11.0 [6.80]	NA
Zinc	100,000	160	61.0	80.0 [55.0]	NA
Cyanide	35	0.13	ND(0.220)	0.0660 J [0.130 J]	NA
Sulfide	1,200	100	20.0	16.0 [27.0]	NA

**TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-21-SB-6 10-12 03/10/05	I9-9-21-SB-6 10-15 03/10/05	I9-9-21-SB-7 0-1 03/10/05	I9-9-21-SB-7 1-3 03/10/05	I9-9-21-SB-7 6-10 03/10/05
Volatile Organics							
1,1,1,2-Tetrachloroethane		6.8	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
1,1,1-Trichloroethane		1,400	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
1,1,2,2-Tetrachloroethane		0.87	ND(0.012) J	NA	ND(0.0058)	ND(0.0059)	NA
1,1,2-Trichloroethane		1.9	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
1,1-Dichloroethane		2,000	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
1,1-Dichloroethene		0.12	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
1,2,3-Trichloropropane		0.0031	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
1,2-Dibromo-3-chloropropane		2.1	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
1,2-Dibromoethane		0.029	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
1,2-Dichloroethane		0.76	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
1,2-Dichloropropane		0.76	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
1,4-Dioxane		270	ND(0.12) J	NA	ND(0.12) J	ND(0.12) J	NA
2-Butanone		27,000	ND(0.012)	NA	ND(0.012)	ND(0.012)	NA
2-Chloro-1,3-butadiene		12	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
2-Chloroethylvinylether		0.56	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
2-Hexanone		2,800	ND(0.012)	NA	ND(0.012)	ND(0.012)	NA
3-Chloropropene		52,000	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
4-Methyl-2-pentanone		2,800	ND(0.012) J	NA	ND(0.012) J	ND(0.012) J	NA
Acetone		6,100	ND(0.024)	NA	ND(0.023)	ND(0.024)	NA
Acetonitrile		1,300	ND(0.12) J	NA	ND(0.12)	ND(0.12)	NA
Acrolein		0.34	ND(0.12) J	NA	ND(0.12) J	ND(0.12) J	NA
Acrylonitrile		0.49	ND(0.012)	NA	ND(0.0058) J	ND(0.0059) J	NA
Benzene		1.4	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
Bromodichloromethane		2.3	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
Bromofom		380	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
Bromomethane		13	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
Carbon Disulfide		1,200	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
Carbon Tetrachloride		0.52	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
Chlorobenzene		180	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
Chloroethane		1,600	ND(0.012) J	NA	ND(0.0058)	ND(0.0059)	NA
Chloroform		0.52	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
Chloromethane		2.6	ND(0.012)	NA	ND(0.0058)	0.0045 J	NA
cis-1,3-Dichloropropene		Not Listed	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
Dibromochloromethane		36	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
Dibromomethane		11,000	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
Dichlorodifluoromethane		310	ND(0.012)	NA	ND(0.0058) J	ND(0.0059) J	NA
Ethyl Methacrylate		140	ND(0.012) J	NA	ND(0.0058)	ND(0.0059)	NA
Ethylbenzene		230	0.089 J	NA	ND(0.0058)	ND(0.0059)	NA
Iodomethane		2.6	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
Isobutanol		40,000	ND(0.12) J	NA	ND(0.12) J	ND(0.12) J	NA
Methacrylonitrile		8.4	ND(0.012) J	NA	ND(0.0058)	ND(0.0059)	NA
Methyl Methacrylate		7,300	ND(0.012) J	NA	ND(0.0058) J	ND(0.0059) J	NA
Methylene Chloride		20	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
Propionitrile		1,300	ND(0.012) J	NA	ND(0.012) J	ND(0.012) J	NA
Styrene		1,700	0.0060 J	NA	ND(0.0058)	ND(0.0059)	NA
Tetrachloroethene		16	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
Toluene		520	0.11 J	NA	ND(0.0058)	ND(0.0059)	NA
trans-1,2-Dichloroethene		210	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
trans-1,3-Dichloropropene		Not Listed	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.012) J	NA	ND(0.0058)	ND(0.0059)	NA
Trichloroethene		6.1	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
Trichlorofluoromethane		1,300	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
Vinyl Acetate		1,400	ND(0.012) J	NA	ND(0.0058) J	ND(0.0059) J	NA
Vinyl Chloride		0.048	ND(0.012)	NA	ND(0.0058)	ND(0.0059)	NA
Xylenes (total)		210	0.28 J	NA	ND(0.0058)	ND(0.0059)	NA

**TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-21-SB-6 10-12 03/10/05	I9-9-21-SB-6 10-15 03/10/05	I9-9-21-SB-7 0-1 03/10/05	I9-9-21-SB-7 1-3 03/10/05	I9-9-21-SB-7 6-10 03/10/05
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		320	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
1,2,4-Trichlorobenzene		1,700	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
1,2-Dichlorobenzene		370	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
1,2-Diphenylhydrazine		3.7	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
1,3,5-Trinitrobenzene		32,000	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
1,3-Dichlorobenzene		140	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
1,3-Dinitrobenzene		110	NA	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
1,4-Dichlorobenzene		7.3	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
1,4-Naphthoquinone		190	NA	ND(4.0)	ND(3.8) J	ND(0.79) J	ND(3.9) J
1-Naphthylamine		Not Listed	NA	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
2,3,4,6-Tetrachlorophenol		32,000	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
2,4,5-Trichlorophenol		110,000	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
2,4,6-Trichlorophenol		270	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
2,4-Dichlorophenol		3,200	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
2,4-Dimethylphenol		21,000	NA	ND(4.0) J	ND(3.8)	ND(0.39)	ND(3.9)
2,4-Dinitrophenol		2,100	NA	ND(20)	ND(19)	ND(2.0)	ND(19) J
2,4-Dinitrotoluene		2,100	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
2,6-Dichlorophenol		3,200	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
2,6-Dinitrotoluene		1,100	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
2-Acetylaminofluorene		3.6	NA	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
2-Chloronaphthalene		24,000	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
2-Chlorophenol		240	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
2-Methylnaphthalene		190	NA	31	ND(3.8)	0.15 J	0.75 J
2-Methylphenol		53,000	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
2-Naphthylamine		Not Listed	NA	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
2-Nitroaniline		64	NA	ND(20)	ND(19)	ND(2.0)	ND(19)
2-Nitrophenol		Not Listed	NA	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
2-Picoline		1,100	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
3&4-Methylphenol		5,300	NA	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
3,3'-Dichlorobenzidine		6.7	NA	ND(8.1)	ND(7.7)	ND(0.79)	ND(7.8) J
3,3'-Dimethylbenzidine		0.33	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
3-Methylcholanthrene		0.36	NA	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
3-Nitroaniline		110	NA	ND(20)	ND(19)	ND(2.0)	ND(19)
4,6-Dinitro-2-methylphenol		1,100	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9) J
4-Aminobiphenyl		27,000	NA	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
4-Bromophenyl-phenylether		3,200	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
4-Chloro-3-Methylphenol		53,000	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
4-Chloroaniline		4,300	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
4-Chlorobenzilate		11	NA	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
4-Chlorophenyl-phenylether		Not Listed	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
4-Nitroaniline		110	NA	ND(4.0)	ND(3.8)	ND(2.0)	ND(3.9)
4-Nitrophenol		66,000	NA	ND(20)	ND(19)	ND(2.0)	ND(19)
4-Nitroquinoline-1-oxide		2,100	NA	ND(4.0) J	ND(3.8) J	ND(0.79) J	ND(3.9) J
4-Phenylenediamine		100,000	NA	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
5-Nitro-o-toluidine		91	NA	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
7,12-Dimethylbenz(a)anthracene		0.36	NA	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
a,a'-Dimethylphenethylamine		1,100	NA	ND(4.0)	ND(3.8) J	ND(0.79) J	ND(3.9) J
Acenaphthene		28,000	NA	53	ND(3.8)	0.26 J	2.6 J
Acenaphthylene		190	NA	3.8 J	ND(3.8)	0.40	0.59 J
Acetophenone		1.6	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Aniline		530	NA	ND(4.0) J	ND(3.8) J	ND(0.39) J	ND(3.9) J
Anthracene		220,000	NA	140	ND(3.8)	0.78	4.6
Aramite		120	NA	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
Benzidine		0.013	NA	ND(8.1) J	ND(7.7) J	ND(0.79) J	ND(7.8) J
Benzo(a)anthracene		3.6	NA	170	0.51 J	1.9	8.0
Benzo(a)pyrene		0.36	NA	130	0.59 J	1.7	7.0
Benzo(b)fluoranthene		3.6	NA	120	0.52 J	1.3	6.3
Benzo(g,h,i)perylene		190	NA	43	ND(3.8)	0.86	3.7 J
Benzo(k)fluoranthene		36	NA	110	0.52 J	1.5	6.8

**TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-21-SB-6 10-12 03/10/05	I9-9-21-SB-6 10-15 03/10/05	I9-9-21-SB-7 0-1 03/10/05	I9-9-21-SB-7 1-3 03/10/05	I9-9-21-SB-7 6-10 03/10/05
Semivolatile Organics (continued)							
Benzyl Alcohol		100,000	NA	ND(8.1) J	ND(7.7)	ND(0.79)	ND(7.8)
bis(2-Chloroethoxy)methane		Not Listed	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
bis(2-Chloroethyl)ether		0.56	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
bis(2-Chloroisopropyl)ether		7.4	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
bis(2-Ethylhexyl)phthalate		210	NA	ND(2.0)	ND(1.9)	ND(0.39)	ND(1.9)
Butylbenzylphthalate		930	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Chrysene		360	NA	150	0.47 J	1.9	7.7
Diallate		49	NA	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
Dibenzo(a,h)anthracene		0.36	NA	18	ND(3.8)	0.22 J	1.1 J
Dibenzofuran		3,200	NA	43	ND(3.8)	0.19 J	1.4 J
Diethylphthalate		100,000	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Dimethylphthalate		100,000	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Di-n-Butylphthalate		110,000	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Di-n-Octylphthalate		10,000	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Diphenylamine		27,000	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Ethyl Methanesulfonate		Not Listed	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Fluoranthene		37,000	NA	400	0.81 J	3.2	17
Fluorene		22,000	NA	66	ND(3.8)	0.35 J	2.7 J
Hexachlorobenzene		1.9	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Hexachlorobutadiene		38	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Hexachlorocyclopentadiene		7,100	NA	ND(4.0)	ND(3.8) J	ND(0.39) J	ND(3.9) J
Hexachloroethane		210	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Hexachlorophene		320	NA	ND(8.1) J	ND(7.7) J	ND(0.79) J	ND(7.8) J
Hexachloropropene		Not Listed	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Indeno(1,2,3-cd)pyrene		3.6	NA	45	ND(3.8)	0.76	3.7 J
Isodrin		Not Listed	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Isophorone		3,200	NA	ND(4.0)	ND(3.8) J	ND(0.39) J	ND(3.9) J
Isosafrole		Not Listed	NA	ND(4.0) J	ND(3.8)	ND(0.79)	ND(3.9)
Methapyrilene		190	NA	ND(4.0) J	ND(3.8) J	ND(0.79) J	ND(3.9) J
Methyl Methanesulfonate		Not Listed	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Naphthalene		190	NA	130	ND(3.8)	0.19 J	1.0 J
Nitrobenzene		100	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
N-Nitrosodiethylamine		0.02	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
N-Nitrosodimethylamine		0.059	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
N-Nitroso-di-n-butylamine		0.058	NA	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
N-Nitroso-di-n-propylamine		0.43	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
N-Nitrosodiphenylamine		610	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
N-Nitrosomethylethylamine		0.14	NA	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
N-Nitrosomorpholine		1.4	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
N-Nitrosopiperidine		1.4	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
N-Nitrosopyrrolidine		1.4	NA	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
o,o,o-Triethylphosphorothioate		210	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
o-Toluidine		12	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
p-Dimethylaminoazobenzene		6.7	NA	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
Pentachlorobenzene		860	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Pentachloroethane		6.8	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Pentachloronitrobenzene		12	NA	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
Pentachlorophenol		15	NA	ND(20)	ND(19)	ND(2.0)	ND(19)
Phenacetin		14,000	NA	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
Phenanthrene		190	NA	430	0.45 J	2.6	17
Phenol		100,000	NA	ND(4.0)	ND(3.8)	0.048 J	ND(3.9)
Pronamide		80,000	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Pyrene		26,000	NA	310	0.82 J	3.4	14
Pyridine		1,100	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Safrole		Not Listed	NA	ND(4.0) J	ND(3.8) J	ND(0.39) J	ND(3.9) J
Thionazin		6,400	NA	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)

**TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-21-SB-6 10-12 03/10/05	I9-9-21-SB-6 10-15 03/10/05	I9-9-21-SB-7 0-1 03/10/05	I9-9-21-SB-7 1-3 03/10/05	I9-9-21-SB-7 6-10 03/10/05
Furans						
2,3,7,8-TCDF	Not Applicable	NA	0.00048	0.000013 Y	0.000046 Y	0.00038 Y
TCDFs (total)	Not Applicable	NA	0.0012	0.000088	0.00022	0.00075
1,2,3,7,8-PeCDF	Not Applicable	NA	0.00015 J	0.0000032 J	0.000013	0.000034
2,3,4,7,8-PeCDF	Not Applicable	NA	0.00037	0.0000054 J	0.000020	0.000065
PeCDFs (total)	Not Applicable	NA	0.0017	0.00010	0.00038	0.00057
1,2,3,4,7,8-HxCDF	Not Applicable	NA	0.0017	0.0000062	0.000063	0.00017
1,2,3,6,7,8-HxCDF	Not Applicable	NA	0.00078	0.0000060	0.000035	0.000076
1,2,3,7,8,9-HxCDF	Not Applicable	NA	ND(0.000018)	ND(0.0000030)	ND(0.0000099)	ND(0.0000024)
2,3,4,6,7,8-HxCDF	Not Applicable	NA	0.00014 J	0.0000060	0.000016	0.000031
HxCDFs (total)	Not Applicable	NA	0.0050	0.00014	0.00051	0.00098
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	0.0010	0.000014	0.000056	0.00013
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	0.00043	ND(0.0000024)	0.000023	0.000054
HpCDFs (total)	Not Applicable	NA	0.0021	0.000032	0.00014	0.00035
OCDF	Not Applicable	NA	0.00063	0.0000082 J	0.000039	0.000092
Dioxins						
2,3,7,8-TCDD	Not Applicable	NA	ND(0.0000075)	ND(0.00000053)	ND(0.00000042)	ND(0.00000044)
TCDDs (total)	Not Applicable	NA	ND(0.0000075)	ND(0.00000060)	0.0000034	0.000012
1,2,3,7,8-PeCDD	Not Applicable	NA	ND(0.000019) J	ND(0.0000020)	ND(0.00000081)	ND(0.00000096)
PeCDDs (total)	Not Applicable	NA	ND(0.000019)	ND(0.0000020)	ND(0.0000034)	ND(0.0000071)
1,2,3,4,7,8-HxCDD	Not Applicable	NA	ND(0.000017) J	ND(0.0000032)	ND(0.00000078)	ND(0.0000018)
1,2,3,6,7,8-HxCDD	Not Applicable	NA	ND(0.000016)	ND(0.0000029)	ND(0.0000019)	ND(0.0000026)
1,2,3,7,8,9-HxCDD	Not Applicable	NA	ND(0.000016)	ND(0.0000029)	ND(0.0000015)	ND(0.0000022)
HxCDDs (total)	Not Applicable	NA	ND(0.000017)	0.0000037	0.000013	0.000025
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	ND(0.000054) J	0.0000071	0.000013	0.000028
HpCDDs (total)	Not Applicable	NA	ND(0.000054)	0.000013	0.000027	0.000054
OCDD	Not Applicable	NA	0.00035 J	0.000027	0.000090	0.00017
Total TEQs (WHO TEFs)	Not Applicable	NA	0.00053	0.0000081	0.000028	0.00010
Inorganics						
Antimony	750	NA	ND(6.00) J	ND(6.0) J	ND(6.0) J	ND(6.0) J
Arsenic	3	NA	6.10	6.60	7.20	6.70
Barium	100,000	NA	68.0	36.0	43.0	75.0
Beryllium	3,400	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
Cadmium	930	NA	0.620	0.760	1.10	1.10
Chromium	450	NA	12.0	12.0	14.0	13.0
Cobalt	29,000	NA	9.60	11.0	11.0	8.80
Copper	70,000	NA	38.0	26.0	58.0	1600
Lead	1,000	NA	34.0	140	98.0	290
Mercury	560	NA	0.200	0.170	1.10	0.340
Nickel	37,000	NA	13.0	17.0	22.0	23.0
Selenium	9,400	NA	0.870 J	2.00 J	1.60 J	1.50 J
Silver	9,400	NA	ND(1.0) J	ND(1.0) J	ND(1.0) J	ND(1.00) J
Thallium	150	NA	ND(1.20)	ND(1.20)	ND(1.20)	ND(1.20)
Tin	100,000	NA	ND(10.0)	ND(14.0)	ND(11.0)	ND(150.0)
Vanadium	13,000	NA	11.0	12.0	13.0	11.0
Zinc	100,000	NA	75.0	100	100	190
Cyanide	35	NA	0.850 J	0.100 J	0.0910 J	0.0970 J
Sulfide	1,200	NA	160	17.0	11.0	24.0

**TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-21-SB-7 8-10 03/10/05	I9-9-21-SB-7 10-15 03/10/05	I9-9-21-SB-7 12-14 03/10/05	I9-9-21-SB-10 1-3 03/10/05	I9-9-21-SB-10 3-6 03/10/05
Volatile Organics							
1,1,1,2-Tetrachloroethane		6.8	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
1,1,1-Trichloroethane		1,400	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
1,1,2,2-Tetrachloroethane		0.87	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
1,1,2-Trichloroethane		1.9	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
1,1-Dichloroethane		2,000	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
1,1-Dichloroethene		0.12	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
1,2,3-Trichloropropane		0.0031	ND(0.0058)	NA	0.14 J	ND(0.0060)	NA
1,2-Dibromo-3-chloropropane		2.1	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
1,2-Dibromoethane		0.029	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
1,2-Dichloroethane		0.76	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
1,2-Dichloropropane		0.76	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
1,4-Dioxane		270	ND(0.12) J	NA	ND(0.12) J	ND(0.12) J	NA
2-Butanone		27,000	ND(0.012)	NA	ND(0.012)	ND(0.012)	NA
2-Chloro-1,3-butadiene		12	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
2-Chloroethylvinylether		0.56	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
2-Hexanone		2,800	ND(0.012)	NA	ND(0.012)	ND(0.012)	NA
3-Chloropropene		52,000	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
4-Methyl-2-pentanone		2,800	ND(0.012) J	NA	ND(0.012) J	ND(0.012) J	NA
Acetone		6,100	ND(0.023)	NA	ND(0.024)	ND(0.024)	NA
Acetonitrile		1,300	ND(0.12)	NA	ND(0.12)	ND(0.12)	NA
Acrolein		0.34	ND(0.12) J	NA	ND(0.12) J	ND(0.12) J	NA
Acrylonitrile		0.49	ND(0.0058) J	NA	ND(0.0060) J	ND(0.0060) J	NA
Benzene		1.4	ND(0.0058)	NA	0.0044 J	ND(0.0060)	NA
Bromodichloromethane		2.3	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
Bromoform		380	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
Bromomethane		13	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
Carbon Disulfide		1,200	ND(0.0058)	NA	0.0080 J	ND(0.0060)	NA
Carbon Tetrachloride		0.52	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
Chlorobenzene		180	ND(0.0058)	NA	0.0039 J	ND(0.0060)	NA
Chloroethane		1,600	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
Chloroform		0.52	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
Chloromethane		2.6	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
cis-1,3-Dichloropropene		Not Listed	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
Dibromochloromethane		36	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
Dibromomethane		11,000	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
Dichlorodifluoromethane		310	ND(0.0058) J	NA	ND(0.0060) J	ND(0.0060) J	NA
Ethyl Methacrylate		140	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
Ethylbenzene		230	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
Iodomethane		2.6	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
Isobutanol		40,000	ND(0.12) J	NA	ND(0.12) J	ND(0.12) J	NA
Methacrylonitrile		8.4	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
Methyl Methacrylate		7,300	ND(0.0058) J	NA	ND(0.0060) J	ND(0.0060) J	NA
Methylene Chloride		20	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
Propionitrile		1,300	ND(0.012) J	NA	ND(0.012) J	ND(0.012) J	NA
Styrene		1,700	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
Tetrachloroethene		16	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
Toluene		520	ND(0.0058)	NA	0.0046 J	ND(0.0060)	NA
trans-1,2-Dichloroethene		210	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
trans-1,3-Dichloropropene		Not Listed	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
Trichloroethene		6.1	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
Trichlorofluoromethane		1,300	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
Vinyl Acetate		1,400	ND(0.0058) J	NA	ND(0.0060) J	ND(0.0060) J	NA
Vinyl Chloride		0.048	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA
Xylenes (total)		210	ND(0.0058)	NA	0.013 J	ND(0.0060)	NA

**TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-21-SB-7 8-10 03/10/05	I9-9-21-SB-7 10-15 03/10/05	I9-9-21-SB-7 12-14 03/10/05	I9-9-21-SB-10 1-3 03/10/05	I9-9-21-SB-10 3-6 03/10/05
Semivolatiles Organics							
1,2,4,5-Tetrachlorobenzene		320	NA	0.058 J	NA	ND(4.0)	ND(0.40)
1,2,4-Trichlorobenzene		1,700	NA	0.30 J	NA	ND(4.0)	ND(0.40)
1,2-Dichlorobenzene		370	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
1,2-Diphenylhydrazine		3.7	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
1,3,5-Trinitrobenzene		32,000	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
1,3-Dichlorobenzene		140	NA	0.058 J	NA	ND(4.0)	ND(0.40)
1,3-Dinitrobenzene		110	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
1,4-Dichlorobenzene		7.3	NA	0.23 J	NA	ND(4.0)	ND(0.40)
1,4-Naphthoquinone		190	NA	ND(0.82) J	NA	ND(4.0) J	ND(0.80) J
1-Naphthylamine		Not Listed	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
2,3,4,6-Tetrachlorophenol		32,000	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
2,4,5-Trichlorophenol		110,000	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
2,4,6-Trichlorophenol		270	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
2,4-Dichlorophenol		3,200	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
2,4-Dimethylphenol		21,000	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
2,4-Dinitrophenol		2,100	NA	ND(2.1) J	NA	ND(20) J	ND(2.0) J
2,4-Dinitrotoluene		2,100	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
2,6-Dichlorophenol		3,200	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
2,6-Dinitrotoluene		1,100	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
2-Acetylaminofluorene		3.6	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
2-Chloronaphthalene		24,000	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
2-Chlorophenol		240	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
2-Methylnaphthalene		190	NA	ND(0.41)	NA	4.3	ND(0.40)
2-Methylphenol		53,000	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
2-Naphthylamine		Not Listed	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
2-Nitroaniline		64	NA	ND(2.1)	NA	ND(20)	ND(2.0)
2-Nitrophenol		Not Listed	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
2-Picoline		1,100	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
3&4-Methylphenol		5,300	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
3,3'-Dichlorobenzidine		6.7	NA	ND(0.82) J	NA	ND(8.0)	ND(0.80) J
3,3'-Dimethylbenzidine		0.33	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
3-Methylcholanthrene		0.36	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
3-Nitroaniline		110	NA	ND(2.1)	NA	ND(20)	ND(2.0)
4,6-Dinitro-2-methylphenol		1,100	NA	ND(0.41) J	NA	ND(4.0)	ND(0.40) J
4-Aminobiphenyl		27,000	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
4-Bromophenyl-phenylether		3,200	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
4-Chloro-3-Methylphenol		53,000	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
4-Chloroaniline		4,300	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
4-Chlorobenzilate		11	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
4-Chlorophenyl-phenylether		Not Listed	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
4-Nitroaniline		110	NA	ND(2.1)	NA	ND(4.0)	ND(2.0)
4-Nitrophenol		66,000	NA	ND(2.1)	NA	ND(20)	ND(2.0)
4-Nitroquinoline-1-oxide		2,100	NA	ND(0.82) J	NA	ND(4.0) J	ND(0.80) J
4-Phenylenediamine		100,000	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
5-Nitro-o-toluidine		91	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
7,12-Dimethylbenz(a)anthracene		0.36	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
a,a'-Dimethylphenethylamine		1,100	NA	ND(0.82) J	NA	ND(4.0)	ND(0.80) J
Acenaphthene		28,000	NA	0.056 J	NA	10	ND(0.40)
Acenaphthylene		190	NA	0.26 J	NA	1.6 J	ND(0.40)
Acetophenone		1.6	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Aniline		530	NA	ND(0.41) J	NA	ND(4.0) J	ND(0.40) J
Anthracene		220,000	NA	0.17 J	NA	23	0.057 J
Aramite		120	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
Benzidine		0.013	NA	ND(0.82) J	NA	ND(8.0) J	ND(0.80) J
Benzo(a)anthracene		3.6	NA	0.47	NA	28	0.19 J
Benzo(a)pyrene		0.36	NA	0.52	NA	21	0.22 J
Benzo(b)fluoranthene		3.6	NA	0.36 J	NA	13	0.18 J
Benzo(g,h,i)perylene		190	NA	0.32 J	NA	8.9	0.17 J
Benzo(k)fluoranthene		36	NA	0.46	NA	15	0.19 J

TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-21-SB-7 8-10 03/10/05	I9-9-21-SB-7 10-15 03/10/05	I9-9-21-SB-7 12-14 03/10/05	I9-9-21-SB-10 1-3 03/10/05	I9-9-21-SB-10 3-6 03/10/05
Semivolatile Organics (continued)							
Benzyl Alcohol		100,000	NA	ND(0.82)	NA	ND(8.0)	ND(0.80)
bis(2-Chloroethoxy)methane		Not Listed	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
bis(2-Chloroethyl)ether		0.56	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
bis(2-Chloroisopropyl)ether		7.4	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
bis(2-Ethylhexyl)phthalate		210	NA	ND(0.40)	NA	ND(2.0)	ND(0.40)
Butylbenzylphthalate		930	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Chrysene		360	NA	0.51	NA	27	0.22 J
Diallate		49	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
Dibenzo(a,h)anthracene		0.36	NA	0.086 J	NA	2.6 J	ND(0.40)
Dibenzofuran		3,200	NA	ND(0.41)	NA	6.4	ND(0.40)
Diethylphthalate		100,000	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Dimethylphthalate		100,000	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Di-n-Butylphthalate		110,000	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Di-n-Octylphthalate		10,000	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Diphenylamine		27,000	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Ethyl Methanesulfonate		Not Listed	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Fluoranthene		37,000	NA	0.78	NA	54	0.31 J
Fluorene		22,000	NA	0.097 J	NA	13	ND(0.40)
Hexachlorobenzene		1.9	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Hexachlorobutadiene		38	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Hexachlorocyclopentadiene		7,100	NA	ND(0.41) J	NA	ND(4.0) J	ND(0.40) J
Hexachloroethane		210	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Hexachlorophene		320	NA	ND(0.82) J	NA	ND(8.0) J	ND(0.80) J
Hexachloropropene		Not Listed	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Indeno(1,2,3-cd)pyrene		3.6	NA	0.26 J	NA	7.2	0.14 J
Isodrin		Not Listed	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Isophorone		3,200	NA	ND(0.41) J	NA	ND(4.0)	ND(0.40) J
Isosafrole		Not Listed	NA	ND(0.82)	NA	ND(4.0) J	ND(0.80)
Methapyriene		190	NA	ND(0.82) J	NA	ND(4.0) J	ND(0.80) J
Methyl Methanesulfonate		Not Listed	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Naphthalene		190	NA	0.10 J	NA	4.8	ND(0.40)
Nitrobenzene		100	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
N-Nitrosodiethylamine		0.02	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
N-Nitrosodimethylamine		0.059	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
N-Nitroso-di-n-butylamine		0.058	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
N-Nitroso-di-n-propylamine		0.43	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
N-Nitrosodiphenylamine		610	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
N-Nitrosomethylethylamine		0.14	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
N-Nitrosomorpholine		1.4	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
N-Nitrosopiperidine		1.4	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
N-Nitrosopyrrolidine		1.4	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
o,o,o-Triethylphosphorothioate		210	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
o-Toluidine		12	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
p-Dimethylaminoazobenzene		6.7	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
Pentachlorobenzene		860	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Pentachloroethane		6.8	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Pentachloronitrobenzene		12	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
Pentachlorophenol		15	NA	ND(2.1)	NA	ND(20)	ND(2.0)
Phenacetin		14,000	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
Phenanthrene		190	NA	0.46	NA	63	0.14 J
Phenol		100,000	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Pronamide		80,000	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Pyrene		26,000	NA	0.96	NA	60	0.35 J
Pyridine		1,100	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Safrole		Not Listed	NA	ND(0.41) J	NA	ND(4.0) J	ND(0.40) J
Thionazin		6,400	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)

**TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-21-SB-7 8-10 03/10/05	I9-9-21-SB-7 10-15 03/10/05	I9-9-21-SB-7 12-14 03/10/05	I9-9-21-SB-10 1-3 03/10/05	I9-9-21-SB-10 3-6 03/10/05
Furans							
2,3,7,8-TCDF		Not Applicable	NA	0.000053 Y	NA	0.0000021 Y	0.0000091 Y
TCDFs (total)		Not Applicable	NA	0.00032	NA	0.000020	0.000086
1,2,3,7,8-PeCDF		Not Applicable	NA	0.000040	NA	ND(0.0000078)	0.0000041 J
2,3,4,7,8-PeCDF		Not Applicable	NA	0.000023	NA	ND(0.0000010)	0.0000076
PeCDFs (total)		Not Applicable	NA	0.00042	NA	0.000022	0.000029
1,2,3,4,7,8-HxCDF		Not Applicable	NA	0.00014	NA	ND(0.0000027)	0.000012
1,2,3,6,7,8-HxCDF		Not Applicable	NA	0.000041	NA	ND(0.0000022)	0.000015
1,2,3,7,8,9-HxCDF		Not Applicable	NA	0.0000036 J	NA	ND(0.0000060)	ND(0.0000042)
2,3,4,6,7,8-HxCDF		Not Applicable	NA	0.000020	NA	ND(0.0000027)	0.000020
HxCDFs (total)		Not Applicable	NA	0.00089	NA	0.000063	0.000060
1,2,3,4,6,7,8-HpCDF		Not Applicable	NA	0.00018	NA	0.000080	0.000060
1,2,3,4,7,8,9-HpCDF		Not Applicable	NA	0.00010	NA	ND(0.0000012)	0.0000080
HpCDFs (total)		Not Applicable	NA	0.00059	NA	0.000019	0.00017
OCDF		Not Applicable	NA	0.00057	NA	ND(0.0000033)	0.000032
Dioxins							
2,3,7,8-TCDD		Not Applicable	NA	0.0000073 J	NA	ND(0.0000062)	ND(0.0000025)
TCDDs (total)		Not Applicable	NA	0.000025	NA	ND(0.0000073)	ND(0.0000067)
1,2,3,7,8-PeCDD		Not Applicable	NA	0.0000069	NA	ND(0.0000071)	ND(0.0000010)
PeCDDs (total)		Not Applicable	NA	0.000038	NA	ND(0.0000071)	ND(0.0000032)
1,2,3,4,7,8-HxCDD		Not Applicable	NA	0.0000047 J	NA	ND(0.0000058)	ND(0.0000095)
1,2,3,6,7,8-HxCDD		Not Applicable	NA	0.0000090	NA	ND(0.0000052)	0.0000031 J
1,2,3,7,8,9-HxCDD		Not Applicable	NA	0.000013	NA	ND(0.0000053)	ND(0.0000022)
HxCDDs (total)		Not Applicable	NA	0.00012	NA	ND(0.0000099)	0.000024
1,2,3,4,6,7,8-HpCDD		Not Applicable	NA	0.000035	NA	ND(0.0000016)	0.000013
HpCDDs (total)		Not Applicable	NA	0.000075	NA	ND(0.0000016)	0.000028
OCDD		Not Applicable	NA	0.00011	NA	0.0000067 J	0.000048
Total TEQs (WHO TEFs)		Not Applicable	NA	0.000053	NA	0.0000017	0.000012
Inorganics							
Antimony		750	NA	ND(6.00) J	NA	ND(6.00) J	ND(6.00) J
Arsenic		3	NA	6.10	NA	7.70	9.00
Barium		100,000	NA	42.0	NA	53.0	60.0
Beryllium		3,400	NA	ND(0.5)	NA	ND(0.5)	ND(0.5)
Cadmium		930	NA	1.20	NA	0.870	1.10
Chromium		450	NA	11.0	NA	12.0	13.0
Cobalt		29,000	NA	11.0	NA	9.90	11.0
Copper		70,000	NA	31.0	NA	27.0	32.0
Lead		1,000	NA	54.0	NA	98.0	100
Mercury		560	NA	0.120 B	NA	0.240	0.200
Nickel		37,000	NA	18.0	NA	18.0	18.0
Selenium		9,400	NA	1.60 J	NA	1.60 J	2.20 J
Silver		9,400	NA	ND(1.0) J	NA	ND(1.0) J	ND(1.0) J
Thallium		150	NA	ND(1.20)	NA	ND(1.20)	ND(1.20)
Tin		100,000	NA	ND(26.0)	NA	ND(10.0)	ND(18.0)
Vanadium		13,000	NA	10.0	NA	12.0	12.0
Zinc		100,000	NA	98.0	NA	110	120
Cyanide		35	NA	0.0960 J	NA	0.180 J	ND(0.240)
Sulfide		1,200	NA	180	NA	440	19.0

**TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-21-SB-10 4-6 03/10/05	I9-9-21-SB-10 6-10 03/10/05	I9-9-21-SB-10 8-10 03/10/05	I9-9-21-SB-11 0-1 03/10/05
Volatile Organics						
1,1,1,2-Tetrachloroethane		6.8	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
1,1,1-Trichloroethane		1,400	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
1,1,2,2-Tetrachloroethane		0.87	ND(0.0056) J	NA	ND(0.0063)	ND(0.0058) J
1,1,2-Trichloroethane		1.9	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
1,1-Dichloroethane		2,000	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
1,1-Dichloroethene		0.12	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
1,2,3-Trichloropropane		0.0031	ND(0.0056) J	NA	ND(0.0063)	ND(0.0058) J
1,2-Dibromo-3-chloropropane		2.1	ND(0.0056) J	NA	ND(0.0063)	ND(0.0058) J
1,2-Dibromoethane		0.029	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
1,2-Dichloroethane		0.76	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
1,2-Dichloropropane		0.76	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
1,4-Dioxane		270	ND(0.11) J	NA	ND(0.13) J	ND(0.12) J
2-Butanone		27,000	ND(0.011)	NA	ND(0.013)	ND(0.012)
2-Chloro-1,3-butadiene		12	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
2-Chloroethylvinylether		0.56	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
2-Hexanone		2,800	ND(0.011)	NA	ND(0.013)	ND(0.012)
3-Chloropropene		52,000	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
4-Methyl-2-pentanone		2,800	ND(0.011) J	NA	ND(0.013) J	ND(0.012) J
Acetone		6,100	ND(0.022)	NA	ND(0.025)	ND(0.023)
Acetonitrile		1,300	ND(0.11)	NA	ND(0.13)	ND(0.12)
Acrolein		0.34	ND(0.11) J	NA	ND(0.13) J	ND(0.12) J
Acrylonitrile		0.49	ND(0.0056) J	NA	ND(0.0063) J	ND(0.0058) J
Benzene		1.4	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Bromodichloromethane		2.3	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Bromoforn		380	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Bromomethane		13	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Carbon Disulfide		1,200	ND(0.0056)	NA	0.010 J	ND(0.0058)
Carbon Tetrachloride		0.52	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Chlorobenzene		180	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Chloroethane		1,600	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Chloroform		0.52	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Chloromethane		2.6	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
cis-1,3-Dichloropropene		Not Listed	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Dibromochloromethane		36	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Dibromomethane		11,000	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Dichlorodifluoromethane		310	ND(0.0056) J	NA	ND(0.0063) J	ND(0.0058) J
Ethyl Methacrylate		140	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Ethylbenzene		230	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Iodomethane		2.6	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Isobutanol		40,000	ND(0.11) J	NA	ND(0.13) J	ND(0.12) J
Methacrylonitrile		8.4	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Methyl Methacrylate		7,300	ND(0.0056) J	NA	ND(0.0063) J	ND(0.0058) J
Methylene Chloride		20	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Propionitrile		1,300	ND(0.011) J	NA	ND(0.013) J	ND(0.012) J
Styrene		1,700	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Tetrachloroethene		16	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Toluene		520	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
trans-1,2-Dichloroethene		210	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
trans-1,3-Dichloropropene		Not Listed	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0056) J	NA	ND(0.0063)	ND(0.0058) J
Trichloroethene		6.1	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Trichlorofluoromethane		1,300	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Vinyl Acetate		1,400	ND(0.0056) J	NA	ND(0.0063) J	ND(0.0058) J
Vinyl Chloride		0.048	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Xylenes (total)		210	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)

**TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-21-SB-10 4-6 03/10/05	I9-9-21-SB-10 6-10 03/10/05	I9-9-21-SB-10 8-10 03/10/05	I9-9-21-SB-11 0-1 03/10/05
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		320	NA	ND(0.42)	NA	ND(3.8)
1,2,4-Trichlorobenzene		1,700	NA	ND(0.42)	NA	ND(3.8)
1,2-Dichlorobenzene		370	NA	ND(0.42)	NA	ND(3.8)
1,2-Diphenylhydrazine		3.7	NA	ND(0.42)	NA	ND(3.8)
1,3,5-Trinitrobenzene		32,000	NA	ND(0.42)	NA	ND(3.8)
1,3-Dichlorobenzene		140	NA	ND(0.42)	NA	ND(3.8)
1,3-Dinitrobenzene		110	NA	ND(0.84)	NA	ND(3.8)
1,4-Dichlorobenzene		7.3	NA	ND(0.42)	NA	ND(3.8)
1,4-Naphthoquinone		190	NA	ND(0.84) J	NA	ND(3.8) J
1-Naphthylamine		Not Listed	NA	ND(0.84)	NA	ND(3.8)
2,3,4,6-Tetrachlorophenol		32,000	NA	ND(0.42)	NA	ND(3.8)
2,4,5-Trichlorophenol		110,000	NA	ND(0.42)	NA	ND(3.8)
2,4,6-Trichlorophenol		270	NA	ND(0.42)	NA	ND(3.8)
2,4-Dichlorophenol		3,200	NA	ND(0.42)	NA	ND(3.8)
2,4-Dimethylphenol		21,000	NA	ND(0.42)	NA	ND(3.8)
2,4-Dinitrophenol		2,100	NA	ND(2.1) J	NA	ND(19) J
2,4-Dinitrotoluene		2,100	NA	ND(0.42)	NA	ND(3.8)
2,6-Dichlorophenol		3,200	NA	ND(0.42)	NA	ND(3.8)
2,6-Dinitrotoluene		1,100	NA	ND(0.42)	NA	ND(3.8)
2-Acetylaminofluorene		3.6	NA	ND(0.84)	NA	ND(3.8)
2-Chloronaphthalene		24,000	NA	ND(0.42)	NA	ND(3.8)
2-Chlorophenol		240	NA	ND(0.42)	NA	ND(3.8)
2-Methylnaphthalene		190	NA	ND(0.42)	NA	ND(3.8)
2-Methylphenol		53,000	NA	ND(0.42)	NA	ND(3.8)
2-Naphthylamine		Not Listed	NA	ND(0.84)	NA	ND(3.8)
2-Nitroaniline		64	NA	ND(2.1)	NA	ND(19)
2-Nitrophenol		Not Listed	NA	ND(0.84)	NA	ND(3.8)
2-Picoline		1,100	NA	ND(0.42)	NA	ND(3.8)
3&4-Methylphenol		5,300	NA	ND(0.84)	NA	ND(3.8)
3,3'-Dichlorobenzidine		6.7	NA	ND(0.84)	NA	ND(7.7) J
3,3'-Dimethylbenzidine		0.33	NA	ND(0.42)	NA	ND(3.8)
3-Methylcholanthrene		0.36	NA	ND(0.84)	NA	ND(3.8)
3-Nitroaniline		110	NA	ND(2.1)	NA	ND(19)
4,6-Dinitro-2-methylphenol		1,100	NA	ND(0.42)	NA	ND(3.8) J
4-Aminobiphenyl		27,000	NA	ND(0.84)	NA	ND(3.8)
4-Bromophenyl-phenylether		3,200	NA	ND(0.42)	NA	ND(3.8)
4-Chloro-3-Methylphenol		53,000	NA	ND(0.42)	NA	ND(3.8)
4-Chloroaniline		4,300	NA	ND(0.42)	NA	ND(3.8)
4-Chlorobenzilate		11	NA	ND(0.84)	NA	ND(3.8)
4-Chlorophenyl-phenylether		Not Listed	NA	ND(0.42)	NA	ND(3.8)
4-Nitroaniline		110	NA	ND(2.1)	NA	ND(3.8)
4-Nitrophenol		66,000	NA	ND(2.1)	NA	ND(19)
4-Nitroquinoline-1-oxide		2,100	NA	ND(0.84) J	NA	ND(3.8) J
4-Phenylenediamine		100,000	NA	ND(0.84)	NA	ND(3.8)
5-Nitro-o-toluidine		91	NA	ND(0.84)	NA	ND(3.8)
7,12-Dimethylbenz(a)anthracene		0.36	NA	ND(0.84)	NA	ND(3.8)
a,a'-Dimethylphenethylamine		1,100	NA	ND(0.84)	NA	ND(3.8) J
Acenaphthene		28,000	NA	ND(0.42)	NA	ND(3.8)
Acenaphthylene		190	NA	0.058 J	NA	ND(3.8)
Acetophenone		1.6	NA	ND(0.42)	NA	ND(3.8)
Aniline		530	NA	ND(0.42) J	NA	ND(3.8) J
Anthracene		220,000	NA	0.054 J	NA	ND(3.8)
Aramite		120	NA	ND(0.84)	NA	ND(3.8)
Benzidine		0.013	NA	ND(0.84) J	NA	ND(7.7) J
Benzo(a)anthracene		3.6	NA	0.10 J	NA	ND(3.8)
Benzo(a)pyrene		0.36	NA	0.10 J	NA	ND(3.8)
Benzo(b)fluoranthene		3.6	NA	0.076 J	NA	ND(3.8)
Benzo(g,h,i)perylene		190	NA	0.060 J	NA	ND(3.8)
Benzo(k)fluoranthene		36	NA	0.097 J	NA	ND(3.8)

TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN 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): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-21-SB-10 4-6 03/10/05	I9-9-21-SB-10 6-10 03/10/05	I9-9-21-SB-10 8-10 03/10/05	I9-9-21-SB-11 0-1 03/10/05
Semivolatile Organics (continued)					
Benzyl Alcohol	100,000	NA	ND(0.84)	NA	ND(7.7)
bis(2-Chloroethoxy)methane	Not Listed	NA	ND(0.42)	NA	ND(3.8)
bis(2-Chloroethyl)ether	0.56	NA	ND(0.42)	NA	ND(3.8)
bis(2-Chloroisopropyl)ether	7.4	NA	ND(0.42)	NA	ND(3.8)
bis(2-Ethylhexyl)phthalate	210	NA	ND(0.41)	NA	ND(1.9)
Butylbenzylphthalate	930	NA	ND(0.42)	NA	ND(3.8)
Chrysene	360	NA	0.11 J	NA	ND(3.8)
Diallate	49	NA	ND(0.84)	NA	ND(3.8)
Dibenzo(a,h)anthracene	0.36	NA	ND(0.42)	NA	ND(3.8)
Dibenzofuran	3,200	NA	ND(0.42)	NA	ND(3.8)
Diethylphthalate	100,000	NA	ND(0.42)	NA	ND(3.8)
Dimethylphthalate	100,000	NA	ND(0.42)	NA	ND(3.8)
Di-n-Butylphthalate	110,000	NA	ND(0.42)	NA	ND(3.8)
Di-n-Octylphthalate	10,000	NA	ND(0.42)	NA	ND(3.8)
Diphenylamine	27,000	NA	ND(0.42)	NA	ND(3.8)
Ethyl Methanesulfonate	Not Listed	NA	ND(0.42)	NA	ND(3.8)
Fluoranthene	37,000	NA	0.21 J	NA	ND(3.8)
Fluorene	22,000	NA	ND(0.42)	NA	ND(3.8)
Hexachlorobenzene	1.9	NA	ND(0.42)	NA	ND(3.8)
Hexachlorobutadiene	38	NA	ND(0.42)	NA	ND(3.8)
Hexachlorocyclopentadiene	7,100	NA	ND(0.42) J	NA	ND(3.8) J
Hexachloroethane	210	NA	ND(0.42)	NA	ND(3.8)
Hexachlorophene	320	NA	ND(0.84) J	NA	ND(7.7) J
Hexachloropropene	Not Listed	NA	ND(0.42)	NA	ND(3.8)
Indeno(1,2,3-cd)pyrene	3.6	NA	0.050 J	NA	ND(3.8)
Isodrin	Not Listed	NA	ND(0.42)	NA	ND(3.8)
Isophorone	3,200	NA	ND(0.42)	NA	ND(3.8) J
Isosafrole	Not Listed	NA	ND(0.84) J	NA	ND(3.8)
Methapyrilene	190	NA	ND(0.84) J	NA	ND(3.8) J
Methyl Methanesulfonate	Not Listed	NA	ND(0.42)	NA	ND(3.8)
Naphthalene	190	NA	ND(0.42)	NA	ND(3.8)
Nitrobenzene	100	NA	ND(0.42)	NA	ND(3.8)
N-Nitrosodiethylamine	0.02	NA	ND(0.42)	NA	ND(3.8)
N-Nitrosodimethylamine	0.059	NA	ND(0.42)	NA	ND(3.8)
N-Nitroso-di-n-butylamine	0.058	NA	ND(0.84)	NA	ND(3.8)
N-Nitroso-di-n-propylamine	0.43	NA	ND(0.42)	NA	ND(3.8)
N-Nitrosodiphenylamine	610	NA	ND(0.42)	NA	ND(3.8)
N-Nitrosomethylethylamine	0.14	NA	ND(0.84)	NA	ND(3.8)
N-Nitrosomorpholine	1.4	NA	ND(0.42)	NA	ND(3.8)
N-Nitrosopiperidine	1.4	NA	ND(0.42)	NA	ND(3.8)
N-Nitrosopyrrolidine	1.4	NA	ND(0.84)	NA	ND(3.8)
o,o,o-Triethylphosphorothioate	210	NA	ND(0.42)	NA	ND(3.8)
o-Toluidine	12	NA	ND(0.42)	NA	ND(3.8)
p-Dimethylaminoazobenzene	6.7	NA	ND(0.84)	NA	ND(3.8)
Pentachlorobenzene	860	NA	ND(0.42)	NA	ND(3.8)
Pentachloroethane	6.8	NA	ND(0.42)	NA	ND(3.8)
Pentachloronitrobenzene	12	NA	ND(0.84)	NA	ND(3.8)
Pentachlorophenol	15	NA	ND(2.1)	NA	ND(19)
Phenacetin	14,000	NA	ND(0.84)	NA	ND(3.8)
Phenanthrene	190	NA	0.17 J	NA	ND(3.8)
Phenol	100,000	NA	ND(0.42)	NA	ND(3.8)
Pronamide	80,000	NA	ND(0.42)	NA	ND(3.8)
Pyrene	26,000	NA	0.20 J	NA	ND(3.8)
Pyridine	1,100	NA	ND(0.42)	NA	ND(3.8)
Safrole	Not Listed	NA	ND(0.42) J	NA	ND(3.8) J
Thionazin	6,400	NA	ND(0.42)	NA	ND(3.8)

**TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-21-SB-10 4-6 03/10/05	I9-9-21-SB-10 6-10 03/10/05	I9-9-21-SB-10 8-10 03/10/05	I9-9-21-SB-11 0-1 03/10/05
Furans					
2,3,7,8-TCDF	Not Applicable	NA	0.000014 Y	NA	0.0000096 Y
TCDFs (total)	Not Applicable	NA	0.00019	NA	0.000083
1,2,3,7,8-PeCDF	Not Applicable	NA	0.000011	NA	0.0000047 J
2,3,4,7,8-PeCDF	Not Applicable	NA	0.000034	NA	0.0000083
PeCDFs (total)	Not Applicable	NA	0.0019	NA	0.00026
1,2,3,4,7,8-HxCDF	Not Applicable	NA	0.000078	NA	0.000015
1,2,3,6,7,8-HxCDF	Not Applicable	NA	0.00014	NA	0.000019
1,2,3,7,8,9-HxCDF	Not Applicable	NA	ND(0.0000020)	NA	ND(0.0000066)
2,3,4,6,7,8-HxCDF	Not Applicable	NA	0.00026	NA	0.000025
HxCDFs (total)	Not Applicable	NA	0.0074	NA	0.00075
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	0.00071	NA	0.000081
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	0.000090	NA	0.0000099
HpCDFs (total)	Not Applicable	NA	0.0021	NA	0.00021
OCDF	Not Applicable	NA	0.00023	NA	0.000036
Dioxins					
2,3,7,8-TCDD	Not Applicable	NA	0.00000074 J	NA	ND(0.00000035)
TCDDs (total)	Not Applicable	NA	0.0000042	NA	ND(0.00000059)
1,2,3,7,8-PeCDD	Not Applicable	NA	0.0000062 J	NA	ND(0.0000013)
PeCDDs (total)	Not Applicable	NA	0.000021	NA	ND(0.0000027)
1,2,3,4,7,8-HxCDD	Not Applicable	NA	0.0000097	NA	ND(0.0000015)
1,2,3,6,7,8-HxCDD	Not Applicable	NA	0.0000076	NA	ND(0.0000026)
1,2,3,7,8,9-HxCDD	Not Applicable	NA	0.0000068	NA	ND(0.0000022)
HxCDDs (total)	Not Applicable	NA	0.00010	NA	0.000022
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	0.000080	NA	0.000022
HpCDDs (total)	Not Applicable	NA	0.00016	NA	0.000047
OCDD	Not Applicable	NA	0.00029	NA	0.00013
Total TEQs (WHO TEFs)	Not Applicable	NA	0.000085	NA	0.000014
Inorganics					
Antimony	750	NA	ND(6.00) J	NA	ND(6.00) J
Arsenic	3	NA	8.10	NA	6.70
Barium	100,000	NA	57.0	NA	56.0
Beryllium	3,400	NA	ND(0.5)	NA	ND(0.5)
Cadmium	930	NA	1.80	NA	0.800
Chromium	450	NA	16.0	NA	13.0
Cobalt	29,000	NA	9.90	NA	11.0
Copper	70,000	NA	29.0	NA	30.0
Lead	1,000	NA	71.0	NA	100
Mercury	560	NA	0.110 B	NA	0.240
Nickel	37,000	NA	18.0	NA	18.0
Selenium	9,400	NA	1.20 J	NA	1.50 J
Silver	9,400	NA	ND(1.0) J	NA	ND(1.0) J
Thallium	150	NA	ND(1.20)	NA	ND(1.20)
Tin	100,000	NA	ND(10.0)	NA	ND(12.0)
Vanadium	13,000	NA	15.0	NA	14.0
Zinc	100,000	NA	110	NA	130
Cyanide	35	NA	ND(0.250)	NA	0.200 J
Sulfide	1,200	NA	460	NA	17.0

**TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-21 AND I9-9-22 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
6. Field duplicate sample results are presented in brackets.
7. Shading indicates that value exceeds the Industrial PRGS standard.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- J - Indicates that the associated numerical value is an estimated 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 E-38
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO INDUSTRIAL SCREENING PRGs
PARCELS I9-9-21 & I9-9-22 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS**

Analytical Parameter	Maximum Detect	USEPA Region 9 Industrial PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
1,2,3-Trichloropropane	0.14	0.0031	Yes
Benzene	0.0044	1.4	No
Carbon Disulfide	0.01	1,200	No
Chlorobenzene	0.0039	180	No
Chloromethane	0.0045	2.6	No
Ethylbenzene	0.089	230	No
Isobutanol	0.63	40,000	No
Styrene	0.006	1,700	No
Toluene	0.11	520	No
Xylenes (total)	0.28	210	No
Semivolatile Organics			
1,2,4,5-Tetrachlorobenzene	0.058	320	No
1,2,4-Trichlorobenzene	0.3	1,700	No
1,3-Dichlorobenzene	0.058	140	No
1,4-Dichlorobenzene	0.23	7.3	No
2-Methylnaphthalene	31	190*	No
Acenaphthene	53	28,000	No
Acenaphthylene	3.8	190*	No
Anthracene	140	220,000	No
Benzo(a)anthracene	170	3.6	Yes
Benzo(a)pyrene	130	0.36	Yes
Benzo(b)fluoranthene	120	3.6	Yes
Benzo(g,h,i)perylene	43	190*	No
Benzo(k)fluoranthene	110	36	Yes
Chrysene	150	360	No
Dibenzo(a,h)anthracene	18	0.36	Yes
Dibenzofuran	43	3,200	No
Fluoranthene	400	37,000	No
Fluorene	66	22,000	No
Indeno(1,2,3-cd)pyrene	45	3.6	Yes
Naphthalene	130	190	No
Phenanthrene	430	190*	Yes
Phenol	0.048	100,000	No
Pyrene	310	26,000	No
Inorganics			
Arsenic	10	3	Yes
Barium	75	100,000	No
Cadmium	1.8	930	No
Chromium	16	450	No
Cobalt	11	29,000	No
Copper	1,600	70,000	No
Cyanide	0.85	35*	No
Lead	290	1,000	No
Mercury	1.3	560	No
Nickel	23	37,000	No
Selenium	7.2	9,400	No
Silver	0.16	9,400	No
Sulfide	460	1,200*	No
Tin	52	100,000	No
Vanadium	20	13,000	No
Zinc	190	100,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-39
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCELS I9-9-21 & I9-9-22: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-21-SB-6 0-1 03/10/05	I9-9-21-SB-7 0-1 03/10/05	I9-9-21-SB-11 0-1 03/10/05	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Volatile Organics							
1,2,3-Trichloropropane	0.0028	0.0029	0.0029	N/A (See Note 5)	0.0029	Not Listed	Yes*
Semivolatile Organics							
Benzo(a)anthracene	1.9	0.51	1.9	N/A (See Note 5)	1.4	40	No
Benzo(a)pyrene	1.9	0.59	1.9	N/A (See Note 5)	1.5	4	No
Benzo(b)fluoranthene	1.9	0.52	1.9	N/A (See Note 5)	1.4	40	No
Benzo(k)fluoranthene	1.9	0.52	1.9	N/A (See Note 5)	1.4	400	No
Dibenzo(a,h)anthracene	1.9	1.9	1.9	N/A (See Note 5)	1.9	4	No
Indeno(1,2,3-cd)pyrene	1.9	1.9	1.9	N/A (See Note 5)	1.9	40	No
Phenanthrene	1.9	0.45	1.9	N/A (See Note 5)	1.4	1,000	No
Dioxins/Furans							
Total TEQs (WHO TEFs)	1.40E-05	8.10E-06	1.40E-05	1.40E-05	N/A (See Note 5)	5.00E-03	No
Inorganics							
Arsenic	3.30	6.60	6.70	N/A (See Note 5)	5.53	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = 1,2,3-Trichloropropane has been retained due to a detection in the 12-14' interval and will be addressed via risk assessment.

**TABLE E-40
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCELS I9-9-21 & I9-9-22: 0- TO 3-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-21-SB-6 0-1 03/10/05	I9-9-21-SB-7 0-1 03/10/05	I9-9-21-SB-11 0-1 03/10/05	I9-9-21-SB-7 1-3 03/10/05	I9-9-21-SB-10 1-3 03/10/05
Volatile Organics					
1,2,3-Trichloropropane	0.0028	0.0029	0.0029	0.0030	0.0030
Semivolatile Organics					
Benzo(a)anthracene	1.9	0.51	1.9	1.9	28
Benzo(a)pyrene	1.9	0.59	1.9	1.7	21
Benzo(b)fluoranthene	1.9	0.52	1.9	1.3	13
Benzo(k)fluoranthene	1.9	0.52	1.9	1.5	15
Dibenzo(a,h)anthracene	1.9	1.9	1.9	0.22	2.6
Indeno(1,2,3-cd)pyrene	1.9	1.9	1.9	0.76	7.2
Phenanthrene	1.9	0.45	1.9	2.6	63
Dioxins/Furans					
Total TEQs (WHO TEFs)	1.40E-05	8.10E-06	1.40E-05	2.80E-05	1.70E-06
Inorganics					
Arsenic	3.30	6.60	6.70	7.20	7.70

	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Volatile Organics				
1,2,3-Trichloropropane	N/A (See Note 5)	0.0029	Not Listed	Yes*
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 5)	6.8	40	No
Benzo(a)pyrene	N/A (See Note 5)	5.4	4	Yes
Benzo(b)fluoranthene	N/A (See Note 5)	3.7	40	No
Benzo(k)fluoranthene	N/A (See Note 5)	4.2	400	No
Dibenzo(a,h)anthracene	N/A (See Note 5)	1.7	4	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 5)	2.7	40	No
Phenanthrene	N/A (See Note 5)	14	1,000	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	2.80E-05	N/A (See Note 5)	5.00E-03	No
Inorganics				
Arsenic	N/A (See Note 5)	6.30	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = 1,2,3-Trichloropropane has been retained due to a detection in the 12-14' interval and will be addressed via risk assessment.

TABLE E-41
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCELS I9-9-21 & I9-9-22: 1- TO 6-FOOT DEPTH INCREMENT (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-21-SB-7 1-3 03/10/05	I9-9-21-SB-10 1-3 03/10/05	I9-9-21-SB-6 3-6 03/10/05	I9-9-21-SB-10 3-6 03/10/05	Arithmetic Average Concentration (See Note 2)	MCP Method 1 S-3 GW-2/GW-3 Soil Standard (See Note 3)	Constituent Exceeds Comparison Criteria? (See Note 4)
Volatile Organics							
1,2,3-Trichloropropane	0.0030	0.0030	0.0029	0.0028	0.0029	Not Listed	Yes*
Semivolatile Organics							
Benzo(a)anthracene	1.9	28	1.7	0.19	7.9	300	No
Benzo(a)pyrene	1.7	21	1.4	0.22	6.1	30	No
Benzo(b)fluoranthene	1.3	13	1.1	0.18	3.9	300	No
Benzo(k)fluoranthene	1.5	15	1.3	0.19	4.5	3,000	No
Dibenzo(a,h)anthracene	0.22	2.6	1.1	0.20	1.0	30	No
Indeno(1,2,3-cd)pyrene	0.76	7.2	1.6	0.14	2.4	300	No
Phenanthrene	2.6	63	3.2	0.14	17	3,000	No
Inorganics							
Arsenic	7.20	7.70	4.95	9.00	7.21	20	No

Notes:

1. Each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
2. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
3. The Method 1 S-3 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent).
4. Arithmetic average concentrations of all constituents are compared to Method 1 Wave 2 Soil Standards.
5. * = 1,2,3-Trichloropropane has been retained due to a detection in the 12-14' interval and will be addressed via risk assessment.

**TABLE E-42
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCELS I9-9-21 & I9-9-22: 0- TO 15-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-21-SB-6 0-1 03/10/05	I9-9-21-SB-7 0-1 03/10/05	I9-9-21-SB-11 0-1 03/10/05	I9-9-21-SB-7 1-3 03/10/05	I9-9-21-SB-10 1-3 03/10/05	I9-9-21-SB-6 3-6 03/10/05	I9-9-21-SB-10 3-6 03/10/05	I9-9-21-SB-7 6-10 03/10/05
Volatile Organics								
1,2,3-Trichloropropane	0.0028	0.0029	0.0029	0.0030	0.0030	0.0029	0.0028	0.0029
Semivolatile Organics								
Benzo(a)anthracene	1.9	0.51	1.9	1.9	28	1.7	0.19	8.0
Benzo(a)pyrene	1.9	0.59	1.9	1.7	21	1.4	0.22	7.0
Benzo(b)fluoranthene	1.9	0.52	1.9	1.3	13	1.1	0.18	6.3
Benzo(k)fluoranthene	1.9	0.52	1.9	1.5	15	1.3	0.19	6.8
Dibenzo(a,h)anthracene	1.9	1.9	1.9	0.22	2.6	1.1	0.20	1.1
Indeno(1,2,3-cd)pyrene	1.9	1.9	1.9	0.76	7.2	1.6	0.14	3.7
Phenanthrene	1.9	0.45	1.9	2.6	63	3.2	0.14	17
Dioxins/Furans								
Total TEQs (WHO TEFs)	(See Note 7)	(See Note 7)	(See Note 7)	2.80E-05	1.70E-06	3.10E-05	1.20E-05	1.00E-04
Inorganics								
Arsenic	3.30	6.60	6.70	7.20	7.70	4.95	9.00	6.70

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-21-SB-10 6-10 03/10/05	I9-9-21-SB-6 10-15 03/10/05	I9-9-21-SB-7 10-15 03/10/05	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-3 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Volatile Organics							
1,2,3-Trichloropropane	0.0032	0.0060	0.14	N/A (See Note 6)	0.016	Not Listed	Yes*
Semivolatile Organics							
Benzo(a)anthracene	0.10	170	0.47	N/A (See Note 5)	20	300	No
Benzo(a)pyrene	0.10	130	0.52	N/A (See Note 5)	15	30	No
Benzo(b)fluoranthene	0.076	120	0.36	N/A (See Note 5)	13	300	No
Benzo(k)fluoranthene	0.097	110	0.46	N/A (See Note 5)	13	3,000	No
Dibenzo(a,h)anthracene	0.21	18	0.086	N/A (See Note 5)	2.7	30	No
Indeno(1,2,3-cd)pyrene	0.050	45	0.26	N/A (See Note 5)	5.9	300	No
Phenanthrene	0.17	430	0.46	N/A (See Note 5)	47	3,000	No
Dioxins/Furans							
Total TEQs (WHO TEFs)	8.50E-05	5.30E-04	5.30E-05	5.30E-04	N/A (See Note 5)	2.00E-02	No
Inorganics							
Arsenic	8.10	6.10	6.10	N/A (See Note 5)	6.59	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-3 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
- Total TEQs were evaluated in the 1- to 15-foot depth increment only.
- * = 1,2,3-Trichloropropane has been retained due to a detection in the 12-14' interval and will be addressed via risk assessment.

ARCADIS

Parcel I9-9-23 (bank)

**TABLE E-43
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-23 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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): Date Collected:	EPA Region 9 Residential PRGs	I9-9-23-SB-1 0-1 06/27/03	I9-9-23-SB-1 1-3 06/27/03	I9-9-23-SB-3 0-1 06/27/03	I9-9-23-SB-3 1-3 06/27/03
Parameter					
Volatile Organics					
1,1,1,2-Tetrachloroethane	2.8	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
1,1,1-Trichloroethane	680	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
1,1,2,2-Tetrachloroethane	0.36	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
1,1,2-Trichloroethane	0.82	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
1,1-Dichloroethane	570	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
1,1-Dichloroethene	0.052	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
1,2,3-Trichloropropane	0.0014	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
1,2-Dibromo-3-chloropropane	0.32	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
1,2-Dibromoethane	0.0049	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
1,2-Dichloroethane	0.34	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
1,2-Dichloropropane	0.34	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
1,4-Dioxane	40	ND(0.12) J	ND(0.12) J	ND(0.10) J	ND(0.11) J
2-Butanone	6,900	ND(0.012)	ND(0.012)	ND(0.010)	ND(0.011)
2-Chloro-1,3-butadiene	3.6	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
2-Chloroethylvinylether	0.18	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
2-Hexanone	750	ND(0.012)	ND(0.012)	ND(0.010)	ND(0.011)
3-Chloropropene	2,700	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
4-Methyl-2-pentanone	750	ND(0.012)	ND(0.012)	ND(0.010)	ND(0.011)
Acetone	1,400	ND(0.024)	ND(0.023)	ND(0.021)	ND(0.022)
Acetonitrile	200	ND(0.12) J	ND(0.12) J	ND(0.10) J	ND(0.11) J
Acrolein	0.1	ND(0.12) J	ND(0.12) J	ND(0.10) J	ND(0.11) J
Acrylonitrile	0.19	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Benzene	0.62	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Bromodichloromethane	0.98	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Bromoform	56	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Bromomethane	3.8	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Carbon Disulfide	350	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Carbon Tetrachloride	0.23	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Chlorobenzene	54	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Chloroethane	1,600	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Chloroform	0.24	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Chloromethane	1.2	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
cis-1,3-Dichloropropene	Not Listed	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Dibromochloromethane	5.3	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Dibromomethane	550	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Dichlorodifluoromethane	94	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Ethyl Methacrylate	140	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Ethylbenzene	230	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Iodomethane	1.2	ND(0.0060) J	ND(0.0058) J	ND(0.0052) J	ND(0.0056) J
Isobutanol	10,000	ND(0.12) J	ND(0.12) J	ND(0.10) J	ND(0.11) J
Methacrylonitrile	1.8	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Methyl Methacrylate	2,200	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Methylene Chloride	8.5	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Propionitrile	200	ND(0.012)	ND(0.012)	ND(0.010)	ND(0.011)
Styrene	1,700	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Tetrachloroethene	4.7	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Toluene	520	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
trans-1,2-Dichloroethene	62	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
trans-1,3-Dichloropropene	Not Listed	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
trans-1,4-Dichloro-2-butene	Not Listed	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Trichloroethene	2.7	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Trichlorofluoromethane	380	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Vinyl Acetate	420	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Vinyl Chloride	0.021	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Xylenes (total)	210	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)

**TABLE E-43
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-23 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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): Date Collected:	EPA Region 9 Residential PRGs	I9-9-23-SB-1 0-1 06/27/03	I9-9-23-SB-1 1-3 06/27/03	I9-9-23-SB-3 0-1 06/27/03	I9-9-23-SB-3 1-3 06/27/03
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	16	ND(0.40) J	ND(0.38) J	ND(0.35) J	ND(0.44) J
1,2,4-Trichlorobenzene	480	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
1,2-Dichlorobenzene	370	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
1,2-Diphenylhydrazine	0.56	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
1,3,5-Trinitrobenzene	1,600	ND(0.40) J	ND(0.38) J	ND(0.35) J	ND(0.44) J
1,3-Dichlorobenzene	41	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
1,3-Dinitrobenzene	5.5	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
1,4-Dichlorobenzene	3	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
1,4-Naphthoquinone	55	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
1-Naphthylamine	Not Listed	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
2,3,4,6-Tetrachlorophenol	1,600	ND(0.40) J	ND(0.38) J	ND(0.35) J	ND(0.44) J
2,4,5-Trichlorophenol	5,500	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
2,4,6-Trichlorophenol	40	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
2,4-Dichlorophenol	160	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
2,4-Dimethylphenol	1,100	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
2,4-Dinitrophenol	110	ND(2.0) J	ND(2.0) J	ND(1.8) J	ND(2.2) J
2,4-Dinitrotoluene	110	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
2,6-Dichlorophenol	160	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
2,6-Dinitrotoluene	55	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
2-Acetylaminofluorene	0.56	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
2-Chloronaphthalene	3,700	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
2-Chlorophenol	59	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
2-Methylnaphthalene	55	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
2-Methylphenol	2,700	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
2-Naphthylamine	Not Listed	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
2-Nitroaniline	3.3	ND(2.0)	ND(2.0)	ND(1.8)	ND(2.2)
2-Nitrophenol	Not Listed	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
2-Picoline	55	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
3&4-Methylphenol	270	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
3,3'-Dichlorobenzidine	0.99	ND(0.80) J	ND(0.77) J	ND(0.70) J	ND(0.88) J
3,3'-Dimethylbenzidine	0.048	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
3-Methylcholanthrene	0.056	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
3-Nitroaniline	5.5	ND(2.0)	ND(2.0)	ND(1.8)	ND(2.2)
4,6-Dinitro-2-methylphenol	55	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
4-Aminobiphenyl	1,400	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
4-Bromophenyl-phenylether	160	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
4-Chloro-3-Methylphenol	2,700	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
4-Chloroaniline	220	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
4-Chlorobenzilate	1.6	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
4-Chlorophenyl-phenylether	Not Listed	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
4-Nitroaniline	5.5	ND(2.0) J	ND(2.0) J	ND(1.8) J	ND(1.9) J
4-Nitrophenol	3,400	ND(2.0) J	ND(2.0) J	ND(1.8) J	ND(2.2) J
4-Nitroquinoline-1-oxide	110	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
4-Phenylenediamine	10,000	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
5-Nitro-o-toluidine	13	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
7,12-Dimethylbenz(a)anthracene	0.056	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
a,a'-Dimethylphenethylamine	55	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
Acenaphthene	2,600	ND(0.40)	0.28 J	ND(0.35)	0.13 J
Acenaphthylene	55	ND(0.40)	0.088 J	ND(0.35)	ND(0.44)
Acetophenone	0.49	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Aniline	78	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Anthracene	14,000	ND(0.40)	0.096 J	ND(0.35)	ND(0.44)
Aramite	18	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
Benzidine	0.0019	ND(0.80) J	ND(0.77) J	ND(0.70) J	ND(0.88) J
Benzo(a)anthracene	0.56	ND(0.40)	0.36 J	0.085 J	ND(0.44)
Benzo(a)pyrene	0.056	ND(0.40)	0.34 J	0.11 J	ND(0.44)
Benzo(b)fluoranthene	0.56	ND(0.40)	0.28 J	0.090 J	ND(0.44)
Benzo(g,h,i)perylene	55	ND(0.40)	0.21 J	0.088 J	ND(0.44)

TABLE E-43
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-23 (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN 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): Date Collected:	EPA Region 9 Residential PRGs	I9-9-23-SB-1 0-1 06/27/03	I9-9-23-SB-1 1-3 06/27/03	I9-9-23-SB-3 0-1 06/27/03	I9-9-23-SB-3 1-3 06/27/03
Benzo(k)fluoranthene	5.6	ND(0.40)	0.24 J	0.10 J	ND(0.44)
Benzyl Alcohol	16,000	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.88)
Semivolatile Organics (continued)					
bis(2-Chloroethoxy)methane	Not Listed	ND(0.40) J	ND(0.38) J	ND(0.35) J	ND(0.44) J
bis(2-Chloroethyl)ether	0.18	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
bis(2-Chloroisopropyl)ether	2.5	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
bis(2-Ethylhexyl)phthalate	32	0.51	0.70	ND(0.34)	ND(0.37)
Butylbenzylphthalate	930	ND(0.40)	0.58	ND(0.35)	ND(0.44)
Chrysene	56	ND(0.40)	0.35 J	0.12 J	ND(0.44)
Diallate	7.3	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
Dibenzo(a,h)anthracene	0.056	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Dibenzofuran	210	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Diethylphthalate	44,000	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Dimethylphthalate	100,000	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Di-n-Butylphthalate	5,500	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Di-n-Octylphthalate	1,100	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Diphenylamine	1,400	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Ethyl Methanesulfonate	Not Listed	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Fluoranthene	2,000	ND(0.40)	0.66	0.16 J	0.12 J
Fluorene	1,800	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Hexachlorobenzene	0.28	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Hexachlorobutadiene	5.7	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Hexachlorocyclopentadiene	380	ND(0.40) J	ND(0.38) J	ND(0.35) J	ND(0.44) J
Hexachloroethane	32	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Hexachlorophene	16	ND(0.80) J	ND(0.77) J	ND(0.70) J	ND(0.88) J
Hexachloropropene	Not Listed	ND(0.40) J	ND(0.38) J	ND(0.35) J	ND(0.44) J
Indeno(1,2,3-cd)pyrene	0.56	ND(0.40)	0.19 J	ND(0.35)	ND(0.44)
Isodrin	Not Listed	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Isophorone	470	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Isosafrole	Not Listed	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
Methapyrilene	55	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
Methyl Methanesulfonate	Not Listed	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Naphthalene	55	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Nitrobenzene	16	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
N-Nitrosodiethylamine	0.003	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
N-Nitrosodimethylamine	0.0087	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
N-Nitroso-di-n-butylamine	0.022	ND(0.80) J	ND(0.77) J	ND(0.70) J	ND(0.75) J
N-Nitroso-di-n-propylamine	0.063	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
N-Nitrosodiphenylamine	91	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
N-Nitrosomethylethylamine	0.02	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
N-Nitrosomorpholine	0.21	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
N-Nitrosopiperidine	0.21	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
N-Nitrosopyrrolidine	0.21	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
o,o,o-Triethylphosphorothioate	11	ND(0.40) J	ND(0.38) J	ND(0.35) J	ND(0.44) J
o-Toluidine	1.9	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
p-Dimethylaminoazobenzene	0.99	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
Pentachlorobenzene	44	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Pentachloroethane	2.8	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Pentachloronitrobenzene	1.7	ND(0.80) J	ND(0.77) J	ND(0.70) J	ND(0.75) J
Pentachlorophenol	2.5	ND(2.0)	ND(2.0)	ND(1.8)	ND(2.2)
Phenacetin	640	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
Phenanthrene	55	ND(0.40)	0.25 J	ND(0.35)	ND(0.44)
Phenol	33,000	0.44	ND(0.38)	0.081 J	ND(0.44)
Pronamide	4,100	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Pyrene	1,500	0.098 J	0.61	0.18 J	0.11 J
Pyridine	55	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Safrole	Not Listed	ND(0.40) J	ND(0.38) J	ND(0.35) J	ND(0.44) J
Thionazin	330	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)

**TABLE E-43
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-23 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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): Date Collected:	EPA Region 9 Residential PRGs	I9-9-23-SB-1 0-1 06/27/03	I9-9-23-SB-1 1-3 06/27/03	I9-9-23-SB-3 0-1 06/27/03	I9-9-23-SB-3 1-3 06/27/03
Furans					
2,3,7,8-TCDF	Not Applicable	ND(0.000041)	ND(0.000030)	ND(0.000043)	ND(0.000029)
TCDFs (total)	Not Applicable	0.00086 J	ND(0.000030)	ND(0.000043)	ND(0.000029)
1,2,3,7,8-PeCDF	Not Applicable	ND(0.000071)	ND(0.000044)	ND(0.000058)	ND(0.000051)
2,3,4,7,8-PeCDF	Not Applicable	ND(0.000074)	ND(0.000046)	ND(0.000061)	ND(0.000053)
PeCDFs (total)	Not Applicable	0.00079 J	0.00061 J	0.00030 J	0.00031
1,2,3,4,7,8-HxCDF	Not Applicable	ND(0.000048)	ND(0.000033)	0.000087	ND(0.000034)
1,2,3,6,7,8-HxCDF	Not Applicable	0.000056 IJ	0.000051 IJ	0.000028 IJ	0.000037 IJ
1,2,3,7,8,9-HxCDF	Not Applicable	ND(0.000066) J	ND(0.000045) J	ND(0.000058) J	ND(0.000047) J
2,3,4,6,7,8-HxCDF	Not Applicable	ND(0.000059) J	ND(0.000040) J	ND(0.000052) J	ND(0.000042) J
HxCDFs (total)	Not Applicable	0.00051 J	0.00016 J	0.000078 J	0.000085 J
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.000039 J	0.000041 J	0.000066 J	0.000014 J
1,2,3,4,7,8,9-HpCDF	Not Applicable	ND(0.000054)	0.000089 J	0.000023 J	ND(0.000044) J
HpCDFs (total)	Not Applicable	0.00020 J	0.00011 J	0.00014 J	0.000031 J
OCDF	Not Applicable	0.00015 J	0.00014 J	0.00042 J	0.000053 J
Dioxins					
2,3,7,8-TCDD	Not Applicable	ND(0.000058)	ND(0.000036)	ND(0.000050)	ND(0.000038)
TCDDs (total)	Not Applicable	ND(0.000058)	ND(0.000036)	ND(0.000050)	ND(0.000038)
1,2,3,7,8-PeCDD	Not Applicable	ND(0.000091)	ND(0.000051)	ND(0.000083)	ND(0.000066)
PeCDDs (total)	Not Applicable	ND(0.000091)	ND(0.000051)	ND(0.000083)	ND(0.000066)
1,2,3,4,7,8-HxCDD	Not Applicable	ND(0.000074)	ND(0.000050)	ND(0.000068)	ND(0.000055)
1,2,3,6,7,8-HxCDD	Not Applicable	0.000088 J	0.000083 J	ND(0.000054)	ND(0.000044)
1,2,3,7,8,9-HxCDD	Not Applicable	ND(0.000062)	ND(0.000042)	ND(0.000056)	ND(0.000046)
HxCDDs (total)	Not Applicable	0.000034 J	0.000037 J	ND(0.000054)	ND(0.000044)
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.00010 J	0.000082 J	0.000076 J	0.000030 J
HpCDDs (total)	Not Applicable	0.00010 J	0.00014 J	0.00014 J	0.000056 J
OCDD	Not Applicable	0.00093 J	0.00059 J	0.00071 J	0.00024 J
Total TEQs (WHO TEFs)	Not Applicable	0.000019	0.000014	0.000015	0.000012
Inorganics					
Antimony	30	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	0.38	6.70	6.40	5.00	11.0
Barium	5,200	46.0	43.0	35.0	62.0
Beryllium	150	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
Cadmium	37	0.870	0.770	0.560	2.60
Chromium	210	8.00	8.50	5.60	9.40
Cobalt	3,300	8.10	8.70	5.10	9.40
Copper	2,800	29.0	31.0	22.0	36.0
Cyanide	11	0.180	0.0990 B	0.0740 B	0.110 B
Lead	400	73.0	66.0	47.0	98.0
Mercury	22	0.150	0.170	0.360	0.170
Nickel	1,500	14.0	16.0	10.0	16.0
Selenium	370	ND(1.00) J	ND(1.00) J	ND(1.00) J	ND(1.00) J
Silver	370	ND(1.00)	ND(1.00)	ND(1.00)	0.190 B
Sulfide	350	7.70	ND(5.80)	6.70	7.20
Thallium	6	ND(1.20) J	ND(1.20) J	ND(1.00) J	ND(1.10) J
Tin	45,000	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium	520	9.40	8.50	5.20	11.0
Zinc	22,000	96.0	85.0	86.0	510

**TABLE E-43
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-23 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSF/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- J - Estimated Value.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.

Inorganics

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

**TABLE E-44
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
PARCEL I9-9-23 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS**

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Semivolatile Organics			
Acenaphthene	0.28	2,600	No
Acenaphthylene	0.088	55*	No
Anthracene	0.096	14,000	No
Benzo(a)anthracene	0.36	0.56	No
Benzo(a)pyrene	0.34	0.056	Yes
Benzo(b)fluoranthene	0.28	0.56	No
Benzo(g,h,i)perylene	0.21	55*	No
Benzo(k)fluoranthene	0.24	5.6	No
bis(2-Ethylhexyl)phthalate	0.7	32	No
Butylbenzylphthalate	0.58	930	No
Chrysene	0.35	56	No
Fluoranthene	0.66	2,000	No
Indeno(1,2,3-cd)pyrene	0.19	0.56	No
Phenanthrene	0.25	55*	No
Phenol	0.44	33,000	No
Pyrene	0.61	1,500	No
Inorganics			
Arsenic	11	0.38	Yes
Barium	62	5,200	No
Cadmium	2.6	37	No
Chromium	9.4	210	No
Cobalt	9.4	3,300	No
Copper	36	2,800	No
Cyanide	0.18	11*	No
Lead	98	400	No
Mercury	0.36	22	No
Nickel	16.0	1,500	No
Silver	0.19	370	No
Sulfide	7.7	350*	No
Vanadium	11	520	No
Zinc	510	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

**TABLE E-45
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-23: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-23-SB-1 0-1 06/27/03	I9-9-23-SB-3 0-1 06/27/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)pyrene	0.20	0.11	N/A (See Note 5)	0.16	2	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.90E-05	1.50E-05	1.90E-05	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	6.70	5.00	N/A (See Note 5)	5.85	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-46
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-23: 1- TO X-FOOT [X=3] DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-23-SB-1 1-3 06/27/03	I9-9-23-SB-3 1-3 06/27/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)pyrene	0.34	0.22	N/A (See Note 5)	0.28	2	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.40E-05	1.20E-05	1.40E-05	N/A (See Note 5)	1.50E-03	No
Inorganics						
Arsenic	6.40	11.0	N/A (See Note 5)	8.70	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

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Parcel I9-9-24 (bank and non-bank)

**TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-24 (BANK AND NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-5 Bottom Bank SLB-5-BB 0-0.5 01/19/95	PDI I9-9-24-SB-1 I9-9-24-SB-1 0-1 07/01/03	PDI I9-9-24-SB-1 I9-9-24-SB-1 1-3 07/01/03
Volatile Organics					
1,1,1,2-Tetrachloroethane		2.8	NA	ND(0.0070)	ND(0.0066)
1,1,1-Trichloroethane		680	NA	ND(0.0070)	ND(0.0066)
1,1,2,2-Tetrachloroethane		0.36	NA	ND(0.0070)	ND(0.0066)
1,1,2-Trichloroethane		0.82	NA	ND(0.0070)	ND(0.0066)
1,1-Dichloroethane		570	NA	ND(0.0070)	ND(0.0066)
1,1-Dichloroethene		0.052	NA	ND(0.0070)	ND(0.0066)
1,2,3-Trichloropropane		0.0014	NA	ND(0.0070)	ND(0.0066)
1,2-Dibromo-3-chloropropane		0.32	NA	ND(0.0070)	ND(0.0066)
1,2-Dibromoethane		0.0049	NA	ND(0.0070)	ND(0.0066)
1,2-Dichloroethane		0.34	NA	ND(0.0070)	ND(0.0066)
1,2-Dichloropropane		0.34	NA	ND(0.0070)	ND(0.0066)
1,4-Dioxane		40	NA	ND(0.14) J	ND(0.13) J
2-Butanone		6,900	NA	ND(0.014)	ND(0.013)
2-Chloro-1,3-butadiene		3.6	NA	ND(0.0070)	ND(0.0066)
2-Chloroethylvinylether		0.18	NA	ND(0.0070)	ND(0.0066)
2-Hexanone		750	NA	ND(0.014)	ND(0.013)
3-Chloropropene		2,700	NA	ND(0.0070)	ND(0.0066)
4-Methyl-2-pentanone		750	NA	ND(0.014)	ND(0.013)
Acetone		1,400	NA	ND(0.028)	ND(0.026)
Acetonitrile		200	NA	ND(0.14) J	ND(0.13) J
Acrolein		0.1	NA	ND(0.14) J	ND(0.13) J
Acrylonitrile		0.19	NA	ND(0.0070) J	ND(0.0066) J
Benzene		0.62	NA	ND(0.0070)	ND(0.0066)
Bromodichloromethane		0.98	NA	ND(0.0070)	ND(0.0066)
Bromoform		56	NA	ND(0.0070)	ND(0.0066)
Bromomethane		3.8	NA	ND(0.0070)	ND(0.0066)
Carbon Disulfide		350	NA	ND(0.0070) J	ND(0.0066) J
Carbon Tetrachloride		0.23	NA	ND(0.0070)	ND(0.0066)
Chlorobenzene		54	NA	ND(0.0070)	ND(0.0066)
Chloroethane		1,600	NA	ND(0.0070)	ND(0.0066)
Chloroform		0.24	NA	ND(0.0070)	ND(0.0066)
Chloromethane		1.2	NA	ND(0.0070)	ND(0.0066)
cis-1,3-Dichloropropene		Not Listed	NA	ND(0.0070)	ND(0.0066)
Dibromochloromethane		5.3	NA	ND(0.0070)	ND(0.0066)
Dibromomethane		550	NA	ND(0.0070)	ND(0.0066)
Dichlorodifluoromethane		94	NA	ND(0.0070)	ND(0.0066)
Ethyl Methacrylate		140	NA	ND(0.0070)	ND(0.0066)
Ethylbenzene		230	NA	ND(0.0070)	ND(0.0066)
Iodomethane		1.2	NA	ND(0.0070) J	ND(0.0066) J
Isobutanol		10,000	NA	ND(0.14) J	ND(0.13) J
Methacrylonitrile		1.8	NA	ND(0.0070)	ND(0.0066)
Methyl Methacrylate		2,200	NA	ND(0.0070)	ND(0.0066)
Methylene Chloride		8.5	NA	ND(0.0070)	ND(0.0066)
Propionitrile		200	NA	ND(0.014)	ND(0.013)
Styrene		1,700	NA	ND(0.0070)	ND(0.0066)
Tetrachloroethene		4.7	NA	ND(0.0070)	ND(0.0066)
Toluene		520	NA	ND(0.0070)	ND(0.0066)
trans-1,2-Dichloroethene		62	NA	ND(0.0070)	ND(0.0066)
trans-1,3-Dichloropropene		Not Listed	NA	ND(0.0070)	ND(0.0066)
trans-1,4-Dichloro-2-butene		Not Listed	NA	ND(0.0070)	ND(0.0066)
Trichloroethene		2.7	NA	ND(0.0070)	ND(0.0066)
Trichlorofluoromethane		380	NA	ND(0.0070)	ND(0.0066)
Vinyl Acetate		420	NA	ND(0.0070)	ND(0.0066)
Vinyl Chloride		0.021	NA	ND(0.0070)	ND(0.0066)
Xylenes (total)		210	NA	ND(0.0070)	ND(0.0066)

**TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-24 (BANK AND NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-5 Bottom Bank SLB-5-BB 0-0.5 01/19/95	PDI I9-9-24-SB-1 I9-9-24-SB-1 0-1 07/01/03	PDI I9-9-24-SB-1 I9-9-24-SB-1 1-3 07/01/03
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		16	ND(0.38)	ND(0.60)	ND(0.44)
1,2,4-Trichlorobenzene		480	ND(0.38)	ND(0.60)	ND(0.44)
1,2-Dichlorobenzene		370	ND(0.38)	ND(0.60)	ND(0.44)
1,2-Diphenylhydrazine		0.56	ND(0.38)	ND(0.60)	ND(0.44)
1,3,5-Trinitrobenzene		1,600	ND(0.38)	ND(0.60)	ND(0.44)
1,3-Dichlorobenzene		41	ND(0.38)	ND(0.60)	ND(0.44)
1,3-Dinitrobenzene		5.5	ND(0.38)	ND(0.94)	ND(0.88)
1,4-Dichlorobenzene		3	ND(0.38)	ND(0.60)	ND(0.44)
1,4-Naphthoquinone		55	ND(0.38)	ND(0.94)	ND(0.88)
1-Naphthylamine		Not Listed	ND(4.6)	ND(0.94)	ND(0.88)
2,3,4,6-Tetrachlorophenol		1,600	ND(0.38)	ND(0.60)	ND(0.44)
2,4,5-Trichlorophenol		5,500	ND(1.8)	ND(0.60)	ND(0.44)
2,4,6-Trichlorophenol		40	ND(0.38)	ND(0.60)	ND(0.44)
2,4-Dichlorophenol		160	ND(0.38)	ND(0.60)	ND(0.44)
2,4-Dimethylphenol		1,100	NA	ND(0.60)	ND(0.44)
2,4-Dinitrophenol		110	ND(1.8)	ND(3.0) J	ND(2.2) J
2,4-Dinitrotoluene		110	ND(0.38)	ND(0.60)	ND(0.44)
2,6-Dichlorophenol		160	ND(0.38)	ND(0.60)	ND(0.44)
2,6-Dinitrotoluene		55	ND(0.38)	ND(0.60)	ND(0.44)
2-Acetylaminofluorene		0.56	ND(0.38)	ND(0.94)	ND(0.88)
2-Chloronaphthalene		3,700	ND(0.38)	ND(0.60)	ND(0.44)
2-Chlorophenol		59	ND(0.38)	ND(0.60)	ND(0.44)
2-Methylnaphthalene		55	ND(0.38)	ND(0.60)	ND(0.44)
2-Methylphenol		2,700	ND(0.38)	ND(0.60)	ND(0.44)
2-Naphthylamine		Not Listed	ND(6.5)	ND(0.94)	ND(0.88)
2-Nitroaniline		3.3	ND(1.8)	ND(3.0)	ND(2.2)
2-Nitrophenol		Not Listed	ND(0.38)	ND(0.94)	ND(0.88)
2-Picoline		55	ND(2.7)	ND(0.60)	ND(0.44)
3&4-Methylphenol		270	ND(0.38)	ND(0.94)	ND(0.88)
3,3'-Dichlorobenzidine		0.99	ND(0.76)	ND(1.2)	ND(0.88)
3,3'-Dimethylbenzidine		0.048	ND(3.1)	ND(0.60)	ND(0.44)
3-Methylcholanthrene		0.056	ND(1.2)	ND(0.94)	ND(0.88)
3-Nitroaniline		5.5	ND(1.8)	ND(3.0)	ND(2.2)
4,6-Dinitro-2-methylphenol		55	ND(1.8)	ND(0.60)	ND(0.44)
4-Aminobiphenyl		1,400	ND(1.9)	ND(0.94)	ND(0.88)
4-Bromophenyl-phenylether		160	ND(0.38)	ND(0.60)	ND(0.44)
4-Chloro-3-Methylphenol		2,700	ND(0.38)	ND(0.60)	ND(0.44)
4-Chloroaniline		220	ND(0.38)	ND(0.60)	ND(0.44)
4-Chlorobenzilate		1.6	ND(0.38)	ND(0.94)	ND(0.88)
4-Chlorophenyl-phenylether		Not Listed	ND(0.38)	ND(0.60)	ND(0.44)
4-Methylphenol		270	ND(0.38)	NA	NA
4-Nitroaniline		5.5	ND(1.8)	ND(2.4)	ND(2.2)
4-Nitrophenol		3,400	ND(1.8)	ND(3.0) J	ND(2.2) J
4-Nitroquinoline-1-oxide		110	ND(0.38)	ND(0.94)	ND(0.88)
4-Phenylenediamine		10,000	ND(1.9)	ND(0.94)	ND(0.88)
5-Nitro-o-toluidine		13	ND(0.77)	ND(0.94)	ND(0.88)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.77)	ND(0.94)	ND(0.88)
a,a'-Dimethylphenethylamine		55	ND(0.38)	ND(0.94)	ND(0.88)
Acenaphthene		2,600	ND(0.38)	ND(0.60)	ND(0.44)
Acenaphthylene		55	ND(0.38)	ND(0.60)	ND(0.44)
Acetophenone		0.49	ND(0.38)	ND(0.60)	ND(0.44)
Aniline		78	ND(0.38)	ND(0.60)	ND(0.44)
Anthracene		14,000	ND(0.38)	ND(0.60)	ND(0.44)
Aramite		18	ND(0.38)	ND(0.94)	ND(0.88)
Benzidine		0.0019	ND(1.9)	ND(1.2)	ND(0.88)
Benzo(a)anthracene		0.56	ND(0.38)	0.26 J	ND(0.44)
Benzo(a)pyrene		0.056	ND(0.38)	0.31 J	ND(0.44)
Benzo(b)fluoranthene		0.56	ND(0.38)	0.21 J	ND(0.44)
Benzo(g,h,i)perylene		55	ND(0.38)	ND(0.60)	ND(0.44)

**TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-24 (BANK AND NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-5 Bottom Bank SLB-5-BB 0-0.5 01/19/95	PDI I9-9-24-SB-1 I9-9-24-SB-1 0-1 07/01/03	PDI I9-9-24-SB-1 I9-9-24-SB-1 1-3 07/01/03
Semivolatile Organics (continued)					
Benzo(k)fluoranthene		5.6	ND(0.38)	0.25 J	ND(0.44)
Benzoic Acid		100,000	ND(1.8)	NA	NA
Benzyl Alcohol		16,000	ND(0.38)	ND(1.2)	ND(0.88)
bis(2-Chloroethoxy)methane		Not Listed	ND(0.38)	ND(0.60)	ND(0.44)
bis(2-Chloroethyl)ether		0.18	ND(0.38)	ND(0.60) J	ND(0.44) J
bis(2-Chloroisopropyl)ether		2.5	ND(0.38)	ND(0.60)	ND(0.44)
bis(2-Ethylhexyl)phthalate		32	ND(0.38)	ND(0.46)	ND(0.44)
Butylbenzylphthalate		930	ND(0.38)	ND(0.60)	ND(0.44)
Chrysene		56	ND(0.38)	0.35 J	ND(0.44)
Diallylate		7.3	ND(0.38)	ND(0.94)	ND(0.88)
Dibenzo(a,h)anthracene		0.056	ND(0.38)	ND(0.60)	ND(0.44)
Dibenzofuran		210	ND(0.38)	ND(0.60)	ND(0.44)
Diethylphthalate		44,000	ND(0.38)	ND(0.60)	ND(0.44)
Dimethylphthalate		100,000	ND(0.38)	ND(0.60)	ND(0.44)
Di-n-Butylphthalate		5,500	0.087 JB	ND(0.60)	ND(0.44)
Di-n-Octylphthalate		1,100	ND(0.38)	ND(0.60)	ND(0.44)
Dinoseb		55	ND(0.77)	NA	NA
Diphenylamine		1,400	ND(0.38)	ND(0.60)	ND(0.44)
Ethyl Methacrylate		140	ND(0.77)	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(0.38)	ND(0.60)	ND(0.44)
Fluoranthene		2,000	ND(0.38)	0.64	ND(0.44)
Fluorene		1,800	ND(0.38)	ND(0.60)	ND(0.44)
Hexachlorobenzene		0.28	ND(0.38)	ND(0.60)	ND(0.44)
Hexachlorobutadiene		5.7	ND(0.38)	ND(0.60)	ND(0.44)
Hexachlorocyclopentadiene		380	ND(0.38)	ND(0.60) J	ND(0.44) J
Hexachloroethane		32	ND(0.38)	ND(0.60)	ND(0.44)
Hexachlorophene		16	ND(1.9)	ND(1.2) J	ND(0.88) J
Hexachloropropene		Not Listed	ND(0.77)	ND(0.60)	ND(0.44)
Indeno(1,2,3-cd)pyrene		0.56	ND(0.38)	0.21 J	ND(0.44)
Isodrin		Not Listed	ND(0.38)	ND(0.60)	ND(0.44)
Isophorone		470	ND(0.38)	ND(0.60)	ND(0.44)
Isosafrole		Not Listed	ND(0.38)	ND(0.94)	ND(0.88)
Methapyrilene		55	ND(1.5)	ND(0.94)	ND(0.88)
Methyl Methanesulfonate		Not Listed	ND(0.38)	ND(0.60)	ND(0.44)
Naphthalene		55	ND(0.38)	ND(0.60)	ND(0.44)
Nitrobenzene		16	ND(0.38)	ND(0.60)	ND(0.44)
N-Nitrosodiethylamine		0.003	ND(0.38)	ND(0.60)	ND(0.44)
N-Nitrosodimethylamine		0.0087	ND(0.38)	ND(0.60)	ND(0.44)
N-Nitroso-di-n-butylamine		0.022	ND(0.77)	ND(0.94)	ND(0.88)
N-Nitroso-di-n-propylamine		0.063	ND(0.38)	ND(0.60)	ND(0.44)
N-Nitrosodiphenylamine		91	ND(0.38)	ND(0.60)	ND(0.44)
N-Nitrosomethylethylamine		0.02	ND(0.38)	ND(0.94)	ND(0.88)
N-Nitrosomorpholine		0.21	ND(0.38)	ND(0.60)	ND(0.44)
N-Nitrosopiperidine		0.21	ND(0.38)	ND(0.60)	ND(0.44)
N-Nitrosopyrrolidine		0.21	ND(0.38)	ND(0.94)	ND(0.88)
o,o,o-Triethylphosphorothioate		11	ND(0.38)	ND(0.60)	ND(0.44)
o-Toluidine		1.9	ND(0.38)	ND(0.60)	ND(0.44)
p-Dimethylaminoazobenzene		0.99	ND(1.2)	ND(0.94)	ND(0.88)
Pentachlorobenzene		44	ND(0.77)	ND(0.60)	ND(0.44)
Pentachloroethane		2.8	ND(0.77)	ND(0.60)	ND(0.44)
Pentachloronitrobenzene		1.7	ND(0.77)	ND(0.94) J	ND(0.88) J
Pentachlorophenol		2.5	ND(1.8)	ND(3.0)	ND(2.2)
Phenacetin		640	ND(0.38)	ND(0.94)	ND(0.88)
Phenanthrene		55	ND(0.38)	0.34 J	ND(0.44)
Phenol		33,000	ND(0.38)	ND(0.60)	ND(0.44)
Pronamide		4,100	ND(1.2)	ND(0.60)	ND(0.44)
Pyrene		1,500	ND(0.38)	0.61	0.16 J

**TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-24 (BANK AND NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-5 Bottom Bank SLB-5-BB 0-0.5 01/19/95	PDI I9-9-24-SB-1 I9-9-24-SB-1 0-1 07/01/03	PDI I9-9-24-SB-1 I9-9-24-SB-1 1-3 07/01/03
Semivolatile Organics (continued)					
Pyridine		55	ND(0.38)	ND(0.60)	ND(0.44)
Safole		Not Listed	ND(0.38)	ND(0.60) J	ND(0.44) J
Sulfotep		27	ND(0.38)	NA	NA
Thionazin		330	ND(0.38)	ND(0.60)	ND(0.44)
Furans					
2,3,7,8-TCDF		Not Applicable	0.000012 YJ	0.000079 YI	0.000086 YI
TCDFs (total)		Not Applicable	0.000011	0.00002	0.00002
1,2,3,7,8-PeCDF		Not Applicable	ND(0.0000077)	0.0000074	ND(0.000014)
2,3,4,7,8-PeCDF		Not Applicable	ND(0.000012)	ND(0.000052) X	ND(0.000053) X
PeCDFs (total)		Not Applicable	0.000012	0.000047	0.000066
1,2,3,4,7,8-HxCDF		Not Applicable	ND(0.000014)	0.000056 I	0.000040 I
1,2,3,6,7,8-HxCDF		Not Applicable	ND(0.0000084)	0.000059	ND(0.000068) X
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.0000036)	ND(0.000014)	ND(0.000012)
2,3,4,6,7,8-HxCDF		Not Applicable	ND(0.0000077)	0.000026	0.000028
HxCDFs (total)		Not Applicable	0.00001	0.00012	0.000095
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000062 J	0.000039	0.000039
1,2,3,4,7,8,9-HpCDF		Not Applicable	ND(0.0000050)	ND(0.000099) X	0.000067
HpCDFs (total)		Not Applicable	0.000015	0.000039	0.000045
OCDF		Not Applicable	0.000013	0.00015	0.0001
Dioxins					
2,3,7,8-TCDD		Not Applicable	ND(0.0000015)	ND(0.0000086)	ND(0.000010)
TCDDs (total)		Not Applicable	ND(0.0000043)	ND(0.0000086)	ND(0.000010)
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000022)	ND(0.000024)	ND(0.000025)
PeCDDs (total)		Not Applicable	ND(0.0000072)	ND(0.000024)	ND(0.000025)
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.0000038)	ND(0.000021)	ND(0.000019)
1,2,3,6,7,8-HxCDD		Not Applicable	ND(0.000011)	ND(0.000019)	ND(0.000017)
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.0000076)	ND(0.000019)	ND(0.000017)
HxCDDs (total)		Not Applicable	ND(0.000027)	ND(0.000019)	ND(0.000017)
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000019	0.00007	0.00012
HpCDDs (total)		Not Applicable	0.000033	0.00016	0.00023
OCDD		Not Applicable	0.00017	0.00049	0.00078
Total TEQs (WHO TEFs)		Not Applicable	0.000012	0.000012	0.000011
Inorganics					
Aluminum		75,000	8300	NA	NA
Antimony		30	ND(5.90)	ND(6.00)	ND(6.00)
Arsenic		0.38	2.6	6.3	7.3
Barium		5,200	18.2 B	58	76
Beryllium		150	ND(0.120)	0.280 B	0.300 B
Cadmium		37	0.64	0.330 B	0.350 B
Calcium		Not Listed	5780	NA	NA
Chromium		210	6.7	7.9	9.7
Cobalt		3,300	7	8.6	6.2
Copper		2,800	22.5	39	100
Cyanide		11	ND(0.530)	0.46	0.120 B
Iron		22,000	20100	NA	NA
Lead		400	41.7	120	220
Magnesium		Not Listed	4480	NA	NA
Manganese		3,100	493	NA	NA
Mercury		22	ND(0.120)	0.24	0.67
Nickel		1,500	17.5	13	12
Potassium		Not Listed	369 B	NA	NA
Selenium		370	0.310 B	ND(1.00) J	ND(1.00) J
Silver		370	ND(0.590)	ND(1.00)	0.150 B
Sodium		Not Listed	38.5 B	NA	NA
Sulfide		350	NA	9	290
Thallium		6	ND(0.230)	ND(1.40)	ND(1.30)
Tin		45,000	NA	ND(12.0)	30
Vanadium		520	10.6	8.5	12
Zinc		22,000	80.5	160	240

TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-24 (BANK AND NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results are presented in dry weight parts per million, ppm)

Data Type: Location ID: Sample ID: Sample Depth(Feet): Parameter Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-24-SB-1 I9-9-24-SB-1 9-11 02/01/05	PDI I9-9-24-SB-2 I9-9-24-SB-2 0-1 07/01/03	PDI I9-9-24-SB-2 I9-9-24-SB-2 3-5 07/01/03
Volatile Organics				
1,1,1,2-Tetrachloroethane	2.8	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
1,1,1-Trichloroethane	680	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
1,1,2,2-Tetrachloroethane	0.36	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
1,1,2-Trichloroethane	0.82	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
1,1-Dichloroethane	570	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
1,1-Dichloroethene	0.052	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
1,2,3-Trichloropropane	0.0014	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
1,2-Dibromo-3-chloropropane	0.32	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
1,2-Dibromoethane	0.0049	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
1,2-Dichloroethane	0.34	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
1,2-Dichloropropane	0.34	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
1,4-Dioxane	40	ND(0.18) [ND(0.43)]	ND(0.12) J	ND(0.13) J
2-Butanone	6,900	ND(0.11) [ND(0.43)]	ND(0.012)	ND(0.013)
2-Chloro-1,3-butadiene	3.6	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
2-Chloroethylvinylether	0.18	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
2-Hexanone	750	ND(0.11) [ND(0.43)]	ND(0.012)	ND(0.013)
3-Chloropropene	2,700	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
4-Methyl-2-pentanone	750	ND(0.11) [ND(0.43)]	ND(0.012)	ND(0.013)
Acetone	1,400	ND(0.11) [ND(0.43)]	ND(0.025)	ND(0.025)
Acetonitrile	200	ND(0.18) [ND(0.43)]	ND(0.12) J	ND(0.13) J
Acrolein	0.1	ND(0.18) [ND(0.43)]	ND(0.12) J	ND(0.13) J
Acrylonitrile	0.19	ND(0.11) [ND(0.43)]	ND(0.0062) J	ND(0.0063) J
Benzene	0.62	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Bromodichloromethane	0.98	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Bromoform	56	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Bromomethane	3.8	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Carbon Disulfide	350	0.073 J [ND(0.43)]	ND(0.0062) J	ND(0.0063) J
Carbon Tetrachloride	0.23	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Chlorobenzene	54	0.18 [0.27 J]	ND(0.0062)	ND(0.0063)
Chloroethane	1,600	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Chloroform	0.24	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Chloromethane	1.2	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
cis-1,3-Dichloropropene	Not Listed	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Dibromochloromethane	5.3	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Dibromomethane	550	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Dichlorodifluoromethane	94	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Ethyl Methacrylate	140	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Ethylbenzene	230	0.028 J [ND(0.43)]	ND(0.0062)	ND(0.0063)
Iodomethane	1.2	ND(0.11) [ND(0.43)]	ND(0.0062) J	ND(0.0063) J
Isobutanol	10,000	ND(0.18) [ND(0.43)]	ND(0.12) J	ND(0.13) J
Methacrylonitrile	1.8	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Methyl Methacrylate	2,200	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Methylene Chloride	8.5	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Propionitrile	200	ND(0.11) [ND(0.43)]	ND(0.012)	ND(0.013)
Styrene	1,700	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Tetrachloroethene	4.7	0.040 J [ND(0.43)]	ND(0.0062)	ND(0.0063)
Toluene	520	0.069 J [0.14 J]	ND(0.0062)	ND(0.0063)
trans-1,2-Dichloroethene	62	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
trans-1,3-Dichloropropene	Not Listed	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
trans-1,4-Dichloro-2-butene	Not Listed	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Trichloroethene	2.7	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Trichlorofluoromethane	380	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Vinyl Acetate	420	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Vinyl Chloride	0.021	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Xylenes (total)	210	0.093 J [ND(0.43)]	ND(0.0062)	ND(0.0063)

**TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-24 (BANK AND NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type:	EPA	PDI	PDI	PDI
Location ID:	Region 9	I9-9-24-SB-1	I9-9-24-SB-2	I9-9-24-SB-2
Sample ID:	Residential	I9-9-24-SB-1	I9-9-24-SB-2	I9-9-24-SB-2
Sample Depth(Feet):	PRGs	9-11	0-1	3-5
Date Collected:		02/01/05	07/01/03	07/01/03
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	16	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
1,2,4-Trichlorobenzene	480	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
1,2-Dichlorobenzene	370	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
1,2-Diphenylhydrazine	0.56	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
1,3,5-Trinitrobenzene	1,600	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
1,3-Dichlorobenzene	41	ND(7.0) [0.070 J]	ND(0.41)	ND(0.42)
1,3-Dinitrobenzene	5.5	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)
1,4-Dichlorobenzene	3	ND(7.0) [0.17 J]	ND(0.41)	ND(0.42)
1,4-Naphthoquinone	55	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)
1-Naphthylamine	Not Listed	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)
2,3,4,6-Tetrachlorophenol	1,600	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
2,4,5-Trichlorophenol	5,500	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
2,4,6-Trichlorophenol	40	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
2,4-Dichlorophenol	160	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
2,4-Dimethylphenol	1,100	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
2,4-Dinitrophenol	110	ND(35) [ND(2.9)]	ND(2.1) J	ND(2.2) J
2,4-Dinitrotoluene	110	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
2,6-Dichlorophenol	160	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
2,6-Dinitrotoluene	55	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
2-Acetylaminofluorene	0.56	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)
2-Chloronaphthalene	3,700	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
2-Chlorophenol	59	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
2-Methylnaphthalene	55	ND(7.0) [0.065 J]	ND(0.41)	ND(0.42)
2-Methylphenol	2,700	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
2-Naphthylamine	Not Listed	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)
2-Nitroaniline	3.3	ND(35) [ND(2.9)]	ND(2.1)	ND(2.2)
2-Nitrophenol	Not Listed	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)
2-Picoline	55	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
3&4-Methylphenol	270	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)
3,3'-Dichlorobenzidine	0.99	ND(14) [ND(1.1)]	ND(0.83)	ND(0.85)
3,3'-Dimethylbenzidine	0.048	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
3-Methylcholanthrene	0.056	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)
3-Nitroaniline	5.5	ND(35) [ND(2.9)]	ND(2.1)	ND(2.2)
4,6-Dinitro-2-methylphenol	55	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
4-Aminobiphenyl	1,400	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)
4-Bromophenyl-phenylether	160	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
4-Chloro-3-Methylphenol	2,700	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
4-Chloroaniline	220	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
4-Chlorobenzilate	1.6	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)
4-Chlorophenyl-phenylether	Not Listed	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
4-Methylphenol	270	NA	NA	NA
4-Nitroaniline	5.5	ND(7.0) [ND(2.9)]	ND(2.1)	ND(2.2)
4-Nitrophenol	3,400	ND(35) [ND(2.9)]	ND(2.1) J	ND(2.2) J
4-Nitroquinoline-1-oxide	110	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)
4-Phenylenediamine	10,000	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)
5-Nitro-o-toluidine	13	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)
7,12-Dimethylbenz(a)anthracene	0.056	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)
a,a'-Dimethylphenethylamine	55	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)
Acenaphthene	2,600	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
Acenaphthylene	55	ND(7.0) [0.95]	ND(0.41)	ND(0.42)
Acetophenone	0.49	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
Aniline	78	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
Anthracene	14,000	ND(7.0) [0.94]	ND(0.41)	ND(0.42)
Aramite	18	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)
Benzidine	0.0019	ND(14) [ND(1.1)]	ND(0.83)	ND(0.85)
Benzo(a)anthracene	0.56	ND(7.0) [1.5]	0.20 J	0.11 J
Benzo(a)pyrene	0.056	ND(7.0) [0.99]	0.20 J	0.13 J
Benzo(b)fluoranthene	0.56	ND(7.0) [0.59]	0.12 J	0.12 J
Benzo(g,h,i)perylene	55	ND(7.0) [0.45 J]	0.15 J	ND(0.42)

**TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-24 (BANK AND NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type:	EPA	PDI	PDI	PDI
Location ID:	Region 9	I9-9-24-SB-1	I9-9-24-SB-2	I9-9-24-SB-2
Sample ID:	Residential	I9-9-24-SB-1	I9-9-24-SB-2	I9-9-24-SB-2
Sample Depth(Feet):	PRGs	9-11	0-1	3-5
Date Collected:		02/01/05	07/01/03	07/01/03
Semivolatile Organics (continued)				
Benzo(k)fluoranthene	5.6	ND(7.0) [0.71]	0.17 J	0.10 J
Benzoic Acid	100,000	NA	NA	NA
Benzyl Alcohol	16,000	ND(14) [ND(1.1)]	ND(0.83)	ND(0.85)
bis(2-Chloroethoxy)methane	Not Listed	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
bis(2-Chloroethyl)ether	0.18	ND(7.0) [ND(0.57)]	ND(0.41) J	ND(0.42) J
bis(2-Chloroisopropyl)ether	2.5	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
bis(2-Ethylhexyl)phthalate	32	ND(3.5) [0.91]	ND(0.41)	ND(0.42)
Butylbenzylphthalate	930	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
Chrysene	56	ND(7.0) [1.5]	0.26 J	0.12 J
Diallate	7.3	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)
Dibenzo(a,h)anthracene	0.056	ND(7.0) [0.12 J]	ND(0.41)	ND(0.42)
Dibenzofuran	210	ND(7.0) [0.088 J]	ND(0.41)	ND(0.42)
Diethylphthalate	44,000	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
Dimethylphthalate	100,000	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
Di-n-Butylphthalate	5,500	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
Di-n-Octylphthalate	1,100	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
Dinoseb	55	NA	NA	NA
Diphenylamine	1,400	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
Ethyl Methacrylate	140	NA	NA	NA
Ethyl Methanesulfonate	Not Listed	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
Fluoranthene	2,000	ND(7.0) [1.7]	0.33 J	0.22 J
Fluorene	1,800	ND(7.0) [0.21 J]	ND(0.41)	ND(0.42)
Hexachlorobenzene	0.28	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
Hexachlorobutadiene	5.7	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
Hexachlorocyclopentadiene	380	ND(7.0) [ND(0.57)]	ND(0.41) J	ND(0.42) J
Hexachloroethane	32	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
Hexachlorophene	16	ND(14) [ND(1.1)]	ND(0.83) J	ND(0.85) J
Hexachloropropene	Not Listed	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
Indeno(1,2,3-cd)pyrene	0.56	ND(7.0) [0.35 J]	0.13 J	ND(0.42)
Isodrin	Not Listed	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
Isophorone	470	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
Isosafrole	Not Listed	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)
Methapyrilene	55	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)
Methyl Methanesulfonate	Not Listed	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
Naphthalene	55	ND(7.0) [0.084 J]	ND(0.41)	ND(0.42)
Nitrobenzene	16	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
N-Nitrosodiethylamine	0.003	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
N-Nitrosodimethylamine	0.0087	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
N-Nitroso-di-n-butylamine	0.022	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)
N-Nitroso-di-n-propylamine	0.063	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
N-Nitrosodiphenylamine	91	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
N-Nitrosomethylethylamine	0.02	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)
N-Nitrosomorpholine	0.21	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
N-Nitrosopiperidine	0.21	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
N-Nitrosopyrrolidine	0.21	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)
o,o,o-Triethylphosphorothioate	11	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
o-Toluidine	1.9	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
p-Dimethylaminoazobenzene	0.99	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)
Pentachlorobenzene	44	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
Pentachloroethane	2.8	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
Pentachloronitrobenzene	1.7	ND(7.0) [ND(1.1)]	ND(0.83) J	ND(0.85) J
Pentachlorophenol	2.5	ND(35) [ND(2.9)]	ND(2.1)	ND(2.2)
Phenacetin	640	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)
Phenanthrene	55	ND(7.0) [2.0]	0.19 J	0.13 J
Phenol	33,000	ND(7.0) [0.18 J]	ND(0.41)	ND(0.42)
Pronamide	4,100	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
Pyrene	1,500	ND(7.0) [2.9]	0.34 J	0.23 J

**TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-24 (BANK AND NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-24-SB-1 I9-9-24-SB-1 9-11 02/01/05	PDI I9-9-24-SB-2 I9-9-24-SB-2 0-1 07/01/03	PDI I9-9-24-SB-2 I9-9-24-SB-2 3-5 07/01/03
Semivolatile Organics (continued)				
Pyridine	55	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
Safrrole	Not Listed	ND(7.0) [ND(0.57)]	ND(0.41) J	ND(0.42) J
Sulfotep	27	NA	NA	NA
Thionazin	330	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
Furans				
2,3,7,8-TCDF	Not Applicable	0.00012 Y [0.00010 Y]	0.000012 Y	ND(0.0000029) Y
TCDFs (total)	Not Applicable	0.0021 QI [0.0019]	0.0001	0.00002
1,2,3,7,8-PeCDF	Not Applicable	0.000030 [0.000020]	ND(0.000021) X	0.0000029
2,3,4,7,8-PeCDF	Not Applicable	0.00020 [0.00014]	0.0000099	ND(0.0000010)
PeCDFs (total)	Not Applicable	0.0013 Q [0.0022 Q]	0.000022	0.000036
1,2,3,4,7,8-HxCDF	Not Applicable	0.00022 [0.00017]	0.00012 I	0.000035 I
1,2,3,6,7,8-HxCDF	Not Applicable	0.00010 [0.000077]	0.000021	ND(0.0000010)
1,2,3,7,8,9-HxCDF	Not Applicable	0.000037 Q [0.000037]	ND(0.0000026)	ND(0.0000013)
2,3,4,6,7,8-HxCDF	Not Applicable	0.00017 [0.00011]	0.00001	0.0000033
HxCDFs (total)	Not Applicable	0.0027 Q [0.0019 I]	0.00026	0.000084
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.00052 [0.00040]	0.00017	0.000017
1,2,3,4,7,8,9-HpCDF	Not Applicable	0.00012 [0.000093]	0.000055	ND(0.0000019)
HpCDFs (total)	Not Applicable	0.0013 [0.00097]	0.00032	0.000017
OCDF	Not Applicable	0.00084 [0.00059]	0.00099	0.000073
Dioxins				
2,3,7,8-TCDD	Not Applicable	0.000033 JQ [0.000028 J]	ND(0.0000101) J	ND(0.0000084) J
TCDDs (total)	Not Applicable	0.000072 Q [0.000076]	ND(0.0000010)	ND(0.0000084)
1,2,3,7,8-PeCDD	Not Applicable	0.000018 [0.0000082]	ND(0.0000032)	ND(0.0000021)
PeCDDs (total)	Not Applicable	0.00014 Q [0.00015 Q]	ND(0.0000032)	ND(0.0000021)
1,2,3,4,7,8-HxCDD	Not Applicable	0.000026 [0.000018]	ND(0.0000033)	ND(0.0000020)
1,2,3,6,7,8-HxCDD	Not Applicable	0.000049 [0.000031]	ND(0.0000030)	ND(0.0000018)
1,2,3,7,8,9-HxCDD	Not Applicable	0.000047 [0.000029]	ND(0.000011) X	ND(0.0000018)
HxCDDs (total)	Not Applicable	0.00059 [0.00039]	ND(0.0000030)	ND(0.0000018)
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.00071 [0.00054]	0.000045	0.000011
HpCDDs (total)	Not Applicable	0.0014 [0.0011]	0.000045	0.000019
OCDD	Not Applicable	0.0039 [0.0033]	0.00035	0.000098
Total TEQs (WHO TEFs)	Not Applicable	0.00021 [0.00015]	0.000028	0.0000065
Inorganics				
Aluminum	75,000	NA	NA	NA
Antimony	30	4.30 B [4.60 B]	ND(6.00)	ND(6.00)
Arsenic	0.38	12.0 [14.0]	6.8	4.4
Barium	5,200	100 [250]	110	40
Beryllium	150	0.240 B [0.270 B]	0.330 B	0.260 B
Cadmium	37	6.80 [11.0]	0.470 B	ND(0.500)
Calcium	Not Listed	NA	NA	NA
Chromium	210	52.0 [79.0]	9.6	8.3
Cobalt	3,300	6.30 [14.0]	6.6	8.8
Copper	2,800	230 [390]	34	23
Cyanide	11	0.980 [0.930]	0.22	0.0590 B
Iron	22,000	NA	NA	NA
Lead	400	300 [380]	360	51
Magnesium	Not Listed	NA	NA	NA
Manganese	3,100	NA	NA	NA
Mercury	22	1.00 [1.30]	0.32	0.14
Nickel	1,500	37.0 [91.0]	11	13
Potassium	Not Listed	NA	NA	NA
Selenium	370	ND(1.30) [ND(1.30)]	ND(1.00) J	ND(1.00) J
Silver	370	6.80 [8.40]	0.200 B	0.140 B
Sodium	Not Listed	NA	NA	NA
Sulfide	350	1200 [1300]	ND(6.20)	63
Thallium	6	4.00 [15.0]	ND(1.20)	ND(1.30)
Tin	45,000	38.0 [75.0]	ND(10.0)	ND(10.0)
Vanadium	520	13.0 [16.0]	10	7.6
Zinc	22,000	450 [640]	140	88

**TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-24 (BANK AND NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-24-SB-2 I9-9-24-SB-2 13-15 02/01/05	PDI I9-9-24-SB-2 I9-9-24-SB-2 13-15 10/17/05	PDI I9-9-24-SB-2-SE I9-9-24-SB-2-SE 9-11 06/08/06
Volatile Organics					
1,1,1,2-Tetrachloroethane		2.8	ND(0.69)	NA	NA
1,1,1-Trichloroethane		680	ND(0.69)	NA	NA
1,1,2,2-Tetrachloroethane		0.36	ND(0.69)	NA	NA
1,1,2-Trichloroethane		0.82	ND(0.69)	NA	NA
1,1-Dichloroethane		570	ND(0.69)	NA	NA
1,1-Dichloroethene		0.052	ND(0.69)	NA	NA
1,2,3-Trichloropropane		0.0014	ND(0.69)	NA	NA
1,2-Dibromo-3-chloropropane		0.32	ND(0.69)	NA	NA
1,2-Dibromoethane		0.0049	ND(0.69)	NA	NA
1,2-Dichloroethane		0.34	ND(0.69)	NA	NA
1,2-Dichloropropane		0.34	ND(0.69)	NA	NA
1,4-Dioxane		40	ND(0.69)	NA	NA
2-Butanone		6,900	ND(0.69)	NA	NA
2-Chloro-1,3-butadiene		3.6	ND(0.69)	NA	NA
2-Chloroethylvinylether		0.18	ND(0.69)	NA	NA
2-Hexanone		750	ND(0.69)	NA	NA
3-Chloropropene		2,700	ND(0.69)	NA	NA
4-Methyl-2-pentanone		750	ND(0.69)	NA	NA
Acetone		1,400	ND(0.69)	NA	NA
Acetonitrile		200	ND(0.69)	NA	NA
Acrolein		0.1	ND(0.69)	NA	NA
Acrylonitrile		0.19	ND(0.69)	NA	NA
Benzene		0.62	0.25 J	NA	NA
Bromodichloromethane		0.98	ND(0.69)	NA	NA
Bromoform		56	ND(0.69)	NA	NA
Bromomethane		3.8	ND(0.69)	NA	NA
Carbon Disulfide		350	0.64 J	NA	NA
Carbon Tetrachloride		0.23	ND(0.69)	NA	NA
Chlorobenzene		54	0.91	NA	NA
Chloroethane		1,600	ND(0.69)	NA	NA
Chloroform		0.24	ND(0.69)	NA	NA
Chloromethane		1.2	ND(0.69)	NA	NA
cis-1,3-Dichloropropene		Not Listed	ND(0.69)	NA	NA
Dibromochloromethane		5.3	ND(0.69)	NA	NA
Dibromomethane		550	ND(0.69)	NA	NA
Dichlorodifluoromethane		94	ND(0.69)	NA	NA
Ethyl Methacrylate		140	ND(0.69)	NA	NA
Ethylbenzene		230	0.15 J	NA	NA
Iodomethane		1.2	ND(0.69)	NA	NA
Isobutanol		10,000	ND(0.69)	NA	NA
Methacrylonitrile		1.8	ND(0.69)	NA	NA
Methyl Methacrylate		2,200	ND(0.69)	NA	NA
Methylene Chloride		8.5	ND(0.69)	NA	NA
Propionitrile		200	ND(0.69)	NA	NA
Styrene		1,700	ND(0.69)	NA	NA
Tetrachloroethene		4.7	ND(0.69)	NA	NA
Toluene		520	0.54 J	NA	NA
trans-1,2-Dichloroethene		62	ND(0.69)	NA	NA
trans-1,3-Dichloropropene		Not Listed	ND(0.69)	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.69)	NA	NA
Trichloroethene		2.7	ND(0.69)	NA	NA
Trichlorofluoromethane		380	ND(0.69)	NA	NA
Vinyl Acetate		420	ND(0.69)	NA	NA
Vinyl Chloride		0.021	ND(0.69)	NA	NA
Xylenes (total)		210	0.62 J	NA	NA

**TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-24 (BANK AND NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-24-SB-2 I9-9-24-SB-2 13-15 02/01/05	PDI I9-9-24-SB-2 I9-9-24-SB-2 13-15 10/17/05	PDI I9-9-24-SB-2-SE I9-9-24-SB-2-SE 9-11 06/08/06
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		16	ND(9.2)	NA	NA
1,2,4-Trichlorobenzene		480	ND(9.2)	NA	NA
1,2-Dichlorobenzene		370	ND(9.2)	NA	NA
1,2-Diphenylhydrazine		0.56	ND(9.2)	NA	NA
1,3,5-Trinitrobenzene		1,600	ND(9.2)	NA	NA
1,3-Dichlorobenzene		41	0.87 J	NA	NA
1,3-Dinitrobenzene		5.5	ND(9.2)	NA	NA
1,4-Dichlorobenzene		3	2.7 J	NA	NA
1,4-Naphthoquinone		55	ND(9.2)	NA	NA
1-Naphthylamine		Not Listed	ND(9.2)	NA	NA
2,3,4,6-Tetrachlorophenol		1,600	ND(9.2)	NA	NA
2,4,5-Trichlorophenol		5,500	ND(9.2)	NA	NA
2,4,6-Trichlorophenol		40	ND(9.2)	NA	NA
2,4-Dichlorophenol		160	ND(9.2)	NA	NA
2,4-Dimethylphenol		1,100	ND(9.2)	NA	NA
2,4-Dinitrophenol		110	ND(46)	NA	NA
2,4-Dinitrotoluene		110	ND(9.2)	NA	NA
2,6-Dichlorophenol		160	ND(9.2)	NA	NA
2,6-Dinitrotoluene		55	ND(9.2)	NA	NA
2-Acetylaminofluorene		0.56	ND(9.2)	NA	NA
2-Chloronaphthalene		3,700	ND(9.2)	NA	NA
2-Chlorophenol		59	ND(9.2)	NA	NA
2-Methylnaphthalene		55	1.6 J	NA	NA
2-Methylphenol		2,700	4.5 J	NA	NA
2-Naphthylamine		Not Listed	ND(9.2)	NA	NA
2-Nitroaniline		3.3	ND(46)	NA	NA
2-Nitrophenol		Not Listed	ND(9.2)	NA	NA
2-Picoline		55	ND(9.2)	NA	NA
3&4-Methylphenol		270	1.4 J	NA	NA
3,3'-Dichlorobenzidine		0.99	ND(18)	NA	NA
3,3'-Dimethylbenzidine		0.048	ND(9.2)	NA	NA
3-Methylcholanthrene		0.056	ND(9.2)	NA	NA
3-Nitroaniline		5.5	ND(46)	NA	NA
4,6-Dinitro-2-methylphenol		55	ND(9.2)	NA	NA
4-Aminobiphenyl		1,400	ND(9.2)	NA	NA
4-Bromophenyl-phenylether		160	ND(9.2)	NA	NA
4-Chloro-3-Methylphenol		2,700	ND(9.2)	NA	NA
4-Chloroaniline		220	ND(9.2)	NA	NA
4-Chlorobenzilate		1.6	ND(9.2)	NA	NA
4-Chlorophenyl-phenylether		Not Listed	ND(9.2)	NA	NA
4-Methylphenol		270	NA	NA	NA
4-Nitroaniline		5.5	ND(9.2)	NA	NA
4-Nitrophenol		3,400	ND(46)	NA	NA
4-Nitroquinoline-1-oxide		110	ND(9.2)	NA	NA
4-Phenylenediamine		10,000	ND(9.2)	NA	NA
5-Nitro-o-toluidine		13	ND(9.2)	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	ND(9.2)	NA	NA
a,a'-Dimethylphenethylamine		55	ND(9.2)	NA	NA
Acenaphthene		2,600	24	NA	NA
Acenaphthylene		55	ND(9.2)	NA	NA
Acetophenone		0.49	ND(9.2)	NA	NA
Aniline		78	140	NA	NA
Anthracene		14,000	1.4 J	NA	NA
Aramite		18	ND(9.2)	NA	NA
Benzidine		0.0019	ND(18)	NA	NA
Benzo(a)anthracene		0.56	1.2 J	NA	NA
Benzo(a)pyrene		0.056	1.3 J	NA	NA
Benzo(b)fluoranthene		0.56	1.5 J	NA	NA
Benzo(g,h,i)perylene		55	ND(9.2)	NA	NA

**TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-24 (BANK AND NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-24-SB-2 I9-9-24-SB-2 13-15 02/01/05	PDI I9-9-24-SB-2 I9-9-24-SB-2 13-15 10/17/05	PDI I9-9-24-SB-2-SE I9-9-24-SB-2-SE 9-11 06/08/06
Semivolatile Organics (continued)					
Benzo(k)fluoranthene		5.6	1.3 J	NA	NA
Benzoic Acid		100,000	NA	NA	NA
Benzyl Alcohol		16,000	ND(18)	NA	NA
bis(2-Chloroethoxy)methane		Not Listed	ND(9.2)	NA	NA
bis(2-Chloroethyl)ether		0.18	ND(9.2)	NA	NA
bis(2-Chloroisopropyl)ether		2.5	ND(9.2)	NA	NA
bis(2-Ethylhexyl)phthalate		32	ND(4.6)	NA	NA
Butylbenzylphthalate		930	ND(9.2)	NA	NA
Chrysene		56	2.4 J	NA	NA
Diallate		7.3	ND(9.2)	NA	NA
Dibenzo(a,h)anthracene		0.056	ND(9.2)	0.33 J	NA
Dibenzofuran		210	ND(9.2)	NA	NA
Diethylphthalate		44,000	ND(9.2)	NA	NA
Dimethylphthalate		100,000	ND(9.2)	NA	NA
Di-n-Butylphthalate		5,500	ND(9.2)	NA	NA
Di-n-Octylphthalate		1,100	ND(9.2)	NA	NA
Dinoseb		55	NA	NA	NA
Diphenylamine		1,400	ND(9.2)	NA	NA
Ethyl Methacrylate		140	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(9.2)	NA	NA
Fluoranthene		2,000	4.1 J	NA	NA
Fluorene		1,800	ND(9.2)	NA	NA
Hexachlorobenzene		0.28	ND(9.2)	NA	NA
Hexachlorobutadiene		5.7	ND(9.2)	NA	NA
Hexachlorocyclopentadiene		380	ND(9.2)	NA	NA
Hexachloroethane		32	ND(9.2)	NA	NA
Hexachlorophene		16	ND(18)	NA	NA
Hexachloropropene		Not Listed	ND(9.2)	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	ND(9.2)	0.89 J	NA
Isodrin		Not Listed	ND(9.2)	NA	NA
Isophorone		470	ND(9.2)	NA	NA
Isosafrole		Not Listed	ND(9.2)	NA	NA
Methapyrilene		55	ND(9.2)	NA	NA
Methyl Methanesulfonate		Not Listed	ND(9.2)	NA	NA
Naphthalene		55	0.99 J	NA	NA
Nitrobenzene		16	ND(9.2)	NA	NA
N-Nitrosodiethylamine		0.003	ND(9.2)	NA	NA
N-Nitrosodimethylamine		0.0087	ND(9.2)	NA	NA
N-Nitroso-di-n-butylamine		0.022	ND(9.2)	NA	NA
N-Nitroso-di-n-propylamine		0.063	ND(9.2)	NA	NA
N-Nitrosodiphenylamine		91	ND(9.2)	NA	NA
N-Nitrosomethylethylamine		0.02	ND(9.2)	NA	NA
N-Nitrosomorpholine		0.21	ND(9.2)	NA	NA
N-Nitrosopiperidine		0.21	ND(9.2)	NA	NA
N-Nitrosopyrrolidine		0.21	ND(9.2)	NA	NA
o,o,o-Triethylphosphorothioate		11	ND(9.2)	NA	NA
o-Toluidine		1.9	ND(9.2)	NA	NA
p-Dimethylaminoazobenzene		0.99	ND(9.2)	NA	NA
Pentachlorobenzene		44	ND(9.2)	NA	NA
Pentachloroethane		2.8	ND(9.2)	NA	NA
Pentachloronitrobenzene		1.7	ND(9.2)	NA	NA
Pentachlorophenol		2.5	ND(46)	NA	NA
Phenacetin		640	ND(9.2)	NA	NA
Phenanthrene		55	4.0 J	NA	NA
Phenol		33,000	16	NA	NA
Pronamide		4,100	ND(9.2)	NA	NA
Pyrene		1,500	5.3 J	NA	NA

**TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-24 (BANK AND NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type:	EPA	PDI	PDI	PDI
Location ID:	Region 9	I9-9-24-SB-2	I9-9-24-SB-2	I9-9-24-SB-2-SE
Sample ID:	Residential	I9-9-24-SB-2	I9-9-24-SB-2	I9-9-24-SB-2-SE
Sample Depth(Feet):	PRGs	13-15	13-15	9-11
Date Collected:		02/01/05	10/17/05	06/08/06
Parameter				
Semivolatile Organics (continued)				
Pyridine	55	ND(9.2)	NA	NA
Safrole	Not Listed	ND(9.2)	NA	NA
Sulfotep	27	NA	NA	NA
Thionazin	330	ND(9.2)	NA	NA
Furans				
2,3,7,8-TCDF	Not Applicable	0.0019 Y	NA	NA
TCDFs (total)	Not Applicable	0.040 Q	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	0.00058 Q	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	0.0040 Q	NA	NA
PeCDFs (total)	Not Applicable	0.038 Q	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	0.0096	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	0.0039	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	0.0014 Q	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	0.0031	NA	NA
HxCDFs (total)	Not Applicable	0.057 Q	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.015	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	0.0048	NA	NA
HpCDFs (total)	Not Applicable	0.040 Q	NA	NA
OCDF	Not Applicable	0.015	NA	NA
Dioxins				
2,3,7,8-TCDD	Not Applicable	0.000074 Q	NA	NA
TCDDs (total)	Not Applicable	0.0036 Q	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	0.00015	NA	NA
PeCDDs (total)	Not Applicable	0.0050 Q	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	0.00061	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	0.0012	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	0.00087	NA	NA
HxCDDs (total)	Not Applicable	0.015 Q	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.019	NA	NA
HpCDDs (total)	Not Applicable	0.038	NA	NA
OCDD	Not Applicable	0.078 E	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	0.0049	NA	NA
Inorganics				
Aluminum	75,000	NA	NA	1760 J [3270 J]
Antimony	30	14	NA	38.1 J [8.85 J]
Arsenic	0.38	42	NA	5.68 J [11.4 J]
Barium	5,200	1000	NA	557 J [1140 J]
Beryllium	150	1	NA	0.196 J [0.358 J]
Cadmium	37	110	NA	4.35 J [191 J]
Calcium	Not Listed	NA	NA	1380 J [5020 J]
Chromium	210	760	NA	5.24 J [19.1 J]
Cobalt	3,300	22	NA	4.55 J [2.65 J]
Copper	2,800	4100	NA	18.2 J [54.4 J]
Cyanide	11	18	NA	NA
Iron	22,000	NA	NA	6130 J [10200 J]
Lead	400	2300	NA	153 J [313 J]
Magnesium	Not Listed	NA	NA	381 J [622 J]
Manganese	3,100	NA	NA	3660 J [15200 J]
Mercury	22	23	NA	0.0890 J [0.118 J]
Nickel	1,500	390	NA	3.82 J [7.06 J]
Potassium	Not Listed	NA	NA	1160 J [488 J]
Selenium	370	5.4	NA	2.08 J [7.01 J]
Silver	370	100	NA	0.724 J [3.02 J]
Sodium	Not Listed	NA	NA	2130 J [884 J]
Sulfide	350	11000	NA	NA
Thallium	6	18	NA	1.11 J [17.2 J]
Tin	45,000	680	NA	NA
Vanadium	520	48	NA	7.76 J [15.3 J]
Zinc	22,000	4600	NA	3410 J [10900 J]

TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-24 (BANK AND NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results are presented in dry weight parts per million, ppm)

Data Type: Location ID: Sample ID: Sample Depth(Feet): Parameter Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-24-SB-2-SE I9-9-24-SB-2-SE 13-15 06/08/06	PDI I9-9-24-SB-2-SE I9-9-24-SB-2-SE 13-15 10/18/05	PDI I9-9-24-SB-2-SES I9-9-24-SB-2-SES 9-11 06/08/06	PDI I9-9-24-SB-2-SES I9-9-24-SB-2-SES 13-15 06/08/06	PDI I9-9-24-SB-2-SES-1 I9-9-24-SB-2-SES-1 9-11 03/15/07
Volatile Organics						
1,1,1,2-Tetrachloroethane	2.8	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	680	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	0.36	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.82	NA	NA	NA	NA	NA
1,1-Dichloroethane	570	NA	NA	NA	NA	NA
1,1-Dichloroethene	0.052	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	0.0014	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	0.32	NA	NA	NA	NA	NA
1,2-Dibromoethane	0.0049	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.34	NA	NA	NA	NA	NA
1,2-Dichloropropane	0.34	NA	NA	NA	NA	NA
1,4-Dioxane	40	NA	NA	NA	NA	NA
2-Butanone	6,900	NA	NA	NA	NA	NA
2-Chloro-1,3-butadiene	3.6	NA	NA	NA	NA	NA
2-Chloroethylvinylether	0.18	NA	NA	NA	NA	NA
2-Hexanone	750	NA	NA	NA	NA	NA
3-Chloropropene	2,700	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	750	NA	NA	NA	NA	NA
Acetone	1,400	NA	NA	NA	NA	NA
Acetonitrile	200	NA	NA	NA	NA	NA
Acrolein	0.1	NA	NA	NA	NA	NA
Acrylonitrile	0.19	NA	NA	NA	NA	NA
Benzene	0.62	NA	NA	NA	NA	NA
Bromodichloromethane	0.98	NA	NA	NA	NA	NA
Bromoform	56	NA	NA	NA	NA	NA
Bromomethane	3.8	NA	NA	NA	NA	NA
Carbon Disulfide	350	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.23	NA	NA	NA	NA	NA
Chlorobenzene	54	NA	NA	NA	NA	NA
Chloroethane	1,600	NA	NA	NA	NA	NA
Chloroform	0.24	NA	NA	NA	NA	NA
Chloromethane	1.2	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	Not Listed	NA	NA	NA	NA	NA
Dibromochloromethane	5.3	NA	NA	NA	NA	NA
Dibromomethane	550	NA	NA	NA	NA	NA
Dichlorodifluoromethane	94	NA	NA	NA	NA	NA
Ethyl Methacrylate	140	NA	NA	NA	NA	NA
Ethylbenzene	230	NA	NA	NA	NA	NA
Iodomethane	1.2	NA	NA	NA	NA	NA
Isobutanol	10,000	NA	NA	NA	NA	NA
Methacrylonitrile	1.8	NA	NA	NA	NA	NA
Methyl Methacrylate	2,200	NA	NA	NA	NA	NA
Methylene Chloride	8.5	NA	NA	NA	NA	NA
Propionitrile	200	NA	NA	NA	NA	NA
Styrene	1,700	NA	NA	NA	NA	NA
Tetrachloroethene	4.7	NA	NA	NA	NA	NA
Toluene	520	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	62	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	Not Listed	NA	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	Not Listed	NA	NA	NA	NA	NA
Trichloroethene	2.7	NA	NA	NA	NA	NA
Trichlorofluoromethane	380	NA	NA	NA	NA	NA
Vinyl Acetate	420	NA	NA	NA	NA	NA
Vinyl Chloride	0.021	NA	NA	NA	NA	NA
Xylenes (total)	210	NA	NA	NA	NA	NA

**TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-24 (BANK AND NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-24-SB-2-SE I9-9-24-SB-2-SE 13-15 06/08/06	PDI I9-9-24-SB-2-SE I9-9-24-SB-2-SE 13-15 10/18/05	PDI I9-9-24-SB-2-SES I9-9-24-SB-2-SES 9-11 06/08/06	PDI I9-9-24-SB-2-SES I9-9-24-SB-2-SES 13-15 06/08/06	PDI I9-9-24-SB-2-SES-1 I9-9-24-SB-2-SES-1 9-11 03/15/07
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	16	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	480	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	370	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	0.56	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	1,600	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	41	NA	NA	NA	NA	NA
1,3-Dinitrobenzene	5.5	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	3	NA	NA	NA	NA	NA
1,4-Naphthoquinone	55	NA	NA	NA	NA	NA
1-Naphthylamine	Not Listed	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	1,600	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	5,500	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	40	NA	NA	NA	NA	NA
2,4-Dichlorophenol	160	NA	NA	NA	NA	NA
2,4-Dimethylphenol	1,100	NA	NA	NA	NA	NA
2,4-Dinitrophenol	110	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	110	NA	NA	NA	NA	NA
2,6-Dichlorophenol	160	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	55	NA	NA	NA	NA	NA
2-Acetylaminofluorene	0.56	NA	NA	NA	NA	NA
2-Chloronaphthalene	3,700	NA	NA	NA	NA	NA
2-Chlorophenol	59	NA	NA	NA	NA	NA
2-Methylnaphthalene	55	NA	NA	NA	NA	NA
2-Methylphenol	2,700	NA	NA	NA	NA	NA
2-Naphthylamine	Not Listed	NA	NA	NA	NA	NA
2-Nitroaniline	3.3	NA	NA	NA	NA	NA
2-Nitrophenol	Not Listed	NA	NA	NA	NA	NA
2-Picoline	55	NA	NA	NA	NA	NA
3&4-Methylphenol	270	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	0.99	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	0.048	NA	NA	NA	NA	NA
3-Methylcholanthrene	0.056	NA	NA	NA	NA	NA
3-Nitroaniline	5.5	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	55	NA	NA	NA	NA	NA
4-Aminobiphenyl	1,400	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether	160	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	2,700	NA	NA	NA	NA	NA
4-Chloroaniline	220	NA	NA	NA	NA	NA
4-Chlorobenzilate	1.6	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	Not Listed	NA	NA	NA	NA	NA
4-Methylphenol	270	NA	NA	NA	NA	NA
4-Nitroaniline	5.5	NA	NA	NA	NA	NA
4-Nitrophenol	3,400	NA	NA	NA	NA	NA
4-Nitroquinoline-1-oxide	110	NA	NA	NA	NA	NA
4-Phenylenediamine	10,000	NA	NA	NA	NA	NA
5-Nitro-o-toluidine	13	NA	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	0.056	NA	NA	NA	NA	NA
a,a'-Dimethylphenethylamine	55	NA	NA	NA	NA	NA
Acenaphthene	2,600	NA	NA	NA	NA	NA
Acenaphthylene	55	NA	NA	NA	NA	NA
Acetophenone	0.49	NA	NA	NA	NA	NA
Aniline	78	NA	NA	NA	NA	NA
Anthracene	14,000	NA	NA	NA	NA	NA
Aramite	18	NA	NA	NA	NA	NA
Benzidine	0.0019	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.56	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.056	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.56	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	55	NA	NA	NA	NA	NA

**TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-24 (BANK AND NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-24-SB-2-SE I9-9-24-SB-2-SE 13-15 06/08/06	PDI I9-9-24-SB-2-SE I9-9-24-SB-2-SE 13-15 10/18/05	PDI I9-9-24-SB-2-SES I9-9-24-SB-2-SES 9-11 06/08/06	PDI I9-9-24-SB-2-SES I9-9-24-SB-2-SES 13-15 06/08/06	PDI I9-9-24-SB-2-SES-1 I9-9-24-SB-2-SES-1 9-11 03/15/07
Semivolatile Organics (continued)						
Benzo(k)fluoranthene	5.6	NA	NA	NA	NA	NA
Benzoic Acid	100,000	NA	NA	NA	NA	NA
Benzyl Alcohol	16,000	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	Not Listed	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	0.18	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	2.5	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	32	NA	NA	NA	NA	NA
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
Chrysene	56	NA	NA	NA	NA	NA
Diallate	7.3	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.056	NA	NA	NA	NA	NA
Dibenzofuran	210	NA	NA	NA	NA	NA
Diethylphthalate	44,000	NA	NA	NA	NA	NA
Dimethylphthalate	100,000	NA	NA	NA	NA	NA
Di-n-Butylphthalate	5,500	NA	NA	NA	NA	NA
Di-n-Octylphthalate	1,100	NA	NA	NA	NA	NA
Dinoseb	55	NA	NA	NA	NA	NA
Diphenylamine	1,400	NA	NA	NA	NA	NA
Ethyl Methacrylate	140	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	Not Listed	NA	NA	NA	NA	NA
Fluoranthene	2,000	NA	NA	NA	NA	NA
Fluorene	1,800	NA	NA	NA	NA	NA
Hexachlorobenzene	0.28	NA	NA	NA	NA	NA
Hexachlorobutadiene	5.7	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	380	NA	NA	NA	NA	NA
Hexachloroethane	32	NA	NA	NA	NA	NA
Hexachlorophene	16	NA	NA	NA	NA	NA
Hexachloropropene	Not Listed	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.56	NA	NA	NA	NA	NA
Isodrin	Not Listed	NA	NA	NA	NA	NA
Isophorone	470	NA	NA	NA	NA	NA
Isosafrole	Not Listed	NA	NA	NA	NA	NA
Methapyrilene	55	NA	NA	NA	NA	NA
Methyl Methanesulfonate	Not Listed	NA	NA	NA	NA	NA
Naphthalene	55	NA	NA	NA	NA	NA
Nitrobenzene	16	NA	NA	NA	NA	NA
N-Nitrosodiethylamine	0.003	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	0.0087	NA	NA	NA	NA	NA
N-Nitroso-di-n-butylamine	0.022	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	0.063	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	91	NA	NA	NA	NA	NA
N-Nitrosomethylethylamine	0.02	NA	NA	NA	NA	NA
N-Nitrosomorpholine	0.21	NA	NA	NA	NA	NA
N-Nitrosopiperidine	0.21	NA	NA	NA	NA	NA
N-Nitrosopyrrolidine	0.21	NA	NA	NA	NA	NA
o,o,o-Triethylphosphorothioate	11	NA	NA	NA	NA	NA
o-Toluidine	1.9	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene	0.99	NA	NA	NA	NA	NA
Pentachlorobenzene	44	NA	NA	NA	NA	NA
Pentachloroethane	2.8	NA	NA	NA	NA	NA
Pentachloronitrobenzene	1.7	NA	NA	NA	NA	NA
Pentachlorophenol	2.5	NA	NA	NA	NA	NA
Phenacetin	640	NA	NA	NA	NA	NA
Phenanthrene	55	NA	NA	NA	NA	NA
Phenol	33,000	NA	NA	NA	NA	NA
Pronamide	4,100	NA	NA	NA	NA	NA
Pyrene	1,500	NA	NA	NA	NA	NA

**TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-24 (BANK AND NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-24-SB-2-SE I9-9-24-SB-2-SE 13-15 06/08/06	PDI I9-9-24-SB-2-SE I9-9-24-SB-2-SE 13-15 10/18/05	PDI I9-9-24-SB-2-SES I9-9-24-SB-2-SES 9-11 06/08/06	PDI I9-9-24-SB-2-SES I9-9-24-SB-2-SES 13-15 06/08/06	PDI I9-9-24-SB-2-SES-1 I9-9-24-SB-2-SES-1 9-11 03/15/07
Semivolatile Organics (continued)						
Pyridine	55	NA	NA	NA	NA	NA
Safrole	Not Listed	NA	NA	NA	NA	NA
Sulfotep	27	NA	NA	NA	NA	NA
Thionazin	330	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	Not Applicable	NA	ND(0.0000076)	NA	NA	NA
TCDFs (total)	Not Applicable	NA	ND(0.0000076)	NA	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	NA	ND(0.0000019)	NA	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	NA	ND(0.0000019)	NA	NA	NA
PeCDFs (total)	Not Applicable	NA	ND(0.0000019)	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	NA	ND(0.0000019)	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	NA	ND(0.0000019)	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	NA	ND(0.0000019)	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	NA	ND(0.0000019)	NA	NA	NA
HxCDFs (total)	Not Applicable	NA	ND(0.0000019)	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	ND(0.0000019)	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	ND(0.0000019)	NA	NA	NA
HpCDFs (total)	Not Applicable	NA	ND(0.0000019)	NA	NA	NA
OCDF	Not Applicable	NA	ND(0.0000037)	NA	NA	NA
Dioxins						
2,3,7,8-TCDD	Not Applicable	NA	ND(0.0000043)	NA	NA	NA
TCDDs (total)	Not Applicable	NA	ND(0.0000012)	NA	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	NA	ND(0.0000019)	NA	NA	NA
PeCDDs (total)	Not Applicable	NA	ND(0.0000019)	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	NA	ND(0.0000019)	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	NA	ND(0.0000019)	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	NA	ND(0.0000019)	NA	NA	NA
HxCDDs (total)	Not Applicable	NA	ND(0.0000019)	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	0.0000032 J	NA	NA	NA
HpCDDs (total)	Not Applicable	NA	0.0000058 J	NA	NA	NA
OCDD	Not Applicable	NA	0.000065	NA	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	NA	0.0000024	NA	NA	NA
Inorganics						
Aluminum	75,000	4930 J	NA	4230 J	4630 J	11000
Antimony	30	1.56 J	NA	3.32 J	1.83 J	84.6 J
Arsenic	0.38	18.4 J	NA	6.54 J	4.93 J	21.7
Barium	5,200	100 J	NA	168 J	75.0 J	149
Beryllium	150	0.521 J	NA	0.255 J	0.202 J	1.20 B
Cadmium	37	0.357 J	NA	7.14 J	ND(1.71) J	ND(1.64) J
Calcium	Not Listed	117000 J	NA	16700 J	11600 J	16100
Chromium	210	10.6 J	NA	423 J	9.42 J	36.2
Cobalt	3,300	12.5 J	NA	4.49 J	3.54 J	12.5
Copper	2,800	430 J	NA	260 J	236 J	87.5 J
Cyanide	11	NA	NA	NA	NA	NA
Iron	22,000	16300 J	NA	49300 J	26400 J	66400
Lead	400	1400 J	3.2	1060 J	206 J	203
Magnesium	Not Listed	6260 J	NA	1780 J	1510 J	1820
Manganese	3,100	1080 J	NA	479 J	337 J	737
Mercury	22	0.889 J	NA	0.560 J	0.472 J	0.248
Nickel	1,500	76.6 J	NA	23.4 J	12.8 J	36.9
Potassium	Not Listed	927 J	NA	446 J	385 J	755
Selenium	370	2.78 J	NA	0.812 J	1.25 J	ND(3.29) J
Silver	370	1.57 J	NA	ND(1.65) J	ND(1.71) J	ND(1.64) J
Sodium	Not Listed	1100 J	NA	653 J	665 J	589
Sulfide	350	NA	NA	NA	NA	NA
Thallium	6	0.950 J	NA	ND(1.65) J	ND(1.71) J	ND(1.64)
Tin	45,000	NA	NA	NA	NA	NA
Vanadium	520	20.2 J	NA	13.7 J	8.38 J	24.9
Zinc	22,000	798 J	NA	2030 J	154 J	1000

TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-24 (BANK AND NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-24-SB-2-SES-2 I9-9-24-SB-2-SES-2 9-11 03/15/07	PDI I9-9-24-SB-2-W I9-9-24-SB-2-W 9-11 06/08/06	PDI I9-9-24-SB-2-W I9-9-24-SB-2-W 13-15 10/18/05	PDI I9-9-24-SB-2-W I9-9-24-SB-2-W 13-15 06/08/06
Volatile Organics					
1,1,1,2-Tetrachloroethane	2.8	NA	NA	NA	NA
1,1,1-Trichloroethane	680	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	0.36	NA	NA	NA	NA
1,1,2-Trichloroethane	0.82	NA	NA	NA	NA
1,1-Dichloroethane	570	NA	NA	NA	NA
1,1-Dichloroethene	0.052	NA	NA	NA	NA
1,2,3-Trichloropropane	0.0014	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	0.32	NA	NA	NA	NA
1,2-Dibromoethane	0.0049	NA	NA	NA	NA
1,2-Dichloroethane	0.34	NA	NA	NA	NA
1,2-Dichloropropane	0.34	NA	NA	NA	NA
1,4-Dioxane	40	NA	NA	NA	NA
2-Butanone	6,900	NA	NA	NA	NA
2-Chloro-1,3-butadiene	3.6	NA	NA	NA	NA
2-Chloroethylvinylether	0.18	NA	NA	NA	NA
2-Hexanone	750	NA	NA	NA	NA
3-Chloropropene	2,700	NA	NA	NA	NA
4-Methyl-2-pentanone	750	NA	NA	NA	NA
Acetone	1,400	NA	NA	NA	NA
Acetonitrile	200	NA	NA	NA	NA
Acrolein	0.1	NA	NA	NA	NA
Acrylonitrile	0.19	NA	NA	NA	NA
Benzene	0.62	NA	NA	NA	NA
Bromodichloromethane	0.98	NA	NA	NA	NA
Bromoform	56	NA	NA	NA	NA
Bromomethane	3.8	NA	NA	NA	NA
Carbon Disulfide	350	NA	NA	NA	NA
Carbon Tetrachloride	0.23	NA	NA	NA	NA
Chlorobenzene	54	NA	NA	NA	NA
Chloroethane	1,600	NA	NA	NA	NA
Chloroform	0.24	NA	NA	NA	NA
Chloromethane	1.2	NA	NA	NA	NA
cis-1,3-Dichloropropene	Not Listed	NA	NA	NA	NA
Dibromochloromethane	5.3	NA	NA	NA	NA
Dibromomethane	550	NA	NA	NA	NA
Dichlorodifluoromethane	94	NA	NA	NA	NA
Ethyl Methacrylate	140	NA	NA	NA	NA
Ethylbenzene	230	NA	NA	NA	NA
Iodomethane	1.2	NA	NA	NA	NA
Isobutanol	10,000	NA	NA	NA	NA
Methacrylonitrile	1.8	NA	NA	NA	NA
Methyl Methacrylate	2,200	NA	NA	NA	NA
Methylene Chloride	8.5	NA	NA	NA	NA
Propionitrile	200	NA	NA	NA	NA
Styrene	1,700	NA	NA	NA	NA
Tetrachloroethene	4.7	NA	NA	NA	NA
Toluene	520	NA	NA	NA	NA
trans-1,2-Dichloroethene	62	NA	NA	NA	NA
trans-1,3-Dichloropropene	Not Listed	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	Not Listed	NA	NA	NA	NA
Trichloroethene	2.7	NA	NA	NA	NA
Trichlorofluoromethane	380	NA	NA	NA	NA
Vinyl Acetate	420	NA	NA	NA	NA
Vinyl Chloride	0.021	NA	NA	NA	NA
Xylenes (total)	210	NA	NA	NA	NA

**TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-24 (BANK AND NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-24-SB-2-SES-2 I9-9-24-SB-2-SES-2 9-11 03/15/07	PDI I9-9-24-SB-2-W I9-9-24-SB-2-W 9-11 06/08/06	PDI I9-9-24-SB-2-W I9-9-24-SB-2-W 13-15 10/18/05	PDI I9-9-24-SB-2-W I9-9-24-SB-2-W 13-15 06/08/06
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	16	NA	NA	NA	NA
1,2,4-Trichlorobenzene	480	NA	NA	NA	NA
1,2-Dichlorobenzene	370	NA	NA	NA	NA
1,2-Diphenylhydrazine	0.56	NA	NA	NA	NA
1,3,5-Trinitrobenzene	1,600	NA	NA	NA	NA
1,3-Dichlorobenzene	41	NA	NA	NA	NA
1,3-Dinitrobenzene	5.5	NA	NA	NA	NA
1,4-Dichlorobenzene	3	NA	NA	NA	NA
1,4-Naphthoquinone	55	NA	NA	NA	NA
1-Naphthylamine	Not Listed	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	1,600	NA	NA	NA	NA
2,4,5-Trichlorophenol	5,500	NA	NA	NA	NA
2,4,6-Trichlorophenol	40	NA	NA	NA	NA
2,4-Dichlorophenol	160	NA	NA	NA	NA
2,4-Dimethylphenol	1,100	NA	NA	NA	NA
2,4-Dinitrophenol	110	NA	NA	NA	NA
2,4-Dinitrotoluene	110	NA	NA	NA	NA
2,6-Dichlorophenol	160	NA	NA	NA	NA
2,6-Dinitrotoluene	55	NA	NA	NA	NA
2-Acetylaminofluorene	0.56	NA	NA	NA	NA
2-Chloronaphthalene	3,700	NA	NA	NA	NA
2-Chlorophenol	59	NA	NA	NA	NA
2-Methylnaphthalene	55	NA	NA	NA	NA
2-Methylphenol	2,700	NA	NA	NA	NA
2-Naphthylamine	Not Listed	NA	NA	NA	NA
2-Nitroaniline	3.3	NA	NA	NA	NA
2-Nitrophenol	Not Listed	NA	NA	NA	NA
2-Picoline	55	NA	NA	NA	NA
3&4-Methylphenol	270	NA	NA	NA	NA
3,3'-Dichlorobenzidine	0.99	NA	NA	NA	NA
3,3'-Dimethylbenzidine	0.048	NA	NA	NA	NA
3-Methylcholanthrene	0.056	NA	NA	NA	NA
3-Nitroaniline	5.5	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	55	NA	NA	NA	NA
4-Aminobiphenyl	1,400	NA	NA	NA	NA
4-Bromophenyl-phenylether	160	NA	NA	NA	NA
4-Chloro-3-Methylphenol	2,700	NA	NA	NA	NA
4-Chloroaniline	220	NA	NA	NA	NA
4-Chlorobenzilate	1.6	NA	NA	NA	NA
4-Chlorophenyl-phenylether	Not Listed	NA	NA	NA	NA
4-Methylphenol	270	NA	NA	NA	NA
4-Nitroaniline	5.5	NA	NA	NA	NA
4-Nitrophenol	3,400	NA	NA	NA	NA
4-Nitroquinoline-1-oxide	110	NA	NA	NA	NA
4-Phenylenediamine	10,000	NA	NA	NA	NA
5-Nitro-o-toluidine	13	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	0.056	NA	NA	NA	NA
a,a'-Dimethylphenethylamine	55	NA	NA	NA	NA
Acenaphthene	2,600	NA	NA	NA	NA
Acenaphthylene	55	NA	NA	NA	NA
Acetophenone	0.49	NA	NA	NA	NA
Aniline	78	NA	NA	NA	NA
Anthracene	14,000	NA	NA	NA	NA
Aramite	18	NA	NA	NA	NA
Benzidine	0.0019	NA	NA	NA	NA
Benzo(a)anthracene	0.56	NA	NA	NA	NA
Benzo(a)pyrene	0.056	NA	NA	NA	NA
Benzo(b)fluoranthene	0.56	NA	NA	NA	NA
Benzo(g,h,i)perylene	55	NA	NA	NA	NA

TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-24 (BANK AND NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-24-SB-2-SES-2 I9-9-24-SB-2-SES-2 9-11 03/15/07	PDI I9-9-24-SB-2-W I9-9-24-SB-2-W 9-11 06/08/06	PDI I9-9-24-SB-2-W I9-9-24-SB-2-W 13-15 10/18/05	PDI I9-9-24-SB-2-W I9-9-24-SB-2-W 13-15 06/08/06
Semivolatile Organics (continued)					
Benzo(k)fluoranthene	5.6	NA	NA	NA	NA
Benzoic Acid	100,000	NA	NA	NA	NA
Benzyl Alcohol	16,000	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	Not Listed	NA	NA	NA	NA
bis(2-Chloroethyl)ether	0.18	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	2.5	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	32	NA	NA	NA	NA
Butylbenzylphthalate	930	NA	NA	NA	NA
Chrysene	56	NA	NA	NA	NA
Diallate	7.3	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.056	NA	NA	NA	NA
Dibenzofuran	210	NA	NA	NA	NA
Diethylphthalate	44,000	NA	NA	NA	NA
Dimethylphthalate	100,000	NA	NA	NA	NA
Di-n-Butylphthalate	5,500	NA	NA	NA	NA
Di-n-Octylphthalate	1,100	NA	NA	NA	NA
Dinoseb	55	NA	NA	NA	NA
Diphenylamine	1,400	NA	NA	NA	NA
Ethyl Methacrylate	140	NA	NA	NA	NA
Ethyl Methanesulfonate	Not Listed	NA	NA	NA	NA
Fluoranthene	2,000	NA	NA	NA	NA
Fluorene	1,800	NA	NA	NA	NA
Hexachlorobenzene	0.28	NA	NA	NA	NA
Hexachlorobutadiene	5.7	NA	NA	NA	NA
Hexachlorocyclopentadiene	380	NA	NA	NA	NA
Hexachloroethane	32	NA	NA	NA	NA
Hexachlorophene	16	NA	NA	NA	NA
Hexachloropropene	Not Listed	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.56	NA	NA	NA	NA
Isodrin	Not Listed	NA	NA	NA	NA
Isophorone	470	NA	NA	NA	NA
Isosafrole	Not Listed	NA	NA	NA	NA
Methapyrilene	55	NA	NA	NA	NA
Methyl Methanesulfonate	Not Listed	NA	NA	NA	NA
Naphthalene	55	NA	NA	NA	NA
Nitrobenzene	16	NA	NA	NA	NA
N-Nitrosodiethylamine	0.003	NA	NA	NA	NA
N-Nitrosodimethylamine	0.0087	NA	NA	NA	NA
N-Nitroso-di-n-butylamine	0.022	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	0.063	NA	NA	NA	NA
N-Nitrosodiphenylamine	91	NA	NA	NA	NA
N-Nitrosomethylethylamine	0.02	NA	NA	NA	NA
N-Nitrosomorpholine	0.21	NA	NA	NA	NA
N-Nitrosopiperidine	0.21	NA	NA	NA	NA
N-Nitrosopyrrolidine	0.21	NA	NA	NA	NA
o,o,o-Triethylphosphorothioate	11	NA	NA	NA	NA
o-Toluidine	1.9	NA	NA	NA	NA
p-Dimethylaminoazobenzene	0.99	NA	NA	NA	NA
Pentachlorobenzene	44	NA	NA	NA	NA
Pentachloroethane	2.8	NA	NA	NA	NA
Pentachloronitrobenzene	1.7	NA	NA	NA	NA
Pentachlorophenol	2.5	NA	NA	NA	NA
Phenacetin	640	NA	NA	NA	NA
Phenanthrene	55	NA	NA	NA	NA
Phenol	33,000	NA	NA	NA	NA
Pronamide	4,100	NA	NA	NA	NA
Pyrene	1,500	NA	NA	NA	NA

**TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-24 (BANK AND NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-24-SB-2-SES-2 I9-9-24-SB-2-SES-2 9-11 03/15/07	PDI I9-9-24-SB-2-W I9-9-24-SB-2-W 9-11 06/08/06	PDI I9-9-24-SB-2-W I9-9-24-SB-2-W 13-15 10/18/05	PDI I9-9-24-SB-2-W I9-9-24-SB-2-W 13-15 06/08/06
Semivolatile Organics (continued)					
Pyridine	55	NA	NA	NA	NA
Safrole	Not Listed	NA	NA	NA	NA
Sulfotep	27	NA	NA	NA	NA
Thionazin	330	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Applicable	NA	NA	0.0000081 Y	NA
TCDFs (total)	Not Applicable	NA	NA	0.00011	NA
1,2,3,7,8-PeCDF	Not Applicable	NA	NA	0.0000044 J	NA
2,3,4,7,8-PeCDF	Not Applicable	NA	NA	0.0000091 J	NA
PeCDFs (total)	Not Applicable	NA	NA	0.000083	NA
1,2,3,4,7,8-HxCDF	Not Applicable	NA	NA	0.000013 J	NA
1,2,3,6,7,8-HxCDF	Not Applicable	NA	NA	0.0000069 J	NA
1,2,3,7,8,9-HxCDF	Not Applicable	NA	NA	ND(0.0000036)	NA
2,3,4,6,7,8-HxCDF	Not Applicable	NA	NA	0.0000058 J	NA
HxCDFs (total)	Not Applicable	NA	NA	0.000082	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	NA	0.000019 J	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	NA	0.0000039 J	NA
HpCDFs (total)	Not Applicable	NA	NA	0.000045	NA
OCDF	Not Applicable	NA	NA	0.000022 J	NA
Dioxins					
2,3,7,8-TCDD	Not Applicable	NA	NA	0.0000095 J	NA
TCDDs (total)	Not Applicable	NA	NA	0.0000032 J	NA
1,2,3,7,8-PeCDD	Not Applicable	NA	NA	ND(0.0000036)	NA
PeCDDs (total)	Not Applicable	NA	NA	0.0000065 J	NA
1,2,3,4,7,8-HxCDD	Not Applicable	NA	NA	ND(0.0000036)	NA
1,2,3,6,7,8-HxCDD	Not Applicable	NA	NA	ND(0.0000036)	NA
1,2,3,7,8,9-HxCDD	Not Applicable	NA	NA	ND(0.0000036)	NA
HxCDDs (total)	Not Applicable	NA	NA	0.000021 J	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	NA	0.000037	NA
HpCDDs (total)	Not Applicable	NA	NA	0.000073	NA
OCDD	Not Applicable	NA	NA	0.00038	NA
Total TEQs (WHO TEFs)	Not Applicable	NA	NA	0.000012	NA
Inorganics					
Aluminum	75,000	8240	7360 J	NA	7560 J
Antimony	30	ND(5.00) J	2.09 J	NA	1.42 J
Arsenic	0.38	7.52 B	2.68 J	NA	3.02 J
Barium	5,200	486	182 J	NA	47.9 J
Beryllium	150	1.05 B	0.240 J	NA	0.340 J
Cadmium	37	ND(1.25) J	1.48 J	NA	ND(1.16) J
Calcium	Not Listed	5490	9780 J	NA	7450 J
Chromium	210	16.6	14.5 J	NA	9.28 J
Cobalt	3,300	7.45	6.24 J	NA	5.61 J
Copper	2,800	92.9 J	76.1 J	NA	75.5 J
Cyanide	11	NA	NA	NA	NA
Iron	22,000	18800	28200 J	NA	45400 J
Lead	400	875	575 J	580	102 J
Magnesium	Not Listed	2710	2950 J	NA	1470 J
Manganese	3,100	221	299 J	NA	521 J
Mercury	22	0.14	4.73 J	NA	0.213 J
Nickel	1,500	17.1	19.6 J	NA	13.8 J
Potassium	Not Listed	799	310 J	NA	399 J
Selenium	370	ND(2.50) J	ND(2.69) J	NA	ND(2.27) J
Silver	370	ND(1.25) J	ND(1.34) J	NA	ND(1.14) J
Sodium	Not Listed	348	148 J	NA	134 J
Sulfide	350	NA	NA	NA	NA
Thallium	6	ND(1.25)	ND(1.34) J	NA	ND(1.14) J
Tin	45,000	NA	NA	NA	NA
Vanadium	520	17.9	13.6 J	NA	13.5 J
Zinc	22,000	601	197 J	NA	62.6 J

TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-24 (BANK AND NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Data Types: PDI = GE Pre-Design Investigation soil sampling; Historical = GE Historical soil sampling.
3. PDI Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
4. NA - Not Analyzed.
5. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
6. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
7. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- B - Analyte was also detected in the associated method blank.
- E - Analyte exceeded calibration range.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- J - Estimated Value.
- 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.

Inorganics

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

**TABLE E-48
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
PARCEL I9-9-24 (BANK and NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS**

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
Benzene	0.25	0.62	No
Carbon Disulfide	0.64	350	No
Chlorobenzene	0.91	54	No
Ethylbenzene	0.15	230	No
Tetrachloroethene	0.04	4.7	No
Toluene	0.54	520	No
Xylenes (total)	0.62	210*	No
Semivolatile Organics			
1,3-Dichlorobenzene	0.87	41	No
1,4-Dichlorobenzene	2.7	3	No
2-Methylnaphthalene	1.6	55*	No
2-Methylphenol	4.5	2,700	No
3&4-Methylphenol	1.4	270*	No
Acenaphthene	24	2,600	No
Acenaphthylene	0.95	55*	No
Aniline	140	78	Yes
Anthracene	1.4	14,000	No
Benzo(a)anthracene	1.5	0.56	Yes
Benzo(a)pyrene	1.3	0.056	Yes
Benzo(b)fluoranthene	1.5	0.56	Yes
Benzo(g,h,i)perylene	0.45	55*	No
Benzo(k)fluoranthene	1.3	5.6	No
bis(2-Ethylhexyl)phthalate	0.91	32	No
Chrysene	2.4	56	No
Dibenzo(a,h)anthracene	0.33	0.056	Yes
Dibenzofuran	0.088	210	No
Di-n-Butylphthalate	0.087	5,500	No
Fluoranthene	4.1	2,000	No
Fluorene	0.21	1,800	No
Indeno(1,2,3-cd)pyrene	0.89	0.56	Yes
Naphthalene	0.99	55	No
Phenanthrene	4	55*	No
Phenol	16	33,000	No
Pyrene	5.3	1,500	No
Inorganics			
Antimony	38.1	30	Yes
Arsenic	42	0.38	Yes
Barium	1,140	5,200	No
Beryllium	1	150	No
Cadmium	191	37	Yes
Chromium	760	210	Yes
Cobalt	22	3,300	No
Copper	4,100	2,800	Yes
Cyanide	18	11*	Yes
Lead	2,300	400	Yes
Mercury	23	22	Yes
Nickel	390	1,500	No
Selenium	5.4	370	No
Silver	100	370	No
Sulfide	11,000	350*	Yes
Thallium	18	6	Yes
Tin	680	45,000	No
Vanadium	48	520	No
Zinc	10,900	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), 3&4-methylphenol, cyanide, sulfide, or xylenes (total). The PRGs for naphthalene, 4-methylphenol, hydrogen cyanide, carbon disulfide, and m-xylene, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-49
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-24: 0- TO 1-FOOT DEPTH INCREMENT (BANK and NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	SLB-5-BB 0-0.5 01/19/95	I9-9-24-SB-1 0-1 07/01/03	I9-9-24-SB-2 0-1 07/01/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics							
Aniline	0.19	0.30	0.21	N/A (See Note 5)	0.23	Not Listed	No
Benzo(a)anthracene	0.19	0.26	0.20	N/A (See Note 5)	0.22	7	No
Benzo(a)pyrene	0.19	0.31	0.20	N/A (See Note 5)	0.23	2	No
Benzo(b)fluoranthene	0.19	0.21	0.12	N/A (See Note 5)	0.17	7	No
Dibenzo(a,h)anthracene	0.19	0.30	0.21	N/A (See Note 5)	0.23	0.7	No
Indeno(1,2,3-cd)pyrene	0.19	0.21	0.13	N/A (See Note 5)	0.18	7	No
Dioxins/Furans							
Total TEQs (WHO TEFs)	1.20E-06	1.20E-05	2.80E-05	2.80E-05	N/A (See Note 5)	1.00E-03	No
Inorganics							
Antimony	2.95	3.00	3.00	N/A (See Note 5)	2.98	20	No
Arsenic	2.60	6.30	6.80	N/A (See Note 5)	5.23	20	No
Cadmium	0.640	0.330	0.470	N/A (See Note 5)	0.480	2	No
Chromium	6.70	7.90	9.60	N/A (See Note 5)	8.07	30	No
Copper	22.5	39.0	34.0	N/A (See Note 5)	31.83	770*	No
Cyanide	0.27	0.460	0.220	N/A (See Note 5)	0.315	100	No
Lead	41.7	120	360	N/A (See Note 5)	174	300	No
Mercury	0.0600	0.240	0.320	N/A (See Note 5)	0.207	20	No
Sulfide	--	9.00	3.10	N/A (See Note 5)	6.05	633**	No
Thallium	0.115	0.700	0.600	N/A (See Note 5)	0.472	8	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = No MCP Method 1 standard exists for copper, but an MCP Method 2 soil standard (Category S-1/GW-3) has been derived for copper using the procedure in 310 CMR 40.0984.6 as described in Attachment A of a letter submitted by GE on April 11, 2001 to MDEP (copied to EPA) regarding *Revised Evaluation of Appendix IX+3 Constituents, Revised Soil Removal Limits, and Proposed Groundwater Investigation for the following Parcels: I9-9-26, I9-9-27, I9-9-28, and I9-9-29*. This derived soil standard is 770 ppm.
- ** = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- = Not analyzed.

**TABLE E-50
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-24: 1- TO X-FOOT [X=15] DEPTH INCREMENT (BANK and NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-24-SB-1 1-3 07/01/03	I9-9-24-SB-2 3-5 07/01/03	I9-9-24-SB-1 9-11 02/01/05	I9-9-24-SB-2-SE 9-11 06/08/06	I9-9-24-SB-2-SES 9-11 06/08/06	I9-9-24-SB-2-W 9-11 06/08/06
Semivolatile Organics						
Aniline	0.22	0.21	1.9	--	--	--
Benzo(a)anthracene	0.22	0.11	2.5	--	--	--
Benzo(a)pyrene	0.22	0.13	2.2	--	--	--
Benzo(b)fluoranthene	0.22	0.12	2.0	--	--	--
Dibenzo(a,h)anthracene	0.22	0.21	1.8	--	--	--
Indeno(1,2,3-cd)pyrene	0.22	0.21	1.9	--	--	--
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.10E-05	6.50E-06	2.10E-04	--	--	--
Inorganics						
Antimony	3.00	3.00	4.45	23.5	3.32	2.09
Arsenic	7.30	4.40	13.0	8.54	6.54	2.68
Cadmium	0.350	0.250	8.90	97.7	7.14	1.48
Chromium	9.70	8.30	65.5	12.2	423	14.5
Copper	100	23.0	310	36.3	260	76.1
Cyanide	0.120	0.0590	0.955	--	--	--
Lead	220	51.0	340	233	1,060	575
Mercury	0.670	0.140	1.15	0.104	0.56	4.73
Sulfide	290	63.0	1,250	--	--	--
Thallium	0.650	0.650	9.50	9.16	0.825	0.670

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-24-SB-2-SES-1 9-11 03/15/07	I9-9-24-SB-2-SES-2 9-11 03/15/07	COMP-I9-9-24-SB-2 9-11 (See Note 1)	I9-9-24-SB-2 13-15 (See Note 2)	I9-9-24-SB-2-SE 13-15 (See Note 3)	I9-9-24-SB-2-SES 13-15 06/08/06
Semivolatile Organics						
Aniline	--	--	--	140	--	--
Benzo(a)anthracene	--	--	--	1.2	--	--
Benzo(a)pyrene	--	--	--	1.3	--	--
Benzo(b)fluoranthene	--	--	--	1.5	--	--
Dibenzo(a,h)anthracene	--	--	--	0.33	--	--
Indeno(1,2,3-cd)pyrene	--	--	--	0.89	--	--
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	--	4.90E-03	2.50E-06	--
Inorganics						
Antimony	84.6	2.44	20.1	14.0	1.56	1.83
Arsenic	21.7	7.52	10.0	42.0	18.4	4.93
Cadmium	0.973	0.788	19.5	110	0.357	0.855
Chromium	36.2	16.6	94.7	760	10.6	9.42
Copper	87.5	92.9	144	4,100	430	236
Cyanide	--	--	--	18.0	--	--
Lead	203	875	548	2,300	702	206
Mercury	0.248	0.140	1.16	23.0	0.889	0.472
Sulfide	--	--	--	11,000	--	--
Thallium	0.820	0.625	3.60	18.0	0.950	0.855

See Notes on Page 2

**TABLE E-50
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-24: 1- TO X-FOOT [X=15] DEPTH INCREMENT (BANK and NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

	I9-9-24-SB-2-W 13-15 (See Note 4)	COMP-I9-9-24-SB-2 13-15 (See Note 5)	Maximum Sample Result	Arithmetic Average Concentration (See Note 8)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 9)	Constituent Exceeds Comparison Criteria? (See Note 10)
Semivolatile Organics						
Aniline	--	--	N/A (See Note 10)	35.6 (See Note 15)	Not Listed	Yes
Benzo(a)anthracene	--	--	N/A (See Note 10)	1.0	7	No
Benzo(a)pyrene	--	--	N/A (See Note 10)	0.96	2	No
Benzo(b)fluoranthene	--	--	N/A (See Note 10)	0.96	7	No
Dibenzo(a,h)anthracene	--	--	N/A (See Note 10)	0.64	0.7	No
Indeno(1,2,3-cd)pyrene	--	--	N/A (See Note 10)	0.81	7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.20E-05	--	4.90E-03	N/A (See Note 10)	1.00E-03	Yes
Inorganics						
Antimony	1.42	4.7	N/A (See Note 10)	7.69	20	No
Arsenic	3.02	17.1	N/A (See Note 10)	9.70	20	No
Cadmium	0.580	27.9	N/A (See Note 10)	12.0	2	Yes
Chromium	9.28	197	N/A (See Note 10)	77.5	30	Yes
Copper	75.5	1,210	N/A (See Note 10)	369	770*	No
Cyanide	--	--	N/A (See Note 10)	4.78	100	No
Lead	341	887	N/A (See Note 10)	426	300	Yes
Mercury	0.213	6.14	N/A (See Note 10)	2.03	20	No
Sulfide	--	--	N/A (See Note 10)	3,160	633**	Yes
Thallium	0.570	5.09	N/A (See Note 10)	2.50	8	No

Notes:

- The inorganic results presented for this sample location represent the average results from the following samples (depth; date collected): I9-9-24-SB-1 (9-11'; 2/01/05), I9-9-24-SB-2-SE (9-11'; 6/8/06), I9-9-24-SB-2-SES (9-11'; 6/8/06), I9-9-24-SB-2-W (9-11'; 6/8/06), I9-9-24-SB-2-SES-1 (9-11'; 3/15/07), and I9-9-24-SB-2-SES-2 (9-11'; 3/15/07).
- The dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene results presented for this sample location were observed in sample I9-9-24-SB-2 (13-15'; 10/17/05). The remaining SVOCs, total TEQ concentration and inorganic results were observed in sample I9-9-24-SB-2 (13-15'; 2/01/05).
- The Total TEQs result presented for this sample location was observed in sample I9-9-24-SB-2-SE (13-15'; 10/18/05). The cadmium, chromium, and copper results were observed in sample I9-9-24-SB-2-SE (13-15'; 6/08/06). The lead result presented in sample I9-9-24-SB-2SE (13-15') is the average of those results observed from the 10/18/05 and 6/08/06 sampling events.
- The Total TEQs result presented for this sample location was observed in sample I9-9-24-SB-2-W (13-15'; 10/18/05). The cadmium, chromium, and copper results were observed in sample I9-9-24-SB-2-W (13-15'; 6/08/06). The lead result presented in sample I9-9-24-SB-2-W (13-15') is the average of those results observed from the 10/18/05 and 6/08/06 sampling events.
- The inorganics results presented for this sample location represent the average result from the following samples (depth; date collected): I9-9-24-SB-2 (13-15'; 2/01/05), I9-9-24-SB-2-SE (13-15'; see note 3), I9-9-24-SB-2-W (13-15'; see note 4), and I9-9-24-2-SES [Cd, Cr, Cu ONLY] (13-15'; 6/8/06).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
- = Not analyzed.
- * = No MCP Method 1 standard exists for copper, but an MCP Method 2 soil standard (Category S-1/GW-3) has been derived for copper using the procedure in 310 CMR 40.0984, as described in Attachment A of a letter submitted by GE on April 11, 2001 to MDEP (copied to EPA) regarding *Revised Evaluation of Appendix IX+3 Constituents, Revised Soil Removal Limits, and Proposed Groundwater Investigation for the following Parcels: I9-9-26, I9-9-27, I9-9-28, and I9-9-29*. This derived soil standard is 770 ppm.
- ** = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- As discussed in the September 8, 2006 *Fourth Interim Pre-Design Investigation Report for Soils Adjacent to Silver Lake*: Given that: (1) location I9-9-24-SB-2 was the only location in which aniline was detected; (2) the average existing concentration in the 1- to 15-foot depth increment (35.6 ppm) is well below the EPA PRG for aniline (78 ppm); and (3) the soil in and around location I9-9-24-SB-2 will be removed to a depth of 15 feet below ground surface to address PCBs and other constituents (namely, dioxins/furans, cadmium, chromium, copper, and lead), GE does not believe that there is a need for delineation sampling or additional remediation for aniline at this parcel.

TABLE E-51
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-24: 1- TO X-FOOT [X=15] DEPTH INCREMENT (BANK and NON-BANK)
REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-24-SB-1 1-3 07/01/03	I9-9-24-SB-2 3-5 07/01/03	I9-9-24-SB-1 9-11 02/01/05	I9-9-24-SB-2-SE 9-11 06/08/06	I9-9-24-SB-2-SES 9-11 06/08/06	I9-9-24-SB-2-W 9-11 06/08/06
Semivolatile Organics						
Aniline	0.22	0.21	1.9	--	--	--
Benzo(a)anthracene	0.22	0.11	2.5	--	--	--
Benzo(a)pyrene	0.22	0.13	2.2	--	--	--
Benzo(b)fluoranthene	0.22	0.12	2.0	--	--	--
Dibenzo(a,h)anthracene	0.22	0.21	1.8	--	--	--
Indeno(1,2,3-cd)pyrene	0.22	0.21	1.9	--	--	--
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.10E-05	6.50E-06	2.10E-04	--	--	--
Inorganics						
Antimony	3.00	3.00	3.83	3.83	3.83	2.09
Arsenic	7.30	4.40	6.53	6.53	6.53	2.68
Cadmium	0.350	0.250	0.572	0.572	0.572	1.48
Chromium	9.70	8.30	7.18	7.18	7.18	14.5
Copper	100	23.0	9.17	9.17	9.17	76.1
Cyanide	0.120	0.0590	0.955	--	--	--
Lead	220	51.0	6.24	6.24	6.24	575
Mercury	0.670	0.140	0.0729	0.0729	0.0729	4.73
Sulfide	290	63.0	1,250	--	--	--
Thallium	0.650	0.650	0.861	0.861	0.861	0.670

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-24-SB-2-SES-1 9-11 03/15/07	I9-9-24-SB-2-SES-2 9-11 03/15/07	COMP-I9-9-24-SB-1 9-11 (See Note 1)	I9-9-24-SB-2 13-15 (See Note 2)	I9-9-24-SB-2-SE 13-15 (See Note 3)	I9-9-24-SB-2-SES 13-15 06/08/06
Semivolatile Organics						
Aniline	--	--	--	140 (See Note 16)	--	--
Benzo(a)anthracene	--	--	--	1.2	--	--
Benzo(a)pyrene	--	--	--	1.3	--	--
Benzo(b)fluoranthene	--	--	--	1.5	--	--
Dibenzo(a,h)anthracene	--	--	--	0.33	--	--
Indeno(1,2,3-cd)pyrene	--	--	--	0.89	--	--
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	--	1.00E-06	2.50E-06	--
Inorganics						
Antimony	84.6	2.44	16.77	3.83	1.56	1.83
Arsenic	21.7	7.52	8.58	6.53	18.4	4.93
Cadmium	0.973	0.788	0.83	0.572	0.357	0.855
Chromium	36.2	16.6	14.8	7.18	10.6	9.42
Copper	87.5	92.9	47.3	9.17	430	236
Cyanide	--	--	--	18.0	--	--
Lead	203	875	279	6.24	702	206
Mercury	0.248	0.140	0.889	0.0729	0.889	0.472
Sulfide	--	--	--	11,000	--	--
Thallium	0.820	0.625	0.783	0.861	0.950	0.855

See Notes on Page 3

TABLE E-51
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-24: 1- TO X-FOOT [X=15] DEPTH INCREMENT (BANK and NON-BANK)
REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

	I9-9-24-SB-2-W 13-15 (See Note 4)	COMP-I9-9-24-SB-2 13-15 (See Note 5)	Maximum Sample Result	Arithmetic Average Concentration (See Note 8)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 9)	Constituent Exceeds Comparison Criteria? (See Note 10)
Semivolatile Organics						
Aniline	--	--	N/A (See Note 10)	35.6 (See Note 16)	Not Listed	(See Note 16)
Benzo(a)anthracene	--	--	N/A (See Note 10)	1.0	7	No
Benzo(a)pyrene	--	--	N/A (See Note 10)	0.96	2	No
Benzo(b)fluoranthene	--	--	N/A (See Note 10)	0.96	7	No
Dibenzo(a,h)anthracene	--	--	N/A (See Note 10)	0.64	0.7	No
Indeno(1,2,3-cd)pyrene	--	--	N/A (See Note 10)	0.81	7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.20E-05	--	2.10E-04	N/A (See Note 10)	1.00E-03	No
Inorganics						
Antimony	1.42	2.16	N/A (See Note 10)	6.23	20	No
Arsenic	3.02	8.22	N/A (See Note 10)	7.13	20	No
Cadmium	0.580	0.591	N/A (See Note 10)	0.504	2	No
Chromium	9.28	9.12	N/A (See Note 10)	10.5	30	No
Copper	75.5	188	N/A (See Note 10)	90	770*	No
Cyanide	--	--	N/A (See Note 10)	4.78	100	No
Lead	341	314	N/A (See Note 10)	216	300	No
Mercury	0.213	0.412	N/A (See Note 10)	0.528	20	No
Sulfide	--	--	N/A (See Note 10)	3,160	633**	(See Note 17)
Thallium	0.570	0.809	N/A (See Note 10)	0.723	8	No

See Notes on Page 3

TABLE E-51
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-24: 1- TO X-FOOT [X=15] DEPTH INCREMENT (BANK and NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. The inorganic results presented for this sample location represent the average results from the following samples (depth; date collected): I9-9-24-SB-1 (9-11'; 2/01/05), I9-9-24-SB-2-SE (9-11'; 6/8/06), I9-9-24-SB-2-SES (9-11'; 6/8/06), I9-9-24-SB-2-W (9-11'; 6/8/06), I9-9-24-SB-2-SES-1 (9-11'; 3/15/07), and I9-9-24-SB-2-SES-2 (9-11'; 3/15/07).
2. The dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene results presented for this sample location were observed in sample I9-9-24-SB-2 (13-15'; 10/17/05). The remaining SVOCs, total TEQ concentration and inorganic results were observed in sample I9-9-24-SB-2 (13-15'; 2/01/05).
3. The Total TEQs result presented for this sample location was observed in sample I9-9-24-SB-2-SE (13-15'; 10/18/05). The cadmium, chromium, and copper results were observed in sample I9-9-24-SB-2-SE (13-15'; 6/08/06). The lead result presented in sample I9-9-24-SB-2-SE (13-15') is the average of those results observed from the 10/18/05 and 6/08/06 sampling events.
4. The Total TEQs result presented for this sample location was observed in sample I9-9-24-SB-2-W (13-15'; 10/18/05). The cadmium, chromium, and copper results were observed in sample I9-9-24-SB-2-W (13-15'; 6/08/06). The lead result presented in sample I9-9-24-SB-2-W (13-15') is the average of those results observed from the 10/18/05 and 6/08/06 sampling events.
5. The inorganics results presented for this sample location represent the average result from the following samples (depth; date collected): I9-9-24-SB-2 (13-15'; 2/01/05), I9-9-24-SB-2-SE (13-15'; see note 3), I9-9-24-SB-2-W (13-15'; see note 4), and I9-9-24-2-SES [Cd, Cr, Cu ONLY] (13-15'; 6/8/06).
6. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
7. With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
8. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
9. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
10. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
11. Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
12. -- = Constituent not subject to analysis.
13. * = No MCP Method 1 standard exists for copper, but an MCP Method 2 soil standard (Category S-1/GW-3) has been derived for copper using the procedure in 310 CMR 40.0984, as described in Attachment A of a letter submitted by GE on April 11, 2001 to MDEP (copied to EPA) regarding *Revised Evaluation of Appendix IX+3 Constituents, Revised Soil Removal Limits, and Proposed Groundwater Investigation for the following Parcels: I9-9-26, I9-9-27, I9-9-28, and I9-9-29*. This derived soil standard is 770 ppm.
14. ** = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
15. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.
16. As discussed in the September 8, 2006 *Fourth Interim Pre-Design Investigation Report for Soils Adjacent to Silver Lake*: Given that: (1) location I9-9-24-SB-2 was the only location in which aniline was detected; (2) the average existing concentration in the 1- to 15-foot depth increment (35.6 ppm) is well below the EPA PRG for aniline (78 ppm); and (3) the soil in and around location I9-9-24-SB-2 will be removed to a depth of 15 feet below ground surface to address PCBs and other constituents (namely, dioxins/furans, cadmium, chromium, copper, and lead), GE does not believe that there is a need for delineation sampling or additional remediation for aniline at this parcel.
17. As presented in GE's April 4, 2006 memo to EPA, Re: *RD/RA Evaluations of Sulfide Detected in Soils*, GE, MDEP, and EPA have agreed to the following approach in regards to sulfide detected in soils: In cases where sulfide is the only constituent that results in an exceedance of the applicable performance criteria, either under current conditions or after the anticipated performance of remediation, sulfide will be excluded from further RD/RA evaluations and a conclusion will be made that acceptable conditions exist or will be achieved.

ARCADIS

Parcel I9-9-25 (bank)

**TABLE E-52
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-25 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	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
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
1,1,1-Trichloroethane		680	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
1,1,2,2-Tetrachloroethane		0.36	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
1,1,2-Trichloroethane		0.82	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
1,1-Dichloroethane		570	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
1,1-Dichloroethene		0.052	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
1,2,3-Trichloropropane		0.0014	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
1,2-Dibromo-3-chloropropane		0.32	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
1,2-Dibromoethane		0.0049	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
1,2-Dichloroethane		0.34	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
1,2-Dichloropropane		0.34	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
1,4-Dioxane		40	ND(0.13) J	ND(0.12) J	ND(0.10) J	ND(0.10) J [ND(0.10) J]
2-Butanone		6,900	ND(0.013)	ND(0.012)	ND(0.010)	ND(0.010) [ND(0.010)]
2-Chloro-1,3-butadiene		3.6	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
2-Chloroethylvinylether		0.18	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
2-Hexanone		750	ND(0.013)	ND(0.012)	ND(0.010)	ND(0.010) [ND(0.010)]
3-Chloropropene		2,700	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
4-Methyl-2-pentanone		750	ND(0.013)	ND(0.012)	ND(0.010)	ND(0.010) [ND(0.010)]
Acetone		1,400	ND(0.025)	ND(0.025)	ND(0.021)	ND(0.021) [ND(0.021)]
Acetonitrile		200	ND(0.13) J	ND(0.12) J	ND(0.10) J	ND(0.10) J [ND(0.10) J]
Acrolein		0.1	ND(0.13) J	ND(0.12) J	ND(0.10) J	ND(0.10) J [ND(0.10) J]
Acrylonitrile		0.19	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Benzene		0.62	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Bromodichloromethane		0.98	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Bromoform		56	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Bromomethane		3.8	ND(0.0063) J	ND(0.0062) J	ND(0.0052) J	ND(0.0053) J [ND(0.0053) J]
Carbon Disulfide		350	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Carbon Tetrachloride		0.23	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Chlorobenzene		54	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Chloroethane		1,600	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Chloroform		0.24	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Chloromethane		1.2	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
cis-1,3-Dichloropropene		Not Listed	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Dibromochloromethane		5.3	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Dibromomethane		550	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Dichlorodifluoromethane		94	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Ethyl Methacrylate		140	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Ethylbenzene		230	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Iodomethane		1.2	ND(0.0063) J	ND(0.0062) J	ND(0.0052) J	ND(0.0053) J [ND(0.0053) J]
Isobutanol		10,000	ND(0.13) J	ND(0.12) J	ND(0.10) J	ND(0.10) J [ND(0.10) J]
Methacrylonitrile		1.8	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Methyl Methacrylate		2,200	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Methylene Chloride		8.5	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Propionitrile		200	ND(0.013)	ND(0.012)	ND(0.010)	ND(0.010) [ND(0.010)]
Styrene		1,700	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Tetrachloroethene		4.7	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Toluene		520	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
trans-1,2-Dichloroethene		62	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
trans-1,3-Dichloropropene		Not Listed	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Trichloroethene		2.7	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Trichlorofluoromethane		380	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Vinyl Acetate		420	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Vinyl Chloride		0.021	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Xylenes (total)		210	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]

**TABLE E-52
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-25 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	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
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
1,2,4-Trichlorobenzene		480	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
1,2-Dichlorobenzene		370	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
1,2-Diphenylhydrazine		0.56	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
1,3,5-Trinitrobenzene		1,600	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
1,3-Dichlorobenzene		41	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
1,3-Dinitrobenzene		5.5	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
1,4-Dichlorobenzene		3	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
1,4-Naphthoquinone		55	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
1-Naphthylamine		Not Listed	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
2,3,4,6-Tetrachlorophenol		1,600	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
2,4,5-Trichlorophenol		5,500	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
2,4,6-Trichlorophenol		40	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
2,4-Dichlorophenol		160	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
2,4-Dimethylphenol		1,100	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
2,4-Dinitrophenol		110	ND(3.2) J	ND(2.1) J	ND(1.8) J	ND(1.8) J [ND(1.9) J]
2,4-Dinitrotoluene		110	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
2,6-Dichlorophenol		160	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
2,6-Dinitrotoluene		55	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
2-Acetylaminofluorene		0.56	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
2-Chloronaphthalene		3,700	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
2-Chlorophenol		59	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
2-Methylnaphthalene		55	0.17 J	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
2-Methylphenol		2,700	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
2-Naphthylamine		Not Listed	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
2-Nitroaniline		3.3	ND(3.2)	ND(2.1)	ND(1.8)	ND(1.8) [ND(1.9)]
2-Nitrophenol		Not Listed	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
2-Picoline		55	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
3&4-Methylphenol		270	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
3,3'-Dichlorobenzidine		0.99	ND(1.3)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.77)]
3,3'-Dimethylbenzidine		0.048	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
3-Methylcholanthrene		0.056	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
3-Nitroaniline		5.5	ND(3.2)	ND(2.1)	ND(1.8)	ND(1.8) [ND(1.9)]
4,6-Dinitro-2-methylphenol		55	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
4-Aminobiphenyl		1,400	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
4-Bromophenyl-phenylether		160	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
4-Chloro-3-Methylphenol		2,700	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
4-Chloroaniline		220	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
4-Chlorobenzilate		1.6	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
4-Chlorophenyl-phenylether		Not Listed	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
4-Nitroaniline		5.5	ND(2.2)	ND(2.1)	ND(1.8)	ND(1.8) [ND(1.8)]
4-Nitrophenol		3,400	ND(3.2) J	ND(2.1) J	ND(1.8) J	ND(1.8) J [ND(1.9) J]
4-Nitroquinoline-1-oxide		110	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
4-Phenylenediamine		10,000	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
5-Nitro-o-toluidine		13	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
a,a'-Dimethylphenethylamine		55	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
Acenaphthene		2,600	0.77	ND(0.41)	ND(0.35)	0.30 J [ND(0.39)]
Acenaphthylene		55	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
Acetophenone		0.49	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
Aniline		78	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
Anthracene		14,000	0.95	ND(0.41)	ND(0.35)	0.26 J [0.15 J]
Aramite		18	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
Benzidine		0.0019	ND(1.3)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.77)]
Benzo(a)anthracene		0.56	3.0	0.32 J	ND(0.35)	0.92 J [0.43 J]
Benzo(a)pyrene		0.056	2.6	0.36 J	ND(0.35)	0.82 J [0.42 J]
Benzo(b)fluoranthene		0.56	2.5	0.34 J	ND(0.35)	0.72 J [0.40 J]
Benzo(g,h,i)perylene		55	1.8	0.31 J	ND(0.35)	0.49 [0.30 J]

**TABLE E-52
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-25 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	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
Semivolatile Organics (continued)						
Benzo(k)fluoranthene		5.6	2.6	0.33 J	ND(0.35)	0.78 J [0.38 J]
Benzyl Alcohol		16,000	ND(1.3)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.77)]
bis(2-Chloroethoxy)methane		Not Listed	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
bis(2-Chloroethyl)ether		0.18	ND(0.63) J	ND(0.41) J	ND(0.35) J	ND(0.35) J [ND(0.39) J]
bis(2-Chloroisopropyl)ether		2.5	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
bis(2-Ethylhexyl)phthalate		32	0.85	0.61	ND(0.34)	ND(0.35) [ND(0.35)]
Butylbenzylphthalate		930	10	46	ND(0.35)	0.40 [0.53]
Chrysene		56	3.7	0.41	ND(0.35)	1.1 J [0.45 J]
Diallate		7.3	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
Dibenzo(a,h)anthracene		0.056	0.48 J	ND(0.41)	ND(0.35)	0.12 J [ND(0.39)]
Dibenzofuran		210	0.34 J	ND(0.41)	ND(0.35)	0.13 J [ND(0.39)]
Diethylphthalate		44,000	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
Dimethylphthalate		100,000	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
Di-n-Butylphthalate		5,500	0.50 J	0.25 J	ND(0.35)	ND(0.35) [ND(0.39)]
Di-n-Octylphthalate		1,100	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
Diphenylamine		1,400	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
Ethyl Methanesulfonate		Not Listed	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
Fluoranthene		2,000	7.9	0.64	ND(0.35)	2.3 J [0.99 J]
Fluorene		1,800	0.60 J	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
Hexachlorobenzene		0.28	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
Hexachlorobutadiene		5.7	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
Hexachlorocyclopentadiene		380	ND(0.63) J	ND(0.41) J	ND(0.35) J	ND(0.35) J [ND(0.39) J]
Hexachloroethane		32	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
Hexachlorophene		16	ND(1.3) J	ND(0.83) J	ND(0.70) J	ND(0.71) J [ND(0.77) J]
Hexachloropropene		Not Listed	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
Indeno(1,2,3-cd)pyrene		0.56	1.5	ND(0.41)	ND(0.35)	0.43 J [0.25 J]
Isodrin		Not Listed	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
Isophorone		470	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
Isosafrole		Not Listed	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
Methapyrilene		55	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
Methyl Methanesulfonate		Not Listed	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
Naphthalene		55	0.19 J	ND(0.41)	ND(0.35)	0.097 J [ND(0.39)]
Nitrobenzene		16	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
N-Nitrosodiethylamine		0.003	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
N-Nitrosodimethylamine		0.0087	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
N-Nitroso-di-n-butylamine		0.022	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
N-Nitroso-di-n-propylamine		0.063	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
N-Nitrosodiphenylamine		91	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
N-Nitrosomethylethylamine		0.02	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
N-Nitrosomorpholine		0.21	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
N-Nitrosopiperidine		0.21	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
N-Nitrosopyrrolidine		0.21	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
o,o,o-Triethylphosphorothioate		11	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
o-Toluidine		1.9	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
p-Dimethylaminoazobenzene		0.99	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
Pentachlorobenzene		44	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
Pentachloroethane		2.8	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
Pentachloronitrobenzene		1.7	ND(0.85) J	ND(0.83) J	ND(0.70) J	ND(0.71) J [ND(0.71) J]
Pentachlorophenol		2.5	ND(3.2)	ND(2.1)	ND(1.8)	ND(1.8) [ND(1.9)]
Phenacetin		640	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
Phenanthrene		55	5.2	0.32 J	ND(0.35)	1.8 J [0.67 J]
Phenol		33,000	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
Pronamide		4,100	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
Pyrene		1,500	6.0	0.58 J	ND(0.35)	1.9 J [0.82 J]
Pyridine		55	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
Safrole		Not Listed	ND(0.63) J	ND(0.41) J	ND(0.35) J	ND(0.35) J [ND(0.39) J]
Thionazin		330	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]

**TABLE E-52
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-25 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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:	EPA Region 9 Residential PRGs	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
Furans					
2,3,7,8-TCDF	Not Applicable	ND(0.000011)	ND(0.000013)	ND(0.0000078)	ND(0.0000092) [ND(0.0000096)]
TCDFs (total)	Not Applicable	0.000086	ND(0.000013)	ND(0.0000078)	ND(0.0000092) [ND(0.0000096)]
1,2,3,7,8-PeCDF	Not Applicable	ND(0.0000080)	ND(0.0000068)	ND(0.000011) X	ND(0.0000074) [ND(0.0000071)]
2,3,4,7,8-PeCDF	Not Applicable	ND(0.0000085)	ND(0.0000072)	ND(0.0000058)	ND(0.0000079) [ND(0.0000076)]
PeCDFs (total)	Not Applicable	0.000012	0.000016	0.000027	ND(0.0000074) [ND(0.0000071)]
1,2,3,4,7,8-HxCDF	Not Applicable	0.000024 I	0.000013 I	0.000052 I	0.000028 IJ [0.000056 IJ]
1,2,3,6,7,8-HxCDF	Not Applicable	0.000016	ND(0.0000099)	0.000016	0.0000099 J [0.000023 J]
1,2,3,7,8,9-HxCDF	Not Applicable	ND(0.0000083)	ND(0.000013)	ND(0.0000055)	ND(0.0000074) [ND(0.0000063)]
2,3,4,6,7,8-HxCDF	Not Applicable	ND(0.0000071)	ND(0.000011)	0.0000068	ND(0.0000093) X [ND(0.0000054)]
HxCDFs (total)	Not Applicable	0.000036	0.000013	0.000013	0.0000096 J [0.000016 J]
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.000020	ND(0.000015) X	0.000018	0.000012 [0.000019]
1,2,3,4,7,8,9-HpCDF	Not Applicable	ND(0.000014)	ND(0.000013)	0.0000040	0.0000030 [0.0000041]
HpCDFs (total)	Not Applicable	0.000020	ND(0.000010)	0.000031	0.000016 [0.000023]
OCDF	Not Applicable	0.000058	0.000044	0.00011	0.000068 [0.000083]
Dioxins					
2,3,7,8-TCDD	Not Applicable	ND(0.0000084) J	ND(0.0000072) J	ND(0.0000043) J	ND(0.0000057) J [ND(0.0000055) J]
TCDDs (total)	Not Applicable	ND(0.0000084) J	ND(0.0000072) J	ND(0.0000043) J	ND(0.0000057) J [ND(0.0000055) J]
1,2,3,7,8-PeCDD	Not Applicable	ND(0.000014)	ND(0.000010)	ND(0.0000060)	ND(0.0000069) [ND(0.0000072)]
PeCDDs (total)	Not Applicable	ND(0.000014)	ND(0.000010)	ND(0.0000060)	ND(0.0000069) [ND(0.0000072)]
1,2,3,4,7,8-HxCDD	Not Applicable	ND(0.0000085)	ND(0.0000081)	ND(0.0000060)	ND(0.0000056) [ND(0.0000061)]
1,2,3,6,7,8-HxCDD	Not Applicable	0.000024	ND(0.0000074)	ND(0.0000054)	0.000023 [0.000037]
1,2,3,7,8,9-HxCDD	Not Applicable	ND(0.0000034) X	ND(0.0000074)	ND(0.0000054)	0.000019 [ND(0.000029) X]
HxCDDs (total)	Not Applicable	0.000024	ND(0.0000074)	ND(0.0000054)	0.000042 [0.000037]
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.000037	0.000024	0.0000067	0.000026 [0.000041]
HpCDDs (total)	Not Applicable	0.000061	0.000043	0.000012	0.000043 [0.000068]
OCDD	Not Applicable	0.00021	0.00017	0.000036	0.00013 [0.00020]
Total TEQs (WHO TEFs)	Not Applicable	0.0000051	0.0000030	0.0000019	0.0000022 [0.0000030]
Inorganics					
Antimony	30	1.80 B	1.60 B	1.70 B	1.40 B [1.40 B]
Arsenic	0.38	3.60	2.60	2.30	3.10 [2.50]
Barium	5,200	57.0	64.0	ND(20.0)	25.0 [30.0]
Beryllium	150	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500) [ND(0.500)]
Cadmium	37	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500) [ND(0.500)]
Chromium	210	11.0	12.0	3.90	5.30 [4.10]
Cobalt	3,300	5.30	9.60	3.40 B	4.00 B [4.00 B]
Copper	2,800	22.0	20.0	8.40	14.0 [8.90]
Cyanide	11	0.120 B	0.100 B	ND(0.520)	ND(0.530) [ND(0.530)]
Lead	400	35.0 J	48.0 J	4.20 J	24.0 J [13.0 J]
Mercury	22	0.00800 B	ND(0.120)	ND(0.100)	0.00740 B [ND(0.100)]
Nickel	1,500	17.0	13.0	6.60	7.40 [6.90]
Selenium	370	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00) [ND(1.00)]
Silver	370	ND(1.00)	0.140 B	ND(1.00)	ND(1.00) [ND(1.00)]
Sulfide	350	1300 J	7.90 J	2900 J	36.0 J [2900 J]
Thallium	6	ND(1.30) J	ND(1.20) J	ND(1.00) J	ND(1.00) J [ND(1.00) J]
Tin	45,000	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0) [ND(10.0)]
Vanadium	520	8.00	6.40	4.40 B	5.60 [4.50 B]
Zinc	22,000	99.0	95.0	26.0	44.0 [32.0]

**TABLE E-52
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-25 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Com Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
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 106(2), December 1998.
5. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- J - Estimated Value.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- X - Estimated maximum possible concentration.

Inorganics

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

**TABLE E-53
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
PARCEL I9-9-25 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS**

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Semivolatile Organics			
2-Methylnaphthalene	0.17	55*	No
Acenaphthene	0.77	2,600	No
Anthracene	0.95	14,000	No
Benzo(a)anthracene	3	0.56	Yes
Benzo(a)pyrene	2.6	0.056	Yes
Benzo(b)fluoranthene	2.5	0.56	Yes
Benzo(g,h,i)perylene	1.8	55*	No
Benzo(k)fluoranthene	2.6	5.6	No
bis(2-Ethylhexyl)phthalate	0.85	32	No
Butylbenzylphthalate	46	930	No
Chrysene	3.7	56	No
Dibenzo(a,h)anthracene	0.48	0.056	Yes
Dibenzofuran	0.34	210	No
Di-n-Butylphthalate	0.5	5,500	No
Fluoranthene	7.9	2,000	No
Fluorene	0.6	1,800	No
Indeno(1,2,3-cd)pyrene	1.5	0.56	Yes
Naphthalene	0.19	55	No
Phenanthrene	5.2	55*	No
Pyrene	6	1,500	No
Inorganics			
Antimony	1.8	30	No
Arsenic	3.6	0.38	Yes
Barium	64	5,200	No
Chromium	12	210	No
Cobalt	9.6	3,300	No
Copper	22	2,800	No
Cyanide	0.12	11*	No
Lead	48	400	No
Mercury	0.008	22	No
Nickel	17	1,500	No
Silver	0.14	370	No
Sulfide	2,900	350*	Yes
Vanadium	8	520	No
Zinc	99	22,000	No

- Notes:**
1. PRG = Preliminary Remediation Goal.
 2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
 3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
 4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
 5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

**TABLE E-54
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-25: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-25-SB-5 0-1 07/03/03	I9-9-25-SB-6 0-1 07/03/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	3.0	0.18	N/A (See Note 5)	1.6	7	No
Benzo(a)pyrene	2.6	0.18	N/A (See Note 5)	1.4	2	No
Benzo(b)fluoranthene	2.5	0.18	N/A (See Note 5)	1.3	7	No
Dibenzo(a,h)anthracene	0.48	0.18	N/A (See Note 5)	0.33	0.7	No
Indeno(1,2,3-cd)pyrene	1.5	0.18	N/A (See Note 5)	0.84	7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	5.10E-06	1.90E-06	5.10E-06	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	3.60	2.30	N/A (See Note 5)	2.95	20	No
Sulfide	1,300	2,900	N/A (See Note 5)	2,100	633*	(See Note 7)

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Wave 2 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- As presented in GE's April 4, 2006 memo to EPA, Re: *RD/RA Evaluations of Sulfide Detected in Soils*, GE, MDEP, and EPA have agreed to the following approach in regards to sulfide detected in soils: In cases where sulfide is the only constituent that results in an exceedance of the applicable performance criteria, either under current conditions or after the anticipated performance of remediation, sulfide will be excluded from further RD/RA evaluations and a conclusion will be made that acceptable conditions exist or will be achieved.

**TABLE E-55
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-25: 0- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-25-SB-5 0-1 07/03/03	I9-9-25-SB-6 0-1 07/03/03	I9-9-25-SB-5 1-3 07/03/03	I9-9-25-SB-6 1-3 07/03/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics								
Benzo(a)anthracene	3.0	0.18	0.32	0.68	N/A (See Note 5)	1.0	7	No
Benzo(a)pyrene	2.6	0.18	0.36	0.62	N/A (See Note 5)	0.94	2	No
Benzo(b)fluoranthene	2.5	0.18	0.34	0.56	N/A (See Note 5)	0.90	7	No
Dibenzo(a,h)anthracene	0.48	0.18	0.21	0.16	N/A (See Note 5)	0.26	0.7	No
Indeno(1,2,3-cd)pyrene	1.5	0.18	0.21	0.34	N/A (See Note 5)	0.56	7	No
Dioxins/Furans								
Total TEQs (WHO TEFs)	5.10E-06	1.90E-06	3.00E-06	<i>3.00E-06</i>	5.10E-06	N/A (See Note 5)	1.00E-03	No
Inorganics								
Arsenic	3.60	2.30	2.60	2.80	N/A (See Note 5)	2.83	20	No
Sulfide	1,300	2,900	7.90	1,470	N/A (See Note 5)	1,419	633*	(See Note 8)

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- As presented in GE's April 4, 2006 memo to EPA, Re: *RD/RA Evaluations of Sulfide Detected in Soils*, GE, MDEP, and EPA have agreed to the following approach in regards to sulfide detected in soils: In cases where sulfide is the only constituent that results in an exceedance of the applicable performance criteria, either under current conditions or after the anticipated performance of remediation, sulfide will be excluded from further RD/RA evaluations and a conclusion will be made that acceptable conditions exist or will be achieved.

TABLE E-56

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

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Parcel I9-9-25 (non-bank)

**TABLE E-57
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-25 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-25-SB-8 0-1 03/11/05	I9-9-25-SB-8 1-3 03/11/05	I9-9-25-SB-9 0-1 03/11/05
Volatile Organics					
1,1,1,2-Tetrachloroethane		6.8	ND(0.0060)	ND(0.0056)	ND(0.0060)
1,1,1-Trichloroethane		1,400	ND(0.0060)	ND(0.0056)	ND(0.0060)
1,1,2,2-Tetrachloroethane		0.87	ND(0.0060)	ND(0.0056)	ND(0.0060)
1,1,2-Trichloroethane		1.9	ND(0.0060)	ND(0.0056)	ND(0.0060)
1,1-Dichloroethane		2,000	ND(0.0060)	ND(0.0056)	ND(0.0060)
1,1-Dichloroethene		0.12	ND(0.0060)	ND(0.0056)	ND(0.0060)
1,2,3-Trichloropropane		0.0031	ND(0.0060)	ND(0.0056)	ND(0.0060)
1,2-Dibromo-3-chloropropane		2.1	ND(0.0060)	ND(0.0056)	ND(0.0060)
1,2-Dibromoethane		0.029	ND(0.0060)	ND(0.0056)	ND(0.0060)
1,2-Dichloroethane		0.76	ND(0.0060)	ND(0.0056)	ND(0.0060)
1,2-Dichloropropane		0.76	ND(0.0060)	ND(0.0056)	ND(0.0060)
1,4-Dioxane		270	ND(0.12)	ND(0.11)	ND(0.12)
2-Butanone		27,000	ND(0.012)	ND(0.011)	ND(0.012)
2-Chloro-1,3-butadiene		12	ND(0.0060)	ND(0.0056)	ND(0.0060)
2-Chloroethylvinylether		0.56	ND(0.0060)	ND(0.0056)	ND(0.0060)
2-Hexanone		2,800	ND(0.012)	ND(0.011)	ND(0.012)
3-Chloropropene		52,000	ND(0.0060)	ND(0.0056)	ND(0.0060)
4-Methyl-2-pentanone		2,800	ND(0.012)	ND(0.011)	ND(0.012)
Acetone		6,100	ND(0.024)	ND(0.022)	ND(0.024)
Acetonitrile		1,300	ND(0.12)	ND(0.11)	ND(0.12)
Acrolein		0.34	ND(0.12)	ND(0.11)	ND(0.12)
Acrylonitrile		0.49	ND(0.0060)	ND(0.0056)	ND(0.0060)
Benzene		1.4	ND(0.0060)	ND(0.0056)	ND(0.0060)
Bromodichloromethane		2.3	ND(0.0060)	ND(0.0056)	ND(0.0060)
Bromoform		380	ND(0.0060)	ND(0.0056)	ND(0.0060)
Bromomethane		13	ND(0.0060)	ND(0.0056)	ND(0.0060)
Carbon Disulfide		1,200	ND(0.0060)	ND(0.0056)	ND(0.0060)
Carbon Tetrachloride		0.52	ND(0.0060)	ND(0.0056)	ND(0.0060)
Chlorobenzene		180	ND(0.0060)	ND(0.0056)	ND(0.0060)
Chloroethane		1,600	ND(0.0060)	ND(0.0056)	ND(0.0060)
Chloroform		0.52	ND(0.0060)	ND(0.0056)	ND(0.0060)
Chloromethane		2.6	ND(0.0060)	ND(0.0056)	ND(0.0060)
cis-1,3-Dichloropropene		Not Listed	ND(0.0060)	ND(0.0056)	ND(0.0060)
Dibromochloromethane		36	ND(0.0060)	ND(0.0056)	ND(0.0060)
Dibromomethane		11,000	ND(0.0060)	ND(0.0056)	ND(0.0060)
Dichlorodifluoromethane		310	ND(0.0060)	ND(0.0056)	0.011
Ethyl Methacrylate		140	ND(0.0060)	ND(0.0056)	ND(0.0060)
Ethylbenzene		230	ND(0.0060)	ND(0.0056)	ND(0.0060)
Iodomethane		2.6	ND(0.0060)	ND(0.0056)	ND(0.0060)
Isobutanol		40,000	ND(0.12)	ND(0.11)	ND(0.12)
Methacrylonitrile		8.4	ND(0.0060)	ND(0.0056)	ND(0.0060)
Methyl Methacrylate		7,300	ND(0.0060)	ND(0.0056)	ND(0.0060)
Methylene Chloride		20	ND(0.0060)	ND(0.0056)	0.012
Propionitrile		1,300	ND(0.012)	ND(0.011)	ND(0.012)
Styrene		1,700	ND(0.0060)	ND(0.0056)	ND(0.0060)
Tetrachloroethene		16	ND(0.0060)	ND(0.0056)	ND(0.0060)
Toluene		520	ND(0.0060)	ND(0.0056)	0.0082
trans-1,2-Dichloroethene		210	ND(0.0060)	ND(0.0056)	ND(0.0060)
trans-1,3-Dichloropropene		Not Listed	ND(0.0060)	ND(0.0056)	ND(0.0060)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0060)	ND(0.0056)	ND(0.0060)
Trichloroethene		6.1	ND(0.0060)	ND(0.0056)	ND(0.0060)
Trichlorofluoromethane		1,300	ND(0.0060)	ND(0.0056)	ND(0.0060)
Vinyl Acetate		1,400	ND(0.0060)	ND(0.0056)	ND(0.0060)
Vinyl Chloride		0.048	ND(0.0060)	ND(0.0056)	ND(0.0060)
Xylenes (total)		210	ND(0.0060)	ND(0.0056)	ND(0.0060)

**TABLE E-57
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-25 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-25-SB-8 0-1 03/11/05	I9-9-25-SB-8 1-3 03/11/05	I9-9-25-SB-9 0-1 03/11/05
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		320	ND(0.40)	ND(0.37)	ND(0.40)
1,2,4-Trichlorobenzene		1,700	ND(0.40)	ND(0.37)	ND(0.40)
1,2-Dichlorobenzene		370	ND(0.40)	ND(0.37)	ND(0.40)
1,2-Diphenylhydrazine		3.7	ND(0.40)	ND(0.37)	ND(0.40)
1,3,5-Trinitrobenzene		32,000	ND(0.40)	ND(0.37)	ND(0.40)
1,3-Dichlorobenzene		140	ND(0.40)	ND(0.37)	ND(0.40)
1,3-Dinitrobenzene		110	ND(0.80)	ND(0.75)	ND(0.80)
1,4-Dichlorobenzene		7.3	ND(0.40)	ND(0.37)	ND(0.40)
1,4-Naphthoquinone		190	ND(0.80)	ND(0.75)	ND(0.80)
1-Naphthylamine		Not Listed	ND(0.80)	ND(0.75)	ND(0.80)
2,3,4,6-Tetrachlorophenol		32,000	ND(0.40)	ND(0.37)	ND(0.40)
2,4,5-Trichlorophenol		110,000	ND(0.40)	ND(0.37)	ND(0.40)
2,4,6-Trichlorophenol		270	ND(0.40)	ND(0.37)	ND(0.40)
2,4-Dichlorophenol		3,200	ND(0.40)	ND(0.37)	ND(0.40)
2,4-Dimethylphenol		21,000	ND(0.40)	ND(0.37)	ND(0.40)
2,4-Dinitrophenol		2,100	ND(2.0)	ND(1.9)	ND(2.0)
2,4-Dinitrotoluene		2,100	ND(0.40)	ND(0.37)	ND(0.40)
2,6-Dichlorophenol		3,200	ND(0.40)	ND(0.37)	ND(0.40)
2,6-Dinitrotoluene		1,100	ND(0.40)	ND(0.37)	ND(0.40)
2-Acetylaminofluorene		3.6	ND(0.80)	ND(0.75)	ND(0.80)
2-Chloronaphthalene		24,000	ND(0.40)	ND(0.37)	ND(0.40)
2-Chlorophenol		240	ND(0.40)	ND(0.37)	ND(0.40)
2-Methylnaphthalene		190	ND(0.40)	ND(0.37)	ND(0.40)
2-Methylphenol		53,000	ND(0.40)	ND(0.37)	ND(0.40)
2-Naphthylamine		Not Listed	ND(0.80)	ND(0.75)	ND(0.80)
2-Nitroaniline		64	ND(2.0)	ND(1.9)	ND(2.0)
2-Nitrophenol		Not Listed	ND(0.80)	ND(0.75)	ND(0.80)
2-Picoline		1,100	ND(0.40)	ND(0.37)	ND(0.40)
3&4-Methylphenol		5,300	ND(0.80)	ND(0.75)	ND(0.80)
3,3'-Dichlorobenzidine		6.7	ND(0.80)	ND(0.75)	ND(0.80)
3,3'-Dimethylbenzidine		0.33	ND(0.40)	ND(0.37)	ND(0.40)
3-Methylcholanthrene		0.36	ND(0.80)	ND(0.75)	ND(0.80)
3-Nitroaniline		110	ND(2.0)	ND(1.9)	ND(2.0)
4,6-Dinitro-2-methylphenol		1,100	ND(0.40)	ND(0.37)	ND(0.40)
4-Aminobiphenyl		27,000	ND(0.80)	ND(0.75)	ND(0.80)
4-Bromophenyl-phenylether		3,200	ND(0.40)	ND(0.37)	ND(0.40)
4-Chloro-3-Methylphenol		53,000	ND(0.40)	ND(0.37)	ND(0.40)
4-Chloroaniline		4,300	ND(0.40)	ND(0.37)	ND(0.40)
4-Chlorobenzilate		11	ND(0.80)	ND(0.75)	ND(0.80)
4-Chlorophenyl-phenylether		Not Listed	ND(0.40)	ND(0.37)	ND(0.40)
4-Nitroaniline		110	ND(2.0)	ND(1.9)	ND(2.0)
4-Nitrophenol		66,000	ND(2.0)	ND(1.9)	ND(2.0)
4-Nitroquinoline-1-oxide		2,100	ND(0.80)	ND(0.75)	ND(0.80)
4-Phenylenediamine		100,000	ND(0.80)	ND(0.75)	ND(0.80)
5-Nitro-o-toluidine		91	ND(0.80)	ND(0.75)	ND(0.80)
7,12-Dimethylbenz(a)anthracene		0.36	ND(0.80)	ND(0.75)	ND(0.80)
a,a'-Dimethylphenethylamine		1,100	ND(0.80)	ND(0.75)	ND(0.80)
Acenaphthene		28,000	0.047 J	0.14 J	0.12 J
Acenaphthylene		190	0.12 J	0.20 J	0.045 J
Acetophenone		1.6	ND(0.40)	ND(0.37)	ND(0.40)
Aniline		530	ND(0.40)	ND(0.37)	ND(0.40)
Anthracene		220,000	0.18 J	0.50	0.13 J
Aramite		120	ND(0.80)	ND(0.75)	ND(0.80)
Benzdine		0.013	ND(0.80)	ND(0.75)	ND(0.80)
Benzo(a)anthracene		3.6	0.62	2.0	0.44
Benzo(a)pyrene		0.36	0.65	1.8	0.38 J
Benzo(b)fluoranthene		3.6	0.55	1.5	0.37 J

**TABLE E-57
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-25 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-25-SB-8 0-1 03/11/05	I9-9-25-SB-8 1-3 03/11/05	I9-9-25-SB-9 0-1 03/11/05
Semivolatile Organics (continued)					
Benzo(g,h,i)perylene		190	0.40 J	0.95	0.24 J
Benzo(k)fluoranthene		36	0.56	1.6	0.38 J
Benzyl Alcohol		100,000	ND(0.80)	ND(0.75)	ND(0.80)
bis(2-Chloroethoxy)methane		Not Listed	ND(0.40)	ND(0.37)	ND(0.40)
bis(2-Chloroethyl)ether		0.56	ND(0.40)	ND(0.37)	ND(0.40)
bis(2-Chloroisopropyl)ether		7.4	ND(0.40)	ND(0.37)	ND(0.40)
bis(2-Ethylhexyl)phthalate		210	ND(0.40)	ND(0.37)	0.56
Butylbenzylphthalate		930	ND(0.40)	ND(0.37)	0.80
Chrysene		360	0.65	2.0	0.46
Diallate		49	ND(0.80)	ND(0.75)	ND(0.80)
Dibenzo(a,h)anthracene		0.36	0.076 J	0.32 J	0.087 J
Dibenzofuran		3,200	0.041 J	0.064 J	0.057 J
Diethylphthalate		100,000	ND(0.40)	ND(0.37)	ND(0.40)
Dimethylphthalate		100,000	ND(0.40)	ND(0.37)	ND(0.40)
Di-n-Butylphthalate		110,000	0.067 J	ND(0.37)	0.15 J
Di-n-Octylphthalate		10,000	ND(0.40)	ND(0.37)	ND(0.40)
Diphenylamine		27,000	ND(0.40)	ND(0.37)	ND(0.40)
Ethyl Methanesulfonate		Not Listed	ND(0.40)	ND(0.37)	ND(0.40)
Fluoranthene		37,000	1.2	3.6	0.91
Fluorene		22,000	0.051 J	0.12 J	0.081 J
Hexachlorobenzene		1.9	ND(0.40)	ND(0.37)	ND(0.40)
Hexachlorobutadiene		38	ND(0.40)	ND(0.37)	ND(0.40)
Hexachlorocyclopentadiene		7,100	ND(0.40)	ND(0.37)	ND(0.40)
Hexachloroethane		210	ND(0.40)	ND(0.37)	ND(0.40)
Hexachlorophene		320	ND(0.80)	ND(0.75)	ND(0.80)
Hexachloropropene		Not Listed	ND(0.40)	ND(0.37)	ND(0.40)
Indeno(1,2,3-cd)pyrene		3.6	0.37 J	0.87	0.21 J
Isodrin		Not Listed	ND(0.40)	ND(0.37)	ND(0.40)
Isophorone		3,200	ND(0.40)	ND(0.37)	ND(0.40)
Isosafrole		Not Listed	ND(0.80)	ND(0.75)	ND(0.80)
Methapyrilene		190	ND(0.80)	ND(0.75)	ND(0.80)
Methyl Methanesulfonate		Not Listed	ND(0.40)	ND(0.37)	ND(0.40)
Naphthalene		190	0.084 J	0.053 J	ND(0.40)
Nitrobenzene		100	ND(0.40)	ND(0.37)	ND(0.40)
N-Nitrosodiethylamine		0.02	ND(0.40)	ND(0.37)	ND(0.40)
N-Nitrosodimethylamine		0.059	ND(0.40)	ND(0.37)	ND(0.40)
N-Nitroso-di-n-butylamine		0.058	ND(0.80)	ND(0.75)	ND(0.80)
N-Nitroso-di-n-propylamine		0.43	ND(0.40)	ND(0.37)	ND(0.40)
N-Nitrosodiphenylamine		610	0.086 J	ND(0.37)	ND(0.40)
N-Nitrosomethylethylamine		0.14	ND(0.80)	ND(0.75)	ND(0.80)
N-Nitrosomorpholine		1.4	ND(0.40)	ND(0.37)	ND(0.40)
N-Nitrosopiperidine		1.4	ND(0.40)	ND(0.37)	ND(0.40)
N-Nitrosopyrrolidine		1.4	ND(0.80)	ND(0.75)	ND(0.80)
o,o,o-Triethylphosphorothioate		210	ND(0.40)	ND(0.37)	ND(0.40)
o-Toluidine		12	ND(0.40)	ND(0.37)	ND(0.40)
p-Dimethylaminoazobenzene		6.7	ND(0.80)	ND(0.75)	ND(0.80)
Pentachlorobenzene		860	ND(0.40)	ND(0.37)	ND(0.40)
Pentachloroethane		6.8	ND(0.40)	ND(0.37)	ND(0.40)
Pentachloronitrobenzene		12	ND(0.80)	ND(0.75)	ND(0.80)
Pentachlorophenol		15	ND(2.0)	ND(1.9)	ND(2.0)
Phenacetin		14,000	ND(0.80)	ND(0.75)	ND(0.80)
Phenanthrene		190	0.76	2.0	0.70
Phenol		100,000	ND(0.40)	ND(0.37)	ND(0.40)
Pronamide		80,000	ND(0.40)	ND(0.37)	ND(0.40)
Pyrene		26,000	1.2	3.8	0.83
Pyridine		1,100	ND(0.40)	ND(0.37)	ND(0.40)
Safrole		Not Listed	ND(0.40)	ND(0.37)	ND(0.40)
Thionazin		6,400	ND(0.40)	ND(0.37)	ND(0.40)

**TABLE E-57
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-25 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-25-SB-8 0-1 03/11/05	I9-9-25-SB-8 1-3 03/11/05	I9-9-25-SB-9 0-1 03/11/05
Furans					
2,3,7,8-TCDF		Not Applicable	0.000021 Y	0.000017 Y	0.000010 Y
TCDFs (total)		Not Applicable	0.00011	0.00015	0.000075
1,2,3,7,8-PeCDF		Not Applicable	0.000015	0.000010	0.0000039 J
2,3,4,7,8-PeCDF		Not Applicable	0.0000072	0.000014	0.0000051 J
PeCDFs (total)		Not Applicable	0.000089	0.00012	0.000057
1,2,3,4,7,8-HxCDF		Not Applicable	0.000010	0.000023	0.0000060
1,2,3,6,7,8-HxCDF		Not Applicable	0.0000066	0.000013	0.0000049 J
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.00000025)	ND(0.00000033)	ND(0.00000048)
2,3,4,6,7,8-HxCDF		Not Applicable	0.0000063	0.000012	0.0000050 J
HxCDFs (total)		Not Applicable	0.00012	0.00018	0.000096
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000018	0.000055	0.000013
1,2,3,4,7,8,9-HpCDF		Not Applicable	ND(0.0000026)	0.000045 J	ND(0.0000018)
HpCDFs (total)		Not Applicable	0.000040	0.000084	0.000029
OCDF		Not Applicable	0.000011 J	0.000023	0.000010 J
Dioxins					
2,3,7,8-TCDD		Not Applicable	ND(0.00000023)	ND(0.00000030)	ND(0.00000029)
TCDDs (total)		Not Applicable	0.000015	0.000053	0.0000067
1,2,3,7,8-PeCDD		Not Applicable	ND(0.00000053)	ND(0.0000011)	ND(0.00000056)
PeCDDs (total)		Not Applicable	ND(0.0000012)	ND(0.0000024)	ND(0.0000020)
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.00000047)	ND(0.00000093)	ND(0.00000063)
1,2,3,6,7,8-HxCDD		Not Applicable	ND(0.0000013)	ND(0.0000015)	ND(0.00000087)
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.0000013)	ND(0.0000022)	ND(0.00000086)
HxCDDs (total)		Not Applicable	0.000047	0.000011	0.0000030
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000011	0.0000069	0.000011
HpCDDs (total)		Not Applicable	0.000021	0.000015	0.000021
OCDD		Not Applicable	0.000059	0.000020	0.000078
Total TEQs (WHO TEFs)		Not Applicable	0.0000096	0.000016	0.0000062
Inorganics					
Antimony		750	1.20 B	0.950 B	ND(6.00)
Arsenic		3	7.50	7.60	3.10
Barium		100,000	48.0	42.0	32.0
Beryllium		3,400	0.310 B	0.200 B	0.250 B
Cadmium		930	0.590	0.330 B	0.210 B
Chromium		450	12.0	8.30	11.0
Cobalt		29,000	11.0	8.20	6.10
Copper		70,000	93.0	160	18.0
Cyanide		35	0.110 B	0.120 B	ND(0.240)
Lead		1,000	100	64.0	34.0
Mercury		560	0.260	0.0990 B	0.0780 B
Nickel		37,000	18.0	14.0	16.0
Selenium		9,400	ND(1.00)	ND(1.00)	ND(1.00)
Silver		9,400	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide		1,200	17.0	18.0	ND(6.00)
Thallium		150	5.20	4.00	2.50
Tin		100,000	13.0	9.60 B	5.70 B
Vanadium		13,000	12.0	8.00	9.00
Zinc		100,000	170	150	100

**TABLE E-57
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-25 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-25-SB-9 3-6 03/11/05	I9-9-25-SB-9 4-6 03/11/05
Volatile Organics				
1,1,1,2-Tetrachloroethane		6.8	NA	ND(0.0058) [ND(0.0059)]
1,1,1-Trichloroethane		1,400	NA	ND(0.0058) [ND(0.0059)]
1,1,2,2-Tetrachloroethane		0.87	NA	ND(0.0058) [ND(0.0059)]
1,1,2-Trichloroethane		1.9	NA	ND(0.0058) [ND(0.0059)]
1,1-Dichloroethane		2,000	NA	ND(0.0058) [ND(0.0059)]
1,1-Dichloroethene		0.12	NA	ND(0.0058) [ND(0.0059)]
1,2,3-Trichloropropane		0.0031	NA	ND(0.0058) [ND(0.0059)]
1,2-Dibromo-3-chloropropane		2.1	NA	ND(0.0058) [ND(0.0059)]
1,2-Dibromoethane		0.029	NA	ND(0.0058) [ND(0.0059)]
1,2-Dichloroethane		0.76	NA	ND(0.0058) [ND(0.0059)]
1,2-Dichloropropane		0.76	NA	ND(0.0058) [ND(0.0059)]
1,4-Dioxane		270	NA	ND(0.12) [ND(0.12)]
2-Butanone		27,000	NA	ND(0.012) [ND(0.012)]
2-Chloro-1,3-butadiene		12	NA	ND(0.0058) [ND(0.0059)]
2-Chloroethylvinylether		0.56	NA	ND(0.0058) [ND(0.0059)]
2-Hexanone		2,800	NA	ND(0.012) [ND(0.012)]
3-Chloropropane		52,000	NA	ND(0.0058) [ND(0.0059)]
4-Methyl-2-pentanone		2,800	NA	ND(0.012) [ND(0.012)]
Acetone		6,100	NA	ND(0.023) [ND(0.024)]
Acetonitrile		1,300	NA	ND(0.12) [ND(0.12)]
Acrolein		0.34	NA	ND(0.12) [ND(0.12)]
Acrylonitrile		0.49	NA	ND(0.0058) [ND(0.0059)]
Benzene		1.4	NA	ND(0.0058) [ND(0.0059)]
Bromodichloromethane		2.3	NA	ND(0.0058) [ND(0.0059)]
Bromoform		380	NA	ND(0.0058) [ND(0.0059)]
Bromomethane		13	NA	ND(0.0058) [ND(0.0059)]
Carbon Disulfide		1,200	NA	0.0065 [ND(0.0059)]
Carbon Tetrachloride		0.52	NA	ND(0.0058) [ND(0.0059)]
Chlorobenzene		180	NA	ND(0.0058) [ND(0.0059)]
Chloroethane		1,600	NA	ND(0.0058) [ND(0.0059)]
Chloroform		0.52	NA	ND(0.0058) [ND(0.0059)]
Chloromethane		2.6	NA	ND(0.0058) [ND(0.0059)]
cis-1,3-Dichloropropene		Not Listed	NA	ND(0.0058) [ND(0.0059)]
Dibromochloromethane		36	NA	ND(0.0058) [ND(0.0059)]
Dibromomethane		11,000	NA	ND(0.0058) [ND(0.0059)]
Dichlorodifluoromethane		310	NA	ND(0.0058) [ND(0.0059)]
Ethyl Methacrylate		140	NA	ND(0.0058) [ND(0.0059)]
Ethylbenzene		230	NA	ND(0.0058) [ND(0.0059)]
Iodomethane		2.6	NA	ND(0.0058) [ND(0.0059)]
Isobutanol		40,000	NA	ND(0.12) [ND(0.12)]
Methacrylonitrile		8.4	NA	ND(0.0058) [ND(0.0059)]
Methyl Methacrylate		7,300	NA	ND(0.0058) [ND(0.0059)]
Methylene Chloride		20	NA	ND(0.0058) [ND(0.0059)]
Propionitrile		1,300	NA	ND(0.012) [ND(0.012)]
Styrene		1,700	NA	ND(0.0058) [ND(0.0059)]
Tetrachloroethene		16	NA	ND(0.0058) [ND(0.0059)]
Toluene		520	NA	ND(0.0058) [ND(0.0059)]
trans-1,2-Dichloroethene		210	NA	ND(0.0058) [ND(0.0059)]
trans-1,3-Dichloropropene		Not Listed	NA	ND(0.0058) [ND(0.0059)]
trans-1,4-Dichloro-2-butene		Not Listed	NA	ND(0.0058) [ND(0.0059)]
Trichloroethene		6.1	NA	ND(0.0058) [ND(0.0059)]
Trichlorofluoromethane		1,300	NA	ND(0.0058) [ND(0.0059)]
Vinyl Acetate		1,400	NA	ND(0.0058) [ND(0.0059)]
Vinyl Chloride		0.048	NA	ND(0.0058) [ND(0.0059)]
Xylenes (total)		210	NA	ND(0.0058) [ND(0.0059)]

**TABLE E-57
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-25 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-25-SB-9 3-6 03/11/05	I9-9-25-SB-9 4-6 03/11/05
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene		320	ND(4.2) [ND(0.40)]	NA
1,2,4-Trichlorobenzene		1,700	ND(4.2) [ND(0.40)]	NA
1,2-Dichlorobenzene		370	ND(4.2) [ND(0.40)]	NA
1,2-Diphenylhydrazine		3.7	ND(4.2) [ND(0.40)]	NA
1,3,5-Trinitrobenzene		32,000	ND(4.2) [ND(0.40)]	NA
1,3-Dichlorobenzene		140	ND(4.2) [ND(0.40)]	NA
1,3-Dinitrobenzene		110	ND(4.2) [ND(0.80)]	NA
1,4-Dichlorobenzene		7.3	ND(4.2) [ND(0.40)]	NA
1,4-Naphthoquinone		190	ND(4.2) [ND(0.80)]	NA
1-Naphthylamine		Not Listed	ND(4.2) [ND(0.80)]	NA
2,3,4,6-Tetrachlorophenol		32,000	ND(4.2) [ND(0.40)]	NA
2,4,5-Trichlorophenol		110,000	ND(4.2) [ND(0.40)]	NA
2,4,6-Trichlorophenol		270	ND(4.2) [ND(0.40)]	NA
2,4-Dichlorophenol		3,200	ND(4.2) [ND(0.40)]	NA
2,4-Dimethylphenol		21,000	ND(4.2) [ND(0.40)]	NA
2,4-Dinitrophenol		2,100	ND(21) [ND(2.0)]	NA
2,4-Dinitrotoluene		2,100	ND(4.2) [ND(0.40)]	NA
2,6-Dichlorophenol		3,200	ND(4.2) [ND(0.40)]	NA
2,6-Dinitrotoluene		1,100	ND(4.2) [ND(0.40)]	NA
2-Acetylaminofluorene		3.6	ND(4.2) [ND(0.80)]	NA
2-Chloronaphthalene		24,000	ND(4.2) [ND(0.40)]	NA
2-Chlorophenol		240	ND(4.2) [ND(0.40)]	NA
2-Methylnaphthalene		190	ND(4.2) [0.35 J]	NA
2-Methylphenol		53,000	ND(4.2) [ND(0.40)]	NA
2-Naphthylamine		Not Listed	ND(4.2) [ND(0.80)]	NA
2-Nitroaniline		64	ND(21) [ND(2.0)]	NA
2-Nitrophenol		Not Listed	ND(4.2) [ND(0.80)]	NA
2-Picoline		1,100	ND(4.2) [ND(0.40)]	NA
3&4-Methylphenol		5,300	ND(4.2) [ND(0.80)]	NA
3,3'-Dichlorobenzidine		6.7	ND(8.5) [ND(0.80)]	NA
3,3'-Dimethylbenzidine		0.33	ND(4.2) [ND(0.40)]	NA
3-Methylcholanthrene		0.36	ND(4.2) [ND(0.80)]	NA
3-Nitroaniline		110	ND(21) [ND(2.0)]	NA
4,6-Dinitro-2-methylphenol		1,100	ND(4.2) [ND(0.40)]	NA
4-Aminobiphenyl		27,000	ND(4.2) [ND(0.80)]	NA
4-Bromophenyl-phenylether		3,200	ND(4.2) [ND(0.40)]	NA
4-Chloro-3-Methylphenol		53,000	ND(4.2) [ND(0.40)]	NA
4-Chloroaniline		4,300	ND(4.2) [ND(0.40)]	NA
4-Chlorobenzilate		11	ND(4.2) [ND(0.80)]	NA
4-Chlorophenyl-phenylether		Not Listed	ND(4.2) [ND(0.40)]	NA
4-Nitroaniline		110	ND(4.2) [ND(2.0)]	NA
4-Nitrophenol		66,000	ND(21) [ND(2.0)]	NA
4-Nitroquinoline-1-oxide		2,100	ND(4.2) [ND(0.80)]	NA
4-Phenylenediamine		100,000	ND(4.2) [ND(0.80)]	NA
5-Nitro-o-toluidine		91	ND(4.2) [ND(0.80)]	NA
7,12-Dimethylbenz(a)anthracene		0.36	ND(4.2) [ND(0.80)]	NA
a,a'-Dimethylphenethylamine		1,100	ND(4.2) [ND(0.80)]	NA
Acenaphthene		28,000	ND(4.2) [1.0]	NA
Acenaphthylene		190	ND(4.2) [0.30 J]	NA
Acetophenone		1.6	ND(4.2) [ND(0.40)]	NA
Aniline		530	ND(4.2) [ND(0.40)]	NA
Anthracene		220,000	ND(4.2) [2.4]	NA
Aramite		120	ND(4.2) [ND(0.80)]	NA
Benzidine		0.013	ND(8.5) [ND(0.80)]	NA
Benzo(a)anthracene		3.6	1.4 J [4.3]	NA
Benzo(a)pyrene		0.36	1.7 J [3.5]	NA
Benzo(b)fluoranthene		3.6	1.1 J [2.6]	NA

**TABLE E-57
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-25 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-25-SB-9 3-6 03/11/05	I9-9-25-SB-9 4-6 03/11/05
Semivolatile Organics (continued)				
Benzo(g,h,i)perylene		190	0.97 J [1.9]	NA
Benzo(k)fluoranthene		36	1.6 J [3.1]	NA
Benzyl Alcohol		100,000	ND(8.5) [ND(0.80)]	NA
bis(2-Chloroethoxy)methane		Not Listed	ND(4.2) [ND(0.40)]	NA
bis(2-Chloroethyl)ether		0.56	ND(4.2) [ND(0.40)]	NA
bis(2-Chloroisopropyl)ether		7.4	ND(4.2) [ND(0.40)]	NA
bis(2-Ethylhexyl)phthalate		210	ND(2.1) [ND(0.40)]	NA
Butylbenzylphthalate		930	ND(4.2) [ND(0.40)]	NA
Chrysene		360	1.5 J [4.1]	NA
Diallate		49	ND(4.2) [ND(0.80)]	NA
Dibenzo(a,h)anthracene		0.36	ND(4.2) [0.40 J]	NA
Dibenzofuran		3,200	ND(4.2) [0.70]	NA
Diethylphthalate		100,000	ND(4.2) [ND(0.40)]	NA
Dimethylphthalate		100,000	ND(4.2) [ND(0.40)]	NA
Di-n-Butylphthalate		110,000	ND(4.2) [ND(0.40)]	NA
Di-n-Octylphthalate		10,000	ND(4.2) [ND(0.40)]	NA
Diphenylamine		27,000	ND(4.2) [ND(0.40)]	NA
Ethyl Methanesulfonate		Not Listed	ND(4.2) [ND(0.40)]	NA
Fluoranthene		37,000	2.2 J [8.5]	NA
Fluorene		22,000	ND(4.2) [1.2]	NA
Hexachlorobenzene		1.9	ND(4.2) [ND(0.40)]	NA
Hexachlorobutadiene		38	ND(4.2) [ND(0.40)]	NA
Hexachlorocyclopentadiene		7,100	ND(4.2) [ND(0.40)]	NA
Hexachloroethane		210	ND(4.2) [ND(0.40)]	NA
Hexachlorophene		320	ND(8.5) [ND(0.80)]	NA
Hexachloropropene		Not Listed	ND(4.2) [ND(0.40)]	NA
Indeno(1,2,3-cd)pyrene		3.6	0.53 J [1.6]	NA
Isodrin		Not Listed	ND(4.2) [ND(0.40)]	NA
Isophorone		3,200	ND(4.2) [ND(0.40)]	NA
Isosafrole		Not Listed	ND(4.2) [ND(0.80)]	NA
Methapyrilene		190	ND(4.2) [ND(0.80)]	NA
Methyl Methanesulfonate		Not Listed	ND(4.2) [ND(0.40)]	NA
Naphthalene		190	ND(4.2) [0.66]	NA
Nitrobenzene		100	ND(4.2) [ND(0.40)]	NA
N-Nitrosodiethylamine		0.02	ND(4.2) [ND(0.40)]	NA
N-Nitrosodimethylamine		0.059	ND(4.2) [ND(0.40)]	NA
N-Nitroso-di-n-butylamine		0.058	ND(4.2) [ND(0.80)]	NA
N-Nitroso-di-n-propylamine		0.43	ND(4.2) [ND(0.40)]	NA
N-Nitrosodiphenylamine		610	ND(4.2) [ND(0.40)]	NA
N-Nitrosomethylethylamine		0.14	ND(4.2) [ND(0.80)]	NA
N-Nitrosomorpholine		1.4	ND(4.2) [ND(0.40)]	NA
N-Nitrosopiperidine		1.4	ND(4.2) [ND(0.40)]	NA
N-Nitrosopyrrolidine		1.4	ND(4.2) [ND(0.80)]	NA
o,o,o-Triethylphosphorothioate		210	ND(4.2) [ND(0.40)]	NA
o-Toluidine		12	ND(4.2) [ND(0.40)]	NA
p-Dimethylaminoazobenzene		6.7	ND(4.2) [ND(0.80)]	NA
Pentachlorobenzene		860	ND(4.2) [ND(0.40)]	NA
Pentachloroethane		6.8	ND(4.2) [ND(0.40)]	NA
Pentachloronitrobenzene		12	ND(4.2) [ND(0.80)]	NA
Pentachlorophenol		15	ND(21) [ND(2.0)]	NA
Phenacetin		14,000	ND(4.2) [ND(0.80)]	NA
Phenanthrene		190	1.0 J [8.9]	NA
Phenol		100,000	ND(4.2) [ND(0.40)]	NA
Pronamide		80,000	ND(4.2) [ND(0.40)]	NA
Pyrene		26,000	2.6 J [7.7]	NA
Pyridine		1,100	ND(4.2) [ND(0.40)]	NA
Safrole		Not Listed	ND(4.2) [ND(0.40)]	NA
Thionazin		6,400	ND(4.2) [ND(0.40)]	NA

**TABLE E-57
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-25 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-25-SB-9 3-6 03/11/05	I9-9-25-SB-9 4-6 03/11/05
Furans				
2,3,7,8-TCDF		Not Applicable	0.000013 Y [0.000047 Y]	NA
TCDFs (total)		Not Applicable	0.00012 [0.00034]	NA
1,2,3,7,8-PeCDF		Not Applicable	0.0000068 [0.000019]	NA
2,3,4,7,8-PeCDF		Not Applicable	0.0000097 [0.000029]	NA
PeCDFs (total)		Not Applicable	0.00012 [0.00021]	NA
1,2,3,4,7,8-HxCDF		Not Applicable	0.000016 I [0.000043 I]	NA
1,2,3,6,7,8-HxCDF		Not Applicable	0.000011 I [0.000024]	NA
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.00000044) [ND(0.00000095)]	NA
2,3,4,6,7,8-HxCDF		Not Applicable	0.0000079 [0.000019]	NA
HxCDFs (total)		Not Applicable	0.00014 [0.00036]	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000032 [0.000068]	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.0000045 J [0.000011]	NA
HpCDFs (total)		Not Applicable	0.000056 [0.00014]	NA
OCDF		Not Applicable	0.000020 [0.000045]	NA
Dioxins				
2,3,7,8-TCDD		Not Applicable	ND(0.00000035) [ND(0.00000054)]	NA
TCDDs (total)		Not Applicable	0.0000031 [0.0000090]	NA
1,2,3,7,8-PeCDD		Not Applicable	ND(0.00000090) [ND(0.0000022)]	NA
PeCDDs (total)		Not Applicable	ND(0.0000016) [ND(0.0000031)]	NA
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.00000067) [ND(0.0000010)]	NA
1,2,3,6,7,8-HxCDD		Not Applicable	ND(0.0000010) [ND(0.0000022)]	NA
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.0000013) [ND(0.0000020)]	NA
HxCDDs (total)		Not Applicable	0.0000039 [0.000023]	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.0000053 J [0.000011]	NA
HpCDDs (total)		Not Applicable	0.000010 [0.000024]	NA
OCDD		Not Applicable	0.000015 [0.000031]	NA
Total TEQs (WHO TEFs)		Not Applicable	0.000011 [0.000031]	NA
Inorganics				
Antimony		750	1.40 B [1.50 B]	NA
Arsenic		3	7.70 [8.20]	NA
Barium		100,000	60.0 [51.0]	NA
Beryllium		3,400	0.520 [0.340 B]	NA
Cadmium		930	0.440 B [0.530]	NA
Chromium		450	11.0 [10.0]	NA
Cobalt		29,000	8.60 [8.80]	NA
Copper		70,000	53.0 [79.0]	NA
Cyanide		35	0.110 B [ND(0.240)]	NA
Lead		1,000	130 [120]	NA
Mercury		560	0.110 B [0.160]	NA
Nickel		37,000	16.0 [26.0]	NA
Selenium		9,400	ND(1.00) [ND(1.00)]	NA
Silver		9,400	ND(1.00) [ND(1.00)]	NA
Sulfide		1,200	20.0 [21.0]	NA
Thallium		150	2.60 [3.60]	NA
Tin		100,000	18.0 [13.0]	NA
Vanadium		13,000	20.0 [12.0]	NA
Zinc		100,000	170 [250]	NA

**TABLE E-57
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-25 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
6. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

J - Estimated Value.

I - Polychlorinated Diphenyl Ether (PCDPE) Interference.

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).

**TABLE E-58
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO INDUSTRIAL SCREENING PRGs
PARCEL I9-9-25 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS**

Analytical Parameter	Maximum Detect	USEPA Region 9 Industrial PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
Carbon Disulfide	0.0065	1,200	No
Dichlorodifluoromethane	0.011	310	No
Methylene Chloride	0.012	20	No
Toluene	0.0082	520	No
Semivolatile Organics			
2-Methylnaphthalene	0.35	190*	No
Acenaphthene	1	28,000	No
Acenaphthylene	0.3	190*	No
Anthracene	2.4	220,000	No
Benzo(a)anthracene	4.3	3.6	Yes
Benzo(a)pyrene	3.5	0.36	Yes
Benzo(b)fluoranthene	2.6	3.6	No
Benzo(g,h,i)perylene	1.9	190*	No
Benzo(k)fluoranthene	3.1	36	No
bis(2-Ethylhexyl)phthalate	0.56	210	No
Butylbenzylphthalate	0.8	930	No
Chrysene	4.1	360	No
Dibenzo(a,h)anthracene	0.4	0.36	Yes
Dibenzofuran	0.7	3,200	No
Di-n-Butylphthalate	0.15	110,000	No
Fluoranthene	8.5	37,000	No
Fluorene	1.2	22,000	No
Indeno(1,2,3-cd)pyrene	1.6	3.6	No
Naphthalene	0.66	190	No
N-Nitrosodiphenylamine	0.086	610	No
Phenanthrene	8.9	190*	No
Pyrene	7.7	26,000	No
Inorganics			
Antimony	1.5	750	No
Arsenic	8.2	3	Yes
Barium	60	100,000	No
Beryllium	0.52	3,400	No
Cadmium	0.59	930	No
Chromium	12	450	No
Cobalt	11	29,000	No
Copper	160	70,000	No
Cyanide	0.12	35*	No
Lead	130	1,000	No
Mercury	0.26	560	No
Nickel	26	37,000	No
Sulfide	21	1,200*	No
Thallium	5.2	150	No
Tin	18	100,000	No
Vanadium	20	13,000	No
Zinc	250	100,000	No

- Notes:**
1. PRG = Preliminary Remediation Goal.
 2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
 3. The PRGs listed in this column consist of EPA Region 9 industrial soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
 4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
 5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-59
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-25: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-25-SB-8 0-1 03/11/05	19-9-25-SB-9 0-1 03/11/05	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	0.62	0.44	N/A (See Note 5)	0.53	40	No
Benzo(a)pyrene	0.65	0.38	N/A (See Note 5)	0.52	4	No
Dibenzo(a,h)anthracene	0.076	0.087	N/A (See Note 5)	0.08	4	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	9.60E-06	6.20E-06	9.60E-06	N/A (See Note 5)	5.00E-03	No
Inorganics						
Arsenic	7.50	3.10	N/A (See Note 5)	5.30	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-60
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-25: 0- TO 3-FOOT DEPTH INCREMENT (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-25-SB-8 0-1 03/11/05	19-9-25-SB-9 0-1 03/11/05	19-9-25-SB-8 1-3 03/11/05	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics							
Benzo(a)anthracene	0.62	0.44	2.0	N/A (See Note 5)	1.0	40	No
Benzo(a)pyrene	0.65	0.38	1.8	N/A (See Note 5)	0.94	4	No
Dibenzo(a,h)anthracene	0.076	0.087	0.32	N/A (See Note 5)	0.16	4	No
Dioxins/Furans							
Total TEQs (WHO TEFs)	9.60E-06	6.20E-06	1.60E-05	1.60E-05	N/A (See Note 5)	5.00E-03	No
Inorganics							
Arsenic	7.50	3.10	7.60	N/A (See Note 5)	6.07	20	No

- Notes:**
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
 - With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
 - Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
 - The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
 - Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-61
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-25: 1- TO 6-FOOT DEPTH INCREMENT (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-25-SB-8 1-3 03/11/05	I9-9-25-SB-9 3-6 03/11/05	Arithmetic Average Concentration	MCP Method 1 S-3 GW-2/GW-3 Soil Standard (See Note 2)	Constituent Exceeds Comparison Criteria? (See Note 3)
Semivolatile Organics					
Benzo(a)anthracene	2.0	2.9	2.5	300	No
Benzo(a)pyrene	1.8	2.6	2.2	30	No
Dibenzo(a,h)anthracene	0.32	1.3	0.81	30	No
Inorganics					
Arsenic	7.60	7.95	7.78	20	No

Notes:

1. Each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
2. The Method 1 S-3 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent).
3. Arithmetic average concentrations of all constituents are compared to Method 1 Soil Standards.

TABLE E-62
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-25: 0- TO 6-FOOT DEPTH INCREMENT (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-25-SB-8 0-1 03/11/05	19-9-25-SB-9 0-1 03/11/05	19-9-25-SB-8 1-3 03/11/05	19-9-25-SB-9 3-6 03/11/05
Semivolatile Organics				
Benzo(a)anthracene	0.62	0.44	2.0	2.9
Benzo(a)pyrene	0.65	0.38	1.8	2.6
Dibenzo(a,h)anthracene	0.076	0.087	0.32	1.3
Dioxins/Furans				
Total TEQs (WHO TEFs)	(See Note 6)	(See Note 6)	1.60E-05	<i>3.10E-05</i>
Inorganics				
Arsenic	7.50	3.10	7.60	7.95
	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-3 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 5)	1.5	300	No
Benzo(a)pyrene	N/A (See Note 5)	1.4	30	No
Dibenzo(a,h)anthracene	N/A (See Note 5)	0.45	30	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	3.10E-05	N/A (See Note 5)	2.00E-02	No
Inorganics				
Arsenic	N/A (See Note 5)	6.54	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-3 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQs evaluated for the 1- to 6-foot depth increment only.
- Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.

ARCADIS

Parcel I9-9-30 (bank)

**TABLE E-63
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-30 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-30-SB-5 0-1 07/07/03	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
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
1,1,1-Trichloroethane		680	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
1,1,2-Trichloroethane		0.82	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
1,1-Dichloroethane		570	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
1,1-Dichloroethene		0.052	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
1,2,3-Trichloropropane		0.0014	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
1,2-Dibromoethane		0.0049	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
1,2-Dichloroethane		0.34	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
1,2-Dichloropropane		0.34	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
1,4-Dioxane		40	ND(0.10) J	ND(0.11) J	ND(0.12) J	ND(0.12) J
2-Butanone		6,900	ND(0.010)	ND(0.011)	ND(0.012)	ND(0.012)
2-Chloro-1,3-butadiene		3.6	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
2-Chloroethylvinylether		0.18	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
2-Hexanone		750	ND(0.010)	ND(0.011) J	ND(0.012)	ND(0.012)
3-Chloropropene		2,700	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
4-Methyl-2-pentanone		750	ND(0.010)	ND(0.011)	ND(0.012)	ND(0.012)
Acetone		1,400	0.019 J	0.015 J	0.013 J	ND(0.024)
Acetonitrile		200	ND(0.10) J	ND(0.11) J	ND(0.12) J	ND(0.12) J
Acrolein		0.1	ND(0.10) J	ND(0.11) J	ND(0.12) J	ND(0.12) J
Acrylonitrile		0.19	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059) J
Benzene		0.62	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Bromodichloromethane		0.98	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Bromoform		56	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059) J
Bromomethane		3.8	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Carbon Disulfide		350	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Carbon Tetrachloride		0.23	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Chlorobenzene		54	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
Chloroethane		1,600	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Chloroform		0.24	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Chloromethane		1.2	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
cis-1,3-Dichloropropene		Not Listed	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Dibromochloromethane		5.3	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
Dibromomethane		550	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Dichlorodifluoromethane		94	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Ethyl Methacrylate		140	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
Ethylbenzene		230	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
Iodomethane		1.2	ND(0.0052) J	ND(0.0057) J	ND(0.0061) J	ND(0.0059) J
Isobutanol		10,000	ND(0.10) J	ND(0.11) J	ND(0.12) J	ND(0.12) J
Methacrylonitrile		1.8	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Methyl Methacrylate		2,200	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Methylene Chloride		8.5	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Propionitrile		200	ND(0.010)	ND(0.011)	ND(0.012)	ND(0.012)
Styrene		1,700	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
Tetrachloroethene		4.7	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
Toluene		520	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
trans-1,2-Dichloroethene		62	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
trans-1,3-Dichloropropene		Not Listed	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
Trichloroethene		2.7	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059) J
Trichlorofluoromethane		380	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Vinyl Acetate		420	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Vinyl Chloride		0.021	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Xylenes (total)		210	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)

**TABLE E-63
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-30 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-30-SB-5 0-1 07/07/03	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
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
1,2,4-Trichlorobenzene		480	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
1,2-Dichlorobenzene		370	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
1,2-Diphenylhydrazine		0.56	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
1,3,5-Trinitrobenzene		1,600	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
1,3-Dichlorobenzene		41	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
1,3-Dinitrobenzene		5.5	ND(0.70) J	ND(0.76) J	ND(0.81)	ND(0.79) J
1,4-Dichlorobenzene		3	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
1,4-Naphthoquinone		55	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
1-Naphthylamine		Not Listed	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
2,3,4,6-Tetrachlorophenol		1,600	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
2,4,5-Trichlorophenol		5,500	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
2,4,6-Trichlorophenol		40	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
2,4-Dichlorophenol		160	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
2,4-Dimethylphenol		1,100	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
2,4-Dinitrophenol		110	ND(1.8) J	ND(1.9) J	ND(3.8) J	ND(2.0) J
2,4-Dinitrotoluene		110	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
2,6-Dichlorophenol		160	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
2,6-Dinitrotoluene		55	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
2-Acetylaminofluorene		0.56	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
2-Chloronaphthalene		3,700	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
2-Chlorophenol		59	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
2-Methylnaphthalene		55	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
2-Methylphenol		2,700	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
2-Naphthylamine		Not Listed	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
2-Nitroaniline		3.3	ND(1.8)	ND(1.9)	ND(3.8)	ND(2.0)
2-Nitrophenol		Not Listed	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
2-Picoline		55	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
3&4-Methylphenol		270	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
3,3'-Dichlorobenzidine		0.99	ND(0.70)	ND(0.76)	ND(1.5)	ND(0.79)
3,3'-Dimethylbenzidine		0.048	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
3-Methylcholanthrene		0.056	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
3-Nitroaniline		5.5	ND(1.8)	ND(1.9)	ND(3.8)	ND(2.0)
4,6-Dinitro-2-methylphenol		55	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
4-Aminobiphenyl		1,400	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
4-Bromophenyl-phenylether		160	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
4-Chloro-3-Methylphenol		2,700	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
4-Chloroaniline		220	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
4-Chlorobenzilate		1.6	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
4-Chlorophenyl-phenylether		Not Listed	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
4-Nitroaniline		5.5	ND(1.8)	ND(1.9)	ND(2.1)	ND(2.0)
4-Nitrophenol		3,400	ND(1.8) J	ND(1.9) J	ND(3.8) J	ND(2.0) J
4-Nitroquinoline-1-oxide		110	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
4-Phenylenediamine		10,000	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
5-Nitro-o-toluidine		13	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
a,a'-Dimethylphenethylamine		55	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
Acenaphthene		2,600	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Acenaphthylene		55	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Acetophenone		0.49	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Aniline		78	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Anthracene		14,000	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Aramite		18	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
Benzidine		0.0019	ND(0.70)	ND(0.76)	ND(1.5)	ND(0.79)
Benzo(a)anthracene		0.56	ND(0.35)	ND(0.38)	0.21 J	ND(0.39)
Benzo(a)pyrene		0.056	ND(0.35)	ND(0.38)	0.24 J	ND(0.39)
Benzo(b)fluoranthene		0.56	ND(0.35)	ND(0.38)	0.25 J	ND(0.39)
Benzo(g,h,i)perylene		55	ND(0.35)	ND(0.38)	0.26 J	ND(0.39)
Benzo(k)fluoranthene		5.6	ND(0.35)	ND(0.38)	0.22 J	ND(0.39)
Benzyl Alcohol		16,000	ND(0.70)	ND(0.76)	ND(1.5)	ND(0.79)

**TABLE E-63
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-30 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-30-SB-5 0-1 07/07/03	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
Semivolatile Organics (continued)						
bis(2-Chloroethoxy)methane		Not Listed	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
bis(2-Chloroethyl)ether		0.18	ND(0.35) J	ND(0.38) J	ND(0.76) J	ND(0.39) J
bis(2-Chloroisopropyl)ether		2.5	ND(0.35) J	ND(0.38) J	ND(0.76)	ND(0.39) J
bis(2-Ethylhexyl)phthalate		32	ND(0.35)	ND(0.37)	ND(0.40)	ND(0.39)
Butylbenzylphthalate		930	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Chrysene		56	ND(0.35)	0.096 J	0.23 J	0.11 J
Diallate		7.3	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
Dibenzo(a,h)anthracene		0.056	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Dibenzofuran		210	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Diethylphthalate		44,000	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Dimethylphthalate		100,000	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Di-n-Butylphthalate		5,500	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Di-n-Octylphthalate		1,100	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Diphenylamine		1,400	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Ethyl Methanesulfonate		Not Listed	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Fluoranthene		2,000	ND(0.35)	0.17 J	0.37 J	0.22 J
Fluorene		1,800	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Hexachlorobenzene		0.28	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Hexachlorobutadiene		5.7	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Hexachlorocyclopentadiene		380	ND(0.35) J	ND(0.38) J	ND(0.76) J	ND(0.39) J
Hexachloroethane		32	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Hexachlorophene		16	ND(0.70) J	ND(0.76) J	ND(1.5) J	ND(0.79) J
Hexachloropropene		Not Listed	ND(0.35) J	ND(0.38) J	ND(0.76) J	ND(0.39) J
Indeno(1,2,3-cd)pyrene		0.56	ND(0.35)	ND(0.38)	0.18 J	ND(0.39)
Isodrin		Not Listed	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Isophorone		470	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Isosafrole		Not Listed	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
Methapyrilene		55	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
Methyl Methanesulfonate		Not Listed	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Naphthalene		55	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Nitrobenzene		16	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
N-Nitrosodiethylamine		0.003	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
N-Nitrosodimethylamine		0.0087	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
N-Nitroso-di-n-butylamine		0.022	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
N-Nitroso-di-n-propylamine		0.063	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
N-Nitrosodiphenylamine		91	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
N-Nitrosomethylethylamine		0.02	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
N-Nitrosomorpholine		0.21	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
N-Nitrosopiperidine		0.21	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
N-Nitrosopyrrolidine		0.21	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
o,o,o-Triethylphosphorothioate		11	ND(0.35) J	ND(0.38) J	ND(0.76) J	ND(0.39) J
o-Toluidine		1.9	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
p-Dimethylaminoazobenzene		0.99	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
Pentachlorobenzene		44	ND(0.35)	ND(0.38)	ND(0.76) J	ND(0.39)
Pentachloroethane		2.8	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Pentachloronitrobenzene		1.7	ND(0.70) J	ND(0.76) J	ND(0.81)	ND(0.79) J
Pentachlorophenol		2.5	ND(1.8)	ND(1.9)	ND(3.8)	ND(2.0)
Phenacetin		640	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
Phenanthrene		55	ND(0.35)	0.11 J	ND(0.76)	0.11 J
Phenol		33,000	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Pronamide		4,100	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Pyrene		1,500	ND(0.35)	0.13 J	0.42 J	0.23 J
Pyridine		55	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Safrole		Not Listed	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Thionazin		330	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)

**TABLE E-63
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-30 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-30-SB-5 0-1 07/07/03	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
Furans						
2,3,7,8-TCDF		Not Applicable	ND(0.0000014) Y	0.000097 Y	0.000021 Y	0.000013 Y
TCDFs (total)		Not Applicable	0.0000032	0.000050	0.000014	0.000012
1,2,3,7,8-PeCDF		Not Applicable	ND(0.00000061)	0.000044	0.000016	0.0000082
2,3,4,7,8-PeCDF		Not Applicable	ND(0.00000065)	0.000011	0.000022	0.0000092
PeCDFs (total)		Not Applicable	0.0000069	0.000068	0.000021	0.000014
1,2,3,4,7,8-HxCDF		Not Applicable	0.0000086	0.00017 I	0.000016 I	0.000013 I
1,2,3,6,7,8-HxCDF		Not Applicable	ND(0.00000088) X	0.000033	0.000011	0.0000074
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.00000040)	0.0000041	ND(0.0000032)	ND(0.00000071)
2,3,4,6,7,8-HxCDF		Not Applicable	ND(0.00000035)	0.000035	ND(0.000012) X	ND(0.0000085) X
HxCDFs (total)		Not Applicable	0.000020	0.000050	0.000032	0.000030
1,2,3,4,6,7,8-HpCDF		Not Applicable	ND(0.000012) X	0.000016	0.000064	0.000059
1,2,3,4,7,8,9-HpCDF		Not Applicable	ND(0.0000014) X	0.000039	0.000014	ND(0.000012) X
HpCDFs (total)		Not Applicable	ND(0.00000041)	0.00023	0.000085	0.000065
OCDF		Not Applicable	0.000056	0.011	0.00038	0.00033
Dioxins						
2,3,7,8-TCDD		Not Applicable	ND(0.00000047) J	ND(0.00000078) J	ND(0.00000066) J	ND(0.00000062)
TCDDs (total)		Not Applicable	ND(0.00000047) J	0.0000058 J	0.0000040 J	ND(0.00000062)
1,2,3,7,8-PeCDD		Not Applicable	ND(0.00000051)	ND(0.0000012)	ND(0.0000011)	ND(0.0000012)
PeCDDs (total)		Not Applicable	ND(0.00000051)	ND(0.0000012)	ND(0.0000011)	ND(0.0000012)
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.00000034)	ND(0.00000099)	ND(0.00000087)	ND(0.00000080)
1,2,3,6,7,8-HxCDD		Not Applicable	ND(0.00000031)	ND(0.0000046) X	0.0000036	0.0000035
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.00000031)	ND(0.0000048) X	0.0000039	0.0000038
HxCDDs (total)		Not Applicable	ND(0.00000031)	ND(0.00000090)	0.0000076	0.0000073
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.0000061	0.000029	0.000049	0.000052
HpCDDs (total)		Not Applicable	0.000011	0.000055	0.000091	0.000090
OCDD		Not Applicable	0.000045	0.00021	0.00046	0.00057
Total TEQs (WHO TEFs)		Not Applicable	0.0000019	0.000096	0.000035	0.000023
Inorganics						
Antimony		30	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		0.38	2.40	7.60	11.0	5.40
Barium		5,200	33.0	63.0	110	61.0
Beryllium		150	0.200 B	0.280 B	0.210 B	0.220 B
Cadmium		37	0.110 B	0.440 B	0.920	0.930
Chromium		210	7.40	13.0	27.0	12.0
Cobalt		3,300	5.70	5.10	12.0	8.20
Copper		2,800	14.0	30.0	78.0	46.0
Cyanide		11	0.130	0.290	0.300	0.160
Lead		400	13.0	100	190	150
Mercury		22	0.200	0.130	0.130	0.170
Nickel		1,500	10.0	11.0	23.0	18.0
Selenium		370	ND(1.00) J	ND(1.00) J	ND(1.00) J	ND(1.00) J
Silver		370	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide		350	310	9.10	ND(6.10)	28.0
Thallium		6	ND(1.00)	ND(1.10)	ND(1.20)	ND(1.20)
Tin		45,000	ND(10.0)	ND(10.0)	30.0	ND(10.0)
Vanadium		520	8.00	12.0	12.0	11.0
Zinc		22,000	35.0	99.0	2300	390

**TABLE E-63
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-30 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

J - Estimated Value.

I - Polychlorinated Diphenyl Ether (PCDPE) Interference.

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 - Estimated Value.

TABLE E-64
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
PARCEL I9-9-30 (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
Acetone	0.019	1,400	No
Semivolatile Organics			
Benzo(a)anthracene	0.21	0.56	No
Benzo(a)pyrene	0.24	0.056	Yes
Benzo(b)fluoranthene	0.25	0.56	No
Benzo(g,h,i)perylene	0.26	55*	No
Benzo(k)fluoranthene	0.22	5.6	No
Chrysene	0.23	56	No
Fluoranthene	0.37	2,000	No
Indeno(1,2,3-cd)pyrene	0.18	0.56	No
Phenanthrene	0.11	55*	No
Pyrene	0.42	1,500	No
Inorganics			
Arsenic	11	0.38	Yes
Barium	110	5,200	No
Beryllium	0.28	150	No
Cadmium	0.93	37	No
Chromium	27	210	No
Cobalt	12	3,300	No
Copper	78	2,800	No
Cyanide	0.3	11*	No
Lead	190	400	No
Mercury	0.2	22	No
Nickel	23	1,500	No
Sulfide	310	350*	No
Tin	30	45,000	No
Vanadium	12	520	No
Zinc	2,300	22,000	No

- Notes:**
1. PRG = Preliminary Remediation Goal.
 2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
 3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
 4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
 5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-65
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-30: 0- TO 1-FOOT DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-30-SB-5 0-1 07/07/03	I9-9-30-SB-6 0-1 07/07/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)pyrene	0.18	0.24	N/A (See Note 5)	0.21	2	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.90E-06	3.50E-05	3.50E-05	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	2.40	11.0	N/A (See Note 5)	6.70	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-66
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-30: 1- TO X-FOOT [X=3] DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-30-SB-5 1-3 07/07/03	I9-9-30-SB-6 1-3 07/07/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)pyrene	0.19	0.20	N/A (See Note 5)	0.20	2	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	9.60E-05	2.30E-05	9.60E-05	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	7.60	5.40	N/A (See Note 5)	6.50	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

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Parcel I9-9-30 (non-bank)

**TABLE E-67
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-30 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-30-SB-8 0-1 03/11/05	I9-9-30-SB-8 1-3 03/11/05	I9-9-30-SB-12 0-1 03/11/05	I9-9-30-SB-12 3-6 03/11/05	I9-9-30-SB-12 4-6 03/11/05
Volatil Organic							
1,1,1,2-Tetrachloroethane		6.8	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
1,1,1-Trichloroethane		1,400	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
1,1,2,2-Tetrachloroethane		0.87	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
1,1,2-Trichloroethane		1.9	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
1,1-Dichloroethane		2,000	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
1,1-Dichloroethene		0.12	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
1,2,3-Trichloropropane		0.0031	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
1,2-Dibromo-3-chloropropane		2.1	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
1,2-Dibromoethane		0.029	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
1,2-Dichloroethane		0.76	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
1,2-Dichloropropane		0.76	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
1,4-Dioxane		270	ND(0.11)	ND(0.12)	ND(0.11)	NA	ND(0.13)
2-Butanone		27,000	ND(0.011)	ND(0.012)	ND(0.011)	NA	ND(0.013)
2-Chloro-1,3-butadiene		12	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
2-Chloroethylvinylether		0.56	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
2-Hexanone		2,800	ND(0.011)	ND(0.012)	ND(0.011)	NA	ND(0.013)
3-Chloropropane		52,000	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
4-Methyl-2-pentanone		2,800	ND(0.011)	ND(0.012)	ND(0.011)	NA	ND(0.013)
Acetone		6,100	ND(0.022)	ND(0.024)	ND(0.023)	NA	ND(0.027)
Acetonitrile		1,300	ND(0.11)	ND(0.12)	ND(0.11)	NA	ND(0.13)
Acrolein		0.34	ND(0.11)	ND(0.12)	ND(0.11)	NA	ND(0.13)
Acrylonitrile		0.49	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
Benzene		1.4	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
Bromodichloromethane		2.3	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
Bromoform		380	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
Bromomethane		13	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
Carbon Disulfide		1,200	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	0.0085
Carbon Tetrachloride		0.52	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
Chlorobenzene		180	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
Chloroethane		1,600	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
Chloroform		0.52	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
Chloromethane		2.6	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
cis-1,3-Dichloropropene		Not Listed	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
Dibromochloromethane		36	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
Dibromomethane		11,000	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
Dichlorodifluoromethane		310	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
Ethyl Methacrylate		140	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
Ethylbenzene		230	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
Iodomethane		2.6	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
Isobutanol		40,000	ND(0.11)	ND(0.12)	ND(0.11)	NA	ND(0.13)
Methacrylonitrile		8.4	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
Methyl Methacrylate		7,300	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
Methylene Chloride		20	0.0080	ND(0.0061)	ND(0.0057)	NA	0.012
Propionitrile		1,300	ND(0.011)	ND(0.012)	ND(0.011)	NA	ND(0.013)
Styrene		1,700	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
Tetrachloroethene		16	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
Toluene		520	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
trans-1,2-Dichloroethene		210	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
trans-1,3-Dichloropropene		Not Listed	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
Trichloroethene		6.1	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
Trichlorofluoromethane		1,300	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	0.0073
Vinyl Acetate		1,400	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
Vinyl Chloride		0.048	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)
Xylenes (total)		210	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)

TABLE E-67
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-30 (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-30-SB-8 0-1 03/11/05	I9-9-30-SB-8 1-3 03/11/05	I9-9-30-SB-12 0-1 03/11/05	I9-9-30-SB-12 3-6 03/11/05	I9-9-30-SB-12 4-6 03/11/05
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		320	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
1,2,4-Trichlorobenzene		1,700	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
1,2-Dichlorobenzene		370	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
1,2-Diphenylhydrazine		3.7	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
1,3,5-Trinitrobenzene		32,000	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
1,3-Dichlorobenzene		140	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
1,3-Dinitrobenzene		110	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA
1,4-Dichlorobenzene		7.3	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
1,4-Naphthoquinone		190	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA
1-Naphthylamine		Not Listed	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA
2,3,4,6-Tetrachlorophenol		32,000	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
2,4,5-Trichlorophenol		110,000	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
2,4,6-Trichlorophenol		270	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
2,4-Dichlorophenol		3,200	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
2,4-Dimethylphenol		21,000	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
2,4-Dinitrophenol		2,100	ND(1.9)	ND(20)	ND(19)	ND(2.1)	NA
2,4-Dinitrotoluene		2,100	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
2,6-Dichlorophenol		3,200	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
2,6-Dinitrotoluene		1,100	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
2-Acetylaminofluorene		3.6	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA
2-Chloronaphthalene		24,000	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
2-Chlorophenol		240	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
2-Methylnaphthalene		190	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
2-Methylphenol		53,000	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
2-Naphthylamine		Not Listed	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA
2-Nitroaniline		64	ND(1.9)	ND(20)	ND(19)	ND(2.1)	NA
2-Nitrophenol		Not Listed	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA
2-Picoline		1,100	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
3&4-Methylphenol		5,300	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA
3,3'-Dichlorobenzidine		6.7	ND(0.75)	ND(8.1)	ND(7.6)	ND(0.82)	NA
3,3'-Dimethylbenzidine		0.33	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
3-Methylcholanthrene		0.36	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA
3-Nitroaniline		110	ND(1.9)	ND(20)	ND(19)	ND(2.1)	NA
4,6-Dinitro-2-methylphenol		1,100	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
4-Aminobiphenyl		27,000	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA
4-Bromophenyl-phenylether		3,200	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
4-Chloro-3-Methylphenol		53,000	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
4-Chloroaniline		4,300	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
4-Chlorobenzilate		11	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA
4-Chlorophenyl-phenylether		Not Listed	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
4-Nitroaniline		110	ND(1.9)	ND(4.1)	ND(3.8)	ND(2.1)	NA
4-Nitrophenol		66,000	ND(1.9)	ND(20)	ND(19)	ND(2.1)	NA
4-Nitroquinoline-1-oxide		2,100	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA
4-Phenylenediamine		100,000	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA
5-Nitro-o-toluidine		91	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA
7,12-Dimethylbenz(a)anthracene		0.36	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA
a,a'-Dimethylphenethylamine		1,100	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA
Acenaphthene		28,000	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
Acenaphthylene		190	ND(0.38)	0.59 J	0.43 J	ND(0.41)	NA
Acetophenone		1.6	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
Aniline		530	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
Anthracene		220,000	ND(0.38)	0.45 J	ND(3.8)	ND(0.41)	NA
Aramite		120	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA
Benzidine		0.013	ND(0.75)	ND(8.1)	ND(7.6)	ND(0.82)	NA
Benzo(a)anthracene		3.6	ND(0.38)	2.3 J	0.69 J	0.078 J	NA
Benzo(a)pyrene		0.36	ND(0.38)	2.7 J	0.82 J	0.073 J	NA
Benzo(b)fluoranthene		3.6	ND(0.38)	2.3 J	0.68 J	0.073 J	NA
Benzo(g,h,i)perylene		190	ND(0.38)	1.5 J	ND(3.8)	0.047 J	NA

**TABLE E-67
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-30 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-30-SB-8 0-1 03/11/05	I9-9-30-SB-8 1-3 03/11/05	I9-9-30-SB-12 0-1 03/11/05	I9-9-30-SB-12 3-6 03/11/05	I9-9-30-SB-12 4-6 03/11/05
Benzo(k)fluoranthene		36	ND(0.38)	2.4 J	0.57 J	0.085 J	NA
Benzyl Alcohol		100,000	ND(0.75)	ND(8.1)	ND(7.6)	ND(0.82)	NA
Semivolatile Organics (continued)							
bis(2-Chloroethoxy)methane		Not Listed	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
bis(2-Chloroethyl)ether		0.56	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
bis(2-Chloroisopropyl)ether		7.4	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
bis(2-Ethylhexyl)phthalate		210	0.36 J	4.1	ND(1.9)	ND(0.41)	NA
Butylbenzylphthalate		930	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
Chrysene		360	ND(0.38)	2.4 J	0.71 J	0.11 J	NA
Diallate		49	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA
Dibenzo(a,h)anthracene		0.36	ND(0.38)	0.41 J	ND(3.8)	ND(0.41)	NA
Dibenzofuran		3200	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
Diethylphthalate		100,000	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
Dimethylphthalate		100,000	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
Di-n-Butylphthalate		110,000	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
Di-n-Octylphthalate		10,000	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
Diphenylamine		27,000	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
Ethyl Methanesulfonate		Not Listed	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
Fluoranthene		37,000	ND(0.38)	4.0 J	1.0 J	0.16 J	NA
Fluorene		22,000	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
Hexachlorobenzene		1.9	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
Hexachlorobutadiene		38	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
Hexachlorocyclopentadiene		7,100	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
Hexachloroethane		210	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
Hexachlorophene		320	ND(0.75)	ND(8.1)	ND(7.6)	ND(0.82)	NA
Hexachloropropene		Not Listed	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
Indeno(1,2,3-cd)pyrene		3.6	ND(0.38)	1.4 J	0.42 J	ND(0.41)	NA
Isodrin		Not Listed	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
Isophorone		3,200	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
Isosafrole		Not Listed	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA
Methapyrilene		190	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA
Methyl Methanesulfonate		Not Listed	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
Naphthalene		190	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
Nitrobenzene		100	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
N-Nitrosodiethylamine		0.02	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
N-Nitrosodimethylamine		0.059	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
N-Nitroso-di-n-butylamine		0.058	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA
N-Nitroso-di-n-propylamine		0.43	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
N-Nitrosodiphenylamine		610	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
N-Nitrosomethylethylamine		0.14	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA
N-Nitrosomorpholine		1.4	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
N-Nitrosopiperidine		1.4	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
N-Nitrosopyrrolidine		1.4	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA
o,o,o-Triethylphosphorothioate		210	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
o-Toluidine		12	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
p-Dimethylaminoazobenzene		6.7	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA
Pentachlorobenzene		860	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
Pentachloroethane		6.8	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
Pentachloronitrobenzene		12	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA
Pentachlorophenol		15	ND(1.9)	ND(20)	ND(19)	ND(2.1)	NA
Phenacetin		14,000	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA
Phenanthrene		190	ND(0.38)	1.8 J	0.44 J	0.081 J	NA
Phenol		100,000	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
Pronamide		80,000	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
Pyrene		26,000	ND(0.38)	4.2	1.0 J	0.15 J	NA
Pyridine		1,100	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
Safrole		Not Listed	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA
Thionazin		6,400	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA

TABLE E-67
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-30 (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN 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): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-30-SB-8 0-1 03/11/05	I9-9-30-SB-8 1-3 03/11/05	I9-9-30-SB-12 0-1 03/11/05	I9-9-30-SB-12 3-6 03/11/05	I9-9-30-SB-12 4-6 03/11/05
Furans						
2,3,7,8-TCDF	Not Applicable	0.000023 Y	0.000034 Y	0.000027 Y	0.000073 Y	NA
TCDFs (total)	Not Applicable	0.000023	0.00024	0.00025	0.00013	NA
1,2,3,7,8-PeCDF	Not Applicable	ND(0.0000012)	0.000011	0.000015	0.000010	NA
2,3,4,7,8-PeCDF	Not Applicable	ND(0.0000017)	0.000018	0.000024	0.000014	NA
PeCDFs (total)	Not Applicable	0.000022	0.00029	0.00052	0.00013	NA
1,2,3,4,7,8-HxCDF	Not Applicable	ND(0.0000022)	0.000017	0.000044 I	0.000024	NA
1,2,3,6,7,8-HxCDF	Not Applicable	ND(0.0000019)	0.000021	0.000037 I	0.000017	NA
1,2,3,7,8,9-HxCDF	Not Applicable	ND(0.00000037)	ND(0.00000052)	ND(0.00000093)	ND(0.00000063)	NA
2,3,4,6,7,8-HxCDF	Not Applicable	ND(0.0000019)	0.000022	0.000038	0.000017	NA
HxCDFs (total)	Not Applicable	0.000027	0.00051	0.0010	0.00014	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.0000051 J	0.000054	0.000090	0.000069	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	ND(0.0000056)	0.000057 J	0.000014	0.000053 J	NA
HpCDFs (total)	Not Applicable	0.000012	0.00015	0.00025	0.000092	NA
OCDF	Not Applicable	ND(0.0000056)	0.000057	0.000055	0.000035	NA
Dioxins						
2,3,7,8-TCDD	Not Applicable	ND(0.00000032)	0.00000077 J	ND(0.00000053)	0.00000087 J	NA
TCDDs (total)	Not Applicable	ND(0.00000032)	0.0000042	0.0000070	0.000029	NA
1,2,3,7,8-PeCDD	Not Applicable	ND(0.00000047)	ND(0.0000015)	ND(0.0000024)	0.0000040 J	NA
PeCDDs (total)	Not Applicable	ND(0.00000047)	ND(0.0000027)	0.0000032	0.000035	NA
1,2,3,4,7,8-HxCDD	Not Applicable	ND(0.00000036)	ND(0.00000095)	ND(0.0000012)	0.0000032 J	NA
1,2,3,6,7,8-HxCDD	Not Applicable	ND(0.00000040)	0.0000051 J	0.0000038 J	0.0000042 J	NA
1,2,3,7,8,9-HxCDD	Not Applicable	ND(0.00000033)	ND(0.0000027)	ND(0.0000028)	0.0000044 J	NA
HxCDDs (total)	Not Applicable	ND(0.0000010)	0.000036	0.000034	0.000059	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.0000056 J	0.000085	0.000030	0.000021	NA
HpCDDs (total)	Not Applicable	0.000010	0.00018	0.000062	0.000043	NA
OCDD	Not Applicable	0.000047	0.0011	0.00027	0.000028	NA
Total TEQs (WHO TEFs)	Not Applicable	0.0000016	0.000023	0.000031	0.000021	NA
Inorganics						
Antimony	750	5.10 B	2.00 B	1.00 B	ND(6.00)	NA
Arsenic	3	2.20	5.00	4.80	14.0	NA
Barium	100,000	70.0	55.0	40.0	78.0	NA
Beryllium	3,400	0.230 B	0.320 B	0.310 B	0.300 B	NA
Cadmium	930	0.270 B	0.430 B	0.280 B	ND(0.500)	NA
Chromium	450	8.90	14.0	9.50	9.10	NA
Cobalt	29,000	6.40	10.0	7.70	5.80	NA
Copper	70,000	13.0	30.0	39.0	24.0	NA
Cyanide	35	ND(0.110)	0.0930 B	0.0780 B	0.0930 B	NA
Lead	1,000	9.70	73.0	59.0	170	NA
Mercury	560	ND(0.110)	0.120 B	0.260	0.270	NA
Nickel	37,000	11.0	22.0	14.0	12.0	NA
Selenium	9,400	ND(1.00)	ND(1.00)	0.650 B	ND(1.00)	NA
Silver	9,400	ND(1.00)	ND(1.00)	ND(1.00)	0.670 B	NA
Sulfide	1,200	18.0	12.0	28.0	ND(6.20)	NA
Thallium	150	2.50	3.90	3.70	2.20	NA
Tin	100,000	4.80 B	7.30 B	5.40 B	7.70 B	NA
Vanadium	13,000	15.0	16.0	37.0	17.0	NA
Zinc	100,000	27.0	110	62.0	86.0	NA

**TABLE E-67
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-30 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

J - Estimated Value.

I - Polychlorinated Diphenyl Ether (PCDPE) Interference.

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).

**TABLE E-68
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
PARCEL I9-9-30 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS**

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
Carbon Disulfide	0.0085	350	No
Methylene Chloride	0.012	8.5	No
Trichlorofluoromethane	0.0073	380	No
Semivolatile Organics			
Acenaphthylene	0.59	55*	No
Anthracene	0.45	14,000	No
Benzo(a)anthracene	2.3	0.56	Yes
Benzo(a)pyrene	2.7	0.056	Yes
Benzo(b)fluoranthene	2.3	0.56	Yes
Benzo(g,h,i)perylene	1.5	55*	No
Benzo(k)fluoranthene	2.4	5.6	No
bis(2-Ethylhexyl)phthalate	4.1	32	No
Chrysene	2.4	56	No
Dibenzo(a,h)anthracene	0.41	0.056	Yes
Fluoranthene	4	2,000	No
Indeno(1,2,3-cd)pyrene	1.4	0.56	Yes
Phenanthrene	1.8	55*	No
Pyrene	4.2	1,500	No
Inorganics			
Antimony	5.1	30	No
Arsenic	14	0.38	Yes
Barium	78	5,200	No
Beryllium	0.32	150	No
Cadmium	0.43	37	No
Chromium	14	210	No
Cobalt	10	3,300	No
Copper	39	2,800	No
Cyanide	0.093	11*	No
Lead	170	400	No
Mercury	0.27	22	No
Nickel	22	1,500	No
Selenium	0.65	370	No
Silver	0.67	370	No
Sulfide	28	350*	No
Thallium	3.9	6	No
Tin	7.7	45,000	No
Vanadium	37	520	No
Zinc	110	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-69
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-30: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-30-SB-8 0-1 03/11/05	19-9-30-SB-12 0-1 03/11/05	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	0.19	0.69	N/A (See Note 5)	0.44	7	No
Benzo(a)pyrene	0.19	0.82	N/A (See Note 5)	0.51	2	No
Benzo(b)fluoranthene	0.19	0.68	N/A (See Note 5)	0.44	7	No
Dibenzo(a,h)anthracene	0.19	1.9	N/A (See Note 5)	1.0	0.7	(See Note 6)
Indeno(1,2,3-cd)pyrene	0.19	0.42	N/A (See Note 5)	0.31	7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.60E-06	3.10E-05	3.10E-05	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	2.20	4.80	N/A (See Note 5)	3.50	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Dibenzo(a,h)anthracene was not detected in this depth increment.

TABLE E-70
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-30: 1- TO X-FOOT [X=6] DEPTH INCREMENT (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-30-SB-8 1-3 03/11/05	I9-9-30-SB-12 3-6 03/11/05	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	2.3	0.078	N/A (See Note 5)	1.2	7	No
Benzo(a)pyrene	2.7	0.073	N/A (See Note 5)	1.4	2	No
Benzo(b)fluoranthene	2.3	0.073	N/A (See Note 5)	1.2	7	No
Dibenzo(a,h)anthracene	0.41	0.21	N/A (See Note 5)	0.31	0.7	No
Indeno(1,2,3-cd)pyrene	1.4	0.21	N/A (See Note 5)	0.81	7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	5.70E-05	3.50E-05	5.70E-05	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	5.00	14.0	N/A (See Note 5)	9.50	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

ARCADIS

Parcel I9-9-31 (bank)

**TABLE E-71
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-31 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	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	I9-9-31-SB-3 1-3 07/07/03	I9-9-32-SB-3-W 1-3 10/11/05
Volatile Organics							
1,1,1,2-Tetrachloroethane		2.8	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
1,1,1-Trichloroethane		680	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
1,1,2,2-Tetrachloroethane		0.36	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
1,1,2-Trichloroethane		0.82	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
1,1-Dichloroethane		570	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
1,1-Dichloroethene		0.052	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
1,2,3-Trichloropropane		0.0014	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
1,2-Dibromo-3-chloropropane		0.32	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
1,2-Dibromoethane		0.0049	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
1,2-Dichloroethane		0.34	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
1,2-Dichloropropane		0.34	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
1,4-Dioxane		40	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J	NA
2-Butanone		6,900	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	NA
2-Chloro-1,3-butadiene		3.6	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
2-Chloroethylvinylether		0.18	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
2-Hexanone		750	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	NA
3-Chloropropane		2,700	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
4-Methyl-2-pentanone		750	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	NA
Acetone		1,400	ND(0.021)	ND(0.022)	ND(0.022)	0.025	NA
Acetonitrile		200	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J	NA
Acrolein		0.1	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J	NA
Acrylonitrile		0.19	ND(0.0054)	ND(0.0054) J	ND(0.0054) J	ND(0.0054) J	NA
Benzene		0.62	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
Bromodichloromethane		0.98	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
Bromoform		56	ND(0.0054)	ND(0.0054) J	ND(0.0054) J	ND(0.0054)	NA
Bromomethane		3.8	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
Carbon Disulfide		350	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
Carbon Tetrachloride		0.23	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
Chlorobenzene		54	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
Chloroethane		1,600	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
Chloroform		0.24	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
Chloromethane		1.2	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
cis-1,3-Dichloropropene		Not Listed	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
Dibromochloromethane		5.3	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
Dibromomethane		550	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
Dichlorodifluoromethane		94	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
Ethyl Methacrylate		140	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
Ethylbenzene		230	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
Iodomethane		1.2	ND(0.0054) J	ND(0.0054) J	ND(0.0054) J	ND(0.0054) J	NA
Isobutanol		10,000	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J	NA
Methacrylonitrile		1.8	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
Methyl Methacrylate		2,200	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
Methylene Chloride		8.5	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
Propionitrile		200	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	NA
Styrene		1,700	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
Tetrachloroethene		4.7	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
Toluene		520	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
trans-1,2-Dichloroethene		62	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
trans-1,3-Dichloropropene		Not Listed	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
Trichloroethene		2.7	ND(0.0054)	ND(0.0054) J	ND(0.0054) J	ND(0.0054)	NA
Trichlorofluoromethane		380	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
Vinyl Acetate		420	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
Vinyl Chloride		0.021	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA
Xylenes (total)		210	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA

**TABLE E-71
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-31 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	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	I9-9-31-SB-3 1-3 07/07/03	I9-9-32-SB-3-W 1-3 10/11/05
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		16	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
1,2,4-Trichlorobenzene		480	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
1,2-Dichlorobenzene		370	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
1,2-Diphenylhydrazine		0.56	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
1,3,5-Trinitrobenzene		1,600	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74) J
1,3-Dichlorobenzene		41	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
1,3-Dinitrobenzene		5.5	ND(0.72) J	ND(0.73) J	ND(0.72) J	ND(0.72) J	ND(0.82) J
1,4-Dichlorobenzene		3	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
1,4-Naphthoquinone		55	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82)
1-Naphthylamine		Not Listed	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82)
2,3,4,6-Tetrachlorophenol		1,600	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
2,4,5-Trichlorophenol		5,500	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
2,4,6-Trichlorophenol		40	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
2,4-Dichlorophenol		160	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
2,4-Dimethylphenol		1,100	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74) J
2,4-Dinitrophenol		110	ND(1.8) J	ND(1.8) J	ND(1.8) J	ND(1.8) J	ND(3.7) J
2,4-Dinitrotoluene		110	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
2,6-Dichlorophenol		160	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
2,6-Dinitrotoluene		55	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
2-Acetylaminofluorene		0.56	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82) J
2-Chloronaphthalene		3,700	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
2-Chlorophenol		59	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
2-Methylnaphthalene		55	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
2-Methylphenol		2,700	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
2-Naphthylamine		Not Listed	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82) J
2-Nitroaniline		3.3	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(3.7) J
2-Nitrophenol		Not Listed	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82)
2-Picoline		55	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
3&4-Methylphenol		270	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82)
3,3'-Dichlorobenzidine		0.99	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(1.5)
3,3'-Dimethylbenzidine		0.048	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
3-Methylcholanthrene		0.056	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82)
3-Nitroaniline		5.5	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(3.7)
4,6-Dinitro-2-methylphenol		55	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
4-Aminobiphenyl		1,400	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82) J
4-Bromophenyl-phenylether		160	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
4-Chloro-3-Methylphenol		2,700	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
4-Chloroaniline		220	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
4-Chlorobenzilate		1.6	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82)
4-Chlorophenyl-phenylether		Not Listed	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
4-Nitroaniline		5.5	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(2.1)
4-Nitrophenol		3,400	ND(1.8) J	ND(1.8) J	ND(1.8) J	ND(1.8) J	ND(3.7)
4-Nitroquinoline-1-oxide		110	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82) J
4-Phenylenediamine		10,000	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82)
5-Nitro-o-toluidine		13	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82)
a,a'-Dimethylphenethylamine		55	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82) J
Acenaphthene		2,600	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Acenaphthylene		55	ND(0.36)	ND(0.36)	ND(0.36)	0.12 J	ND(0.74)
Acetophenone		0.49	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Aniline		78	ND(0.36)	0.079 J	ND(0.36)	0.10 J	ND(0.74) J
Anthracene		14,000	ND(0.36)	ND(0.36)	ND(0.36)	0.074 J	ND(0.74)
Aramite		18	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82)
Benzidine		0.0019	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(1.5) J
Benzo(a)anthracene		0.56	ND(0.36)	0.10 J	0.11 J	0.18 J	ND(0.74)
Benzo(a)pyrene		0.056	ND(0.36)	0.13 J	0.12 J	0.21 J	ND(0.74)
Benzo(b)fluoranthene		0.56	ND(0.36)	0.12 J	0.11 J	0.18 J	ND(0.74)
Benzo(g,h,i)perylene		55	ND(0.36)	ND(0.36)	0.095 J	ND(0.36)	ND(0.74)

**TABLE E-71
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-31 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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): Date Collected:	EPA Region 9 Residential PRGs	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	I9-9-31-SB-3 1-3 07/07/03	I9-9-32-SB-3-W 1-3 10/11/05
Benzo(k)fluoranthene	5.6	ND(0.36)	ND(0.36)	ND(0.36)	0.21 J	ND(0.74)
Benzyl Alcohol	16,000	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(1.5)
Semivolatile Organics (continues)						
bis(2-Chloroethoxy)methane	Not Listed	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
bis(2-Chloroethyl)ether	0.18	ND(0.36) J	ND(0.36) J	ND(0.36) J	ND(0.36) J	ND(0.74)
bis(2-Chloroisopropyl)ether	2.5	ND(0.36) J	ND(0.36) J	ND(0.36) J	ND(0.36) J	ND(0.74) J
bis(2-Ethylhexyl)phthalate	32	ND(0.35)	ND(0.36)	0.99	ND(0.36)	ND(0.40)
Butylbenzylphthalate	930	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Chrysene	56	0.079 J	0.14 J	0.14 J	0.20 J	0.079 J
Diallate	7.3	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82)
Dibenzo(a,h)anthracene	0.056	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Dibenzofuran	210	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Diethylphthalate	44,000	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Dimethylphthalate	100,000	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Di-n-Butylphthalate	5,500	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Di-n-Octylphthalate	1,100	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Diphenylamine	1,400	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Ethyl Methanesulfonate	Not Listed	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Fluoranthene	2,000	0.12 J	0.22 J	0.26 J	0.42	0.11 J
Fluorene	1,800	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Hexachlorobenzene	0.28	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Hexachlorobutadiene	5.7	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Hexachlorocyclopentadiene	380	ND(0.36) J	ND(0.36) J	ND(0.36) J	ND(0.36) J	ND(0.74) J
Hexachloroethane	32	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Hexachlorophene	16	ND(0.72) J	ND(0.73) J	ND(0.72) J	ND(0.72) J	ND(1.5) J
Hexachloropropene	Not Listed	ND(0.36) J	ND(0.36) J	ND(0.36) J	ND(0.36) J	ND(0.74) J
Indeno(1,2,3-cd)pyrene	0.56	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Isodrin	Not Listed	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Isophorone	470	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Isosafrole	Not Listed	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82) J
Methapyrilene	55	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82)
Methyl Methanesulfonate	Not Listed	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Naphthalene	55	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Nitrobenzene	16	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
N-Nitrosodiethylamine	0.003	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
N-Nitrosodimethylamine	0.0087	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
N-Nitroso-di-n-butylamine	0.022	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82)
N-Nitroso-di-n-propylamine	0.063	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
N-Nitrosodiphenylamine	91	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
N-Nitrosomethylethylamine	0.02	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82)
N-Nitrosomorpholine	0.21	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
N-Nitrosopiperidine	0.21	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
N-Nitrosopyrrolidine	0.21	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82)
o,o,o-Triethylphosphorothioate	11	ND(0.36) J	ND(0.36) J	ND(0.36) J	ND(0.36) J	ND(0.74)
o-Toluidine	1.9	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
p-Dimethylaminoazobenzene	0.99	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82)
Pentachlorobenzene	44	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Pentachloroethane	2.8	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Pentachloronitrobenzene	1.7	ND(0.72) J	ND(0.73) J	ND(0.72) J	ND(0.72) J	ND(0.82)
Pentachlorophenol	2.5	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(3.7)
Phenacetin	640	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82)
Phenanthrene	55	ND(0.36)	0.090 J	0.14 J	0.34 J	ND(0.74)
Phenol	33,000	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Pronamide	4,100	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Pyrene	1,500	0.097 J	0.20 J	0.22 J	0.35 J	0.12 J
Pyridine	55	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Safrole	Not Listed	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74) J
Thionazin	330	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)

**TABLE E-71
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-31 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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): Date Collected:	EPA Region 9 Residential PRGs	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	I9-9-31-SB-3 1-3 07/07/03	I9-9-32-SB-3-W 1-3 10/11/05
Furans						
2,3,7,8-TCDF	Not Applicable	0.000012 Y	0.000010 Y	0.000016 Y	0.000027 Y	NA
TCDFs (total)	Not Applicable	0.000080	0.000059	0.000092	0.00016	NA
1,2,3,7,8-PeCDF	Not Applicable	0.000011	0.0000044	0.000082	0.000011	NA
2,3,4,7,8-PeCDF	Not Applicable	ND(0.0000061) X	0.0000037	0.0000072	0.000010	NA
PeCDFs (total)	Not Applicable	0.000069	0.000058	0.000059	0.000088	NA
1,2,3,4,7,8-HxCDF	Not Applicable	0.000048 I	0.000040 I	0.000063 I	0.00011 I	NA
1,2,3,6,7,8-HxCDF	Not Applicable	0.000077	0.0000040	0.0000053	0.0000094	NA
1,2,3,7,8,9-HxCDF	Not Applicable	ND(0.00000067)	ND(0.00000066)	ND(0.00000066)	ND(0.0000010)	NA
2,3,4,6,7,8-HxCDF	Not Applicable	0.0000027	0.0000024	ND(0.0000040) X	ND(0.0000045) X	NA
HxCDFs (total)	Not Applicable	0.00011	0.000085	0.00014	0.00022	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.000025	0.000020	0.000023	0.000035	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	0.0000038	0.0000039	ND(0.0000031) X	ND(0.0000056) X	NA
HpCDFs (total)	Not Applicable	0.000031	0.000026	0.000023	0.000035	NA
OCDF	Not Applicable	0.000060	0.000064	0.000053	0.000072	NA
Dioxins						
2,3,7,8-TCDD	Not Applicable	ND(0.0000012) J	ND(0.00000057) J	ND(0.00000070) J	ND(0.00000069) J	NA
TCDDs (total)	Not Applicable	0.000034 J	ND(0.00000057) J	ND(0.00000070) J	0.0000060 J	NA
1,2,3,7,8-PeCDD	Not Applicable	0.0000031	ND(0.00000082)	ND(0.0000011)	ND(0.0000012)	NA
PeCDDs (total)	Not Applicable	0.0000031	ND(0.00000082)	ND(0.0000011)	ND(0.0000012)	NA
1,2,3,4,7,8-HxCDD	Not Applicable	ND(0.00000058)	ND(0.00000059)	ND(0.00000069)	ND(0.00000085)	NA
1,2,3,6,7,8-HxCDD	Not Applicable	0.0000052	ND(0.00000053)	ND(0.00000063)	ND(0.00000077)	NA
1,2,3,7,8,9-HxCDD	Not Applicable	0.0000020	ND(0.00000054)	ND(0.00000063)	ND(0.00000078)	NA
HxCDDs (total)	Not Applicable	0.0000072	ND(0.00000053)	ND(0.00000063)	0.0000026	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.000014	0.0000073	0.000013	0.000015	NA
HpCDDs (total)	Not Applicable	0.000022	0.000014	0.000025	0.000030	NA
OCDD	Not Applicable	0.000062	0.000046	0.000075	0.000091	NA
Total TEQs (WHO TEFs)	Not Applicable	0.000014	0.0000088	0.000014	0.000022	NA
Inorganics						
Antimony	30	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	NA
Arsenic	0.38	5.40	5.90	5.60	6.80	NA
Barium	5,200	44.0	55.0	43.0	49.0	NA
Beryllium	150	0.180 B	0.190 B	0.220 B	0.200 B	NA
Cadmium	37	0.270 B	0.330 B	0.500	0.340 B	NA
Chromium	210	6.80	7.10	6.80	8.20	NA
Cobalt	3,300	5.20	6.10	5.30	6.30	NA
Copper	2,800	20.0	23.0	23.0	24.0	NA
Cyanide	11	0.0920 B	0.100 B	0.130	0.170	NA
Lead	400	190	190	210	220	NA
Mercury	22	0.280	0.360	0.350	0.390	NA
Nickel	1,500	9.50	10.0	10.0	12.0	NA
Selenium	370	ND(1.00) J	ND(1.00) J	0.560 J	ND(1.00) J	NA
Silver	370	ND(1.00)	ND(1.00)	0.120 B	ND(1.00)	NA
Sulfide	350	ND(5.40)	8.70	26.0	ND(5.40)	NA
Thallium	6	ND(1.10) J	ND(1.10) J	ND(1.10) J	ND(1.10) J	NA
Tin	45,000	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	NA
Vanadium	520	8.20	8.20	8.30	9.20	NA
Zinc	22,000	71.0	83.0	130	80.0	NA

**TABLE E-71
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-31 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- J - Estimated Value.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- 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 - Estimated Value.

**TABLE E-72
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
PARCEL I9-9-31 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS**

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
Acetone	0.025	1,400	No
Semivolatile Organics			
Acenaphthylene	0.12	55*	No
Aniline	0.1	78	No
Anthracene	0.074	14,000	No
Benzo(a)anthracene	0.18	0.56	No
Benzo(a)pyrene	0.21	0.056	Yes
Benzo(b)fluoranthene	0.18	0.56	No
Benzo(g,h,i)perylene	0.095	55*	No
Benzo(k)fluoranthene	0.21	5.6	No
bis(2-Ethylhexyl)phthalate	0.99	32	No
Chrysene	0.2	56	No
Fluoranthene	0.42	2,000	No
Phenanthrene	0.34	55*	No
Pyrene	0.35	1,500	No
Inorganics			
Arsenic	6.8	0.38	Yes
Barium	55	5,200	No
Beryllium	0.22	150	No
Cadmium	0.5	37	No
Chromium	8.2	210	No
Cobalt	6.3	3,300	No
Copper	24	2,800	No
Cyanide	0.17	11*	No
Lead	220	400	No
Mercury	0.39	22	No
Nickel	12	1,500	No
Selenium	0.56	370	No
Silver	0.12	370	No
Sulfide	26	350*	No
Vanadium	9.2	520	No
Zinc	130	22,000	No

- Notes:**
1. PRG = Preliminary Remediation Goal.
 2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
 3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
 4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
 5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

**TABLE E-73
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-31: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-31-SB-2 0-1 07/07/03	I9-9-31-SB-3 0-1 07/07/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)pyrene	0.18	0.12	N/A (See Note 5)	0.15	2	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.40E-05	1.40E-05	1.40E-05	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	5.40	5.60	N/A (See Note 5)	5.50	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

**TABLE E-74
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-31: 1- TO X-FOOT [X=3] DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-31-SB-2 1-3 07/07/03	I9-9-31-SB-3 1-3 07/07/03	I9-9-32-SB-3-W 1-3 10/11/05	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics							
Benzo(a)pyrene	0.13	0.21	0.37	N/A (See Note 5)	0.24	2	No
Dioxins/Furans							
Total TEQs (WHO TEFs)	8.80E-06	2.20E-05	--	2.20E-05	N/A (See Note 5)	1.00E-03	No
Inorganics							
Arsenic	5.90	6.80	--	N/A (See Note 5)	6.35	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Not analyzed.

ARCADIS

Parcel I9-9-32 (bank)

**TABLE E-75
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-32 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-32-SB-2 0-1 07/07/03	I9-9-32-SB-2 1-3 07/07/03	I9-9-32-SB-2 1-3 02/13/04	I9-9-32-SB-3 0-1 07/07/03
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
1,1,1-Trichloroethane		680	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
1,1,2-Trichloroethane		0.82	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
1,1-Dichloroethane		570	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
1,1-Dichloroethene		0.052	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
1,2,3-Trichloropropane		0.0014	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
1,2-Dibromoethane		0.0049	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
1,2-Dichloroethane		0.34	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
1,2-Dichloropropane		0.34	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
1,4-Dioxane		40	ND(0.13) J	ND(0.16) J	NA	ND(0.10) J
2-Butanone		6,900	ND(0.013)	ND(0.016)	NA	ND(0.010)
2-Chloro-1,3-butadiene		3.6	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
2-Chloroethylvinylether		0.18	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
2-Hexanone		750	ND(0.013)	ND(0.016)	NA	ND(0.010)
3-Chloropropene		2,700	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
4-Methyl-2-pentanone		750	ND(0.013)	ND(0.016)	NA	ND(0.010)
Acetone		1,400	0.033	ND(0.032)	NA	0.022
Acetonitrile		200	ND(0.13) J	ND(0.16) J	NA	ND(0.10) J
Acrolein		0.1	ND(0.13) J	ND(0.16) J	NA	ND(0.10) J
Acrylonitrile		0.19	ND(0.0067) J	ND(0.0080) J	NA	ND(0.0052) J
Benzene		0.62	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Bromodichloromethane		0.98	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Bromoform		56	ND(0.0067) J	ND(0.0080) J	NA	ND(0.0052) J
Bromomethane		3.8	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Carbon Disulfide		350	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Carbon Tetrachloride		0.23	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Chlorobenzene		54	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Chloroethane		1,600	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Chloroform		0.24	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Chloromethane		1.2	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
cis-1,3-Dichloropropene		Not Listed	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Dibromochloromethane		5.3	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Dibromomethane		550	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Dichlorodifluoromethane		94	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Ethyl Methacrylate		140	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Ethylbenzene		230	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Iodomethane		1.2	ND(0.0067) J	ND(0.0080) J	NA	ND(0.0052) J
Isobutanol		10,000	ND(0.13) J	ND(0.16) J	NA	ND(0.10) J
Methacrylonitrile		1.8	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Methyl Methacrylate		2,200	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Methylene Chloride		8.5	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Propionitrile		200	ND(0.013)	ND(0.016)	NA	ND(0.010)
Styrene		1,700	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Tetrachloroethene		4.7	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Toluene		520	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
trans-1,2-Dichloroethene		62	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
trans-1,3-Dichloropropene		Not Listed	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Trichloroethene		2.7	ND(0.0067) J	ND(0.0080) J	NA	ND(0.0052) J
Trichlorofluoromethane		380	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Vinyl Acetate		420	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Vinyl Chloride		0.021	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Xylenes (total)		210	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)

**TABLE E-75
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-32 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-32-SB-2 0-1 07/07/03	I9-9-32-SB-2 1-3 07/07/03	I9-9-32-SB-2 1-3 02/13/04	I9-9-32-SB-3 0-1 07/07/03
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.45)	R	ND(0.53)	ND(0.34)
1,2,4-Trichlorobenzene		480	ND(0.45)	R	ND(0.53)	ND(0.34)
1,2-Dichlorobenzene		370	ND(0.45)	R	ND(0.53)	ND(0.34)
1,2-Diphenylhydrazine		0.56	ND(0.45)	R	ND(0.53) J	ND(0.34)
1,3,5-Trinitrobenzene		1,600	ND(0.45)	R	ND(0.53) J	ND(0.34)
1,3-Dichlorobenzene		41	ND(0.45)	R	ND(0.53)	ND(0.34)
1,3-Dinitrobenzene		5.5	ND(0.90) J	R	ND(1.1)	ND(0.69) J
1,4-Dichlorobenzene		3	ND(0.45)	R	ND(0.53)	ND(0.34)
1,4-Naphthoquinone		55	ND(0.90)	R	ND(1.1) J	ND(0.69)
1-Naphthylamine		Not Listed	ND(0.90)	R	ND(1.1)	ND(0.69)
2,3,4,6-Tetrachlorophenol		1,600	ND(0.45)	R	ND(0.53)	ND(0.34)
2,4,5-Trichlorophenol		5,500	ND(0.45)	R	ND(0.53)	ND(0.34)
2,4,6-Trichlorophenol		40	ND(0.45)	R	ND(0.53)	ND(0.34)
2,4-Dichlorophenol		160	ND(0.45)	R	ND(0.53)	ND(0.34)
2,4-Dimethylphenol		1,100	ND(0.45)	R	ND(0.53)	ND(0.34)
2,4-Dinitrophenol		110	ND(2.3) J	R	ND(2.7)	ND(1.8) J
2,4-Dinitrotoluene		110	ND(0.45)	R	ND(0.53)	ND(0.34)
2,6-Dichlorophenol		160	ND(0.45)	R	ND(0.53)	ND(0.34)
2,6-Dinitrotoluene		55	ND(0.45)	R	ND(0.53)	ND(0.34)
2-Acetylaminofluorene		0.56	ND(0.90)	R	ND(1.1)	ND(0.69)
2-Chloronaphthalene		3,700	ND(0.45)	R	ND(0.53)	ND(0.34)
2-Chlorophenol		59	ND(0.45)	R	ND(0.53)	ND(0.34)
2-Methylnaphthalene		55	ND(0.45)	R	ND(0.53)	ND(0.34)
2-Methylphenol		2,700	ND(0.45)	R	ND(0.53)	ND(0.34)
2-Naphthylamine		Not Listed	ND(0.90)	R	ND(1.1)	ND(0.69)
2-Nitroaniline		3.3	ND(2.3)	R	ND(2.7) J	ND(1.8)
2-Nitrophenol		Not Listed	ND(0.90)	R	ND(1.1)	ND(0.69)
2-Picoline		55	ND(0.45)	R	ND(0.53)	ND(0.34)
3&4-Methylphenol		270	ND(0.90)	R	ND(1.1)	ND(0.69)
3,3'-Dichlorobenzidine		0.99	ND(0.90)	R	ND(1.1)	ND(0.69)
3,3'-Dimethylbenzidine		0.048	ND(0.45)	R	ND(0.53)	ND(0.34)
3-Methylcholanthrene		0.056	ND(0.90)	R	ND(1.1)	ND(0.69)
3-Nitroaniline		5.5	ND(2.3)	R	ND(2.7) J	ND(1.8)
4,6-Dinitro-2-methylphenol		55	ND(0.45)	R	ND(0.53)	ND(0.34)
4-Aminobiphenyl		1,400	ND(0.90)	R	ND(1.1)	ND(0.69)
4-Bromophenyl-phenylether		160	ND(0.45)	R	ND(0.53)	ND(0.34)
4-Chloro-3-Methylphenol		2,700	ND(0.45)	R	ND(0.53)	ND(0.34)
4-Chloroaniline		220	ND(0.45)	R	ND(0.53)	ND(0.34)
4-Chlorobenzilate		1.6	ND(0.90)	R	ND(1.1)	ND(0.69)
4-Chlorophenyl-phenylether		Not Listed	ND(0.45)	R	ND(0.53)	ND(0.34)
4-Nitroaniline		5.5	ND(2.3)	R	ND(2.7)	ND(1.8)
4-Nitrophenol		3,400	ND(2.3) J	R	ND(2.7) J	ND(1.8) J
4-Nitroquinoline-1-oxide		110	ND(0.90)	R	ND(1.1) J	ND(0.69)
4-Phenylenediamine		10,000	ND(0.90)	R	ND(1.1)	ND(0.69)
5-Nitro-o-toluidine		13	ND(0.90)	R	ND(1.1)	ND(0.69)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.90)	R	ND(1.1)	ND(0.69)
a,a'-Dimethylphenethylamine		55	ND(0.90)	R	ND(1.1)	ND(0.69)
Acenaphthene		2,600	ND(0.45)	1.5 J	ND(0.53)	ND(0.34)
Acenaphthylene		55	0.10 J	R	ND(0.53)	ND(0.34)
Acetophenone		0.49	ND(0.45)	R	ND(0.53)	ND(0.34)
Aniline		78	ND(0.45)	0.22 J	ND(0.53)	ND(0.34)
Anthracene		14,000	ND(0.45)	R	0.12 J	ND(0.34)
Aramite		18	ND(0.90)	R	ND(1.1)	ND(0.69)
Benzidine		0.0019	ND(0.90)	R	ND(1.1) J	ND(0.69)
Benzo(a)anthracene		0.56	ND(0.45)	R	0.44 J	ND(0.34)
Benzo(a)pyrene		0.056	ND(0.45)	R	0.37 J	ND(0.34)
Benzo(b)fluoranthene		0.56	ND(0.45)	R	0.34 J	ND(0.34)
Benzo(g,h,i)perylene		55	ND(0.45)	R	0.24 J	ND(0.34)
Benzo(k)fluoranthene		5.6	ND(0.45)	R	0.41 J	ND(0.34)

**TABLE E-75
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-32 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-32-SB-2 0-1 07/07/03	I9-9-32-SB-2 1-3 07/07/03	I9-9-32-SB-2 1-3 02/13/04	I9-9-32-SB-3 0-1 07/07/03
Semivolatile Organics (continued)						
Benzyl Alcohol		16,000	ND(0.90)	R	ND(1.1)	ND(0.69)
bis(2-Chloroethoxy)methane		Not Listed	ND(0.45)	R	ND(0.53)	ND(0.34)
bis(2-Chloroethyl)ether		0.18	ND(0.45) J	R	ND(0.53)	ND(0.34) J
bis(2-Chloroisopropyl)ether		2.5	ND(0.45) J	R	ND(0.53)	ND(0.34) J
bis(2-Ethylhexyl)phthalate		32	ND(0.44)	R	ND(0.52)	ND(0.34)
Butylbenzylphthalate		930	0.52	R	ND(0.53)	0.50
Chrysene		56	ND(0.45)	R	0.57	ND(0.34)
Diallate		7.3	ND(0.90)	R	ND(1.1)	ND(0.69)
Dibenzo(a,h)anthracene		0.056	ND(0.45)	R	ND(0.53)	ND(0.34)
Dibenzofuran		210	ND(0.45)	R	ND(0.53)	ND(0.34)
Diethylphthalate		44,000	ND(0.45)	R	ND(0.53)	ND(0.34)
Dimethylphthalate		100,000	ND(0.45)	R	ND(0.53)	ND(0.34)
Di-n-Butylphthalate		5,500	ND(0.45)	R	ND(0.53)	ND(0.34)
Di-n-Octylphthalate		1,100	ND(0.45)	R	ND(0.53)	ND(0.34)
Diphenylamine		1,400	ND(0.45)	R	ND(0.53)	ND(0.34)
Ethyl Methanesulfonate		Not Listed	ND(0.45)	R	ND(0.53)	ND(0.34)
Fluoranthene		2,000	0.15 J	0.14 J	1.3	0.081 J
Fluorene		1,800	ND(0.45)	R	ND(0.53)	ND(0.34)
Hexachlorobenzene		0.28	ND(0.45)	R	ND(0.53)	ND(0.34)
Hexachlorobutadiene		5.7	ND(0.45)	R	ND(0.53)	ND(0.34)
Hexachlorocyclopentadiene		380	ND(0.45) J	R	ND(0.53)	ND(0.34) J
Hexachloroethane		32	ND(0.45)	R	ND(0.53)	ND(0.34)
Hexachlorophene		16	ND(0.90) J	R	ND(1.1) J	ND(0.69) J
Hexachloropropene		Not Listed	ND(0.45) J	R	ND(0.53)	ND(0.34) J
Indeno(1,2,3-cd)pyrene		0.56	R	ND(0.54)	0.19 J	ND(0.34)
Isodrin		Not Listed	ND(0.45)	R	ND(0.53)	ND(0.34)
Isophorone		470	ND(0.45)	R	ND(0.53)	ND(0.34)
Isosafrole		Not Listed	ND(0.90)	R	ND(1.1)	ND(0.69)
Methapyrilene		55	ND(0.90)	R	ND(1.1)	ND(0.69)
Methyl Methanesulfonate		Not Listed	ND(0.45)	R	ND(0.53)	ND(0.34)
Naphthalene		55	ND(0.45)	R	ND(0.53)	ND(0.34)
Nitrobenzene		16	ND(0.45)	R	ND(0.53)	ND(0.34)
N-Nitrosodiethylamine		0.003	ND(0.45)	R	ND(0.53)	ND(0.34)
N-Nitrosodimethylamine		0.0087	ND(0.45)	R	ND(0.53)	ND(0.34)
N-Nitroso-di-n-butylamine		0.022	ND(0.90)	R	ND(1.1)	ND(0.69)
N-Nitroso-di-n-propylamine		0.063	ND(0.45)	R	ND(0.53)	ND(0.34)
N-Nitrosodiphenylamine		91	ND(0.45)	R	ND(0.53)	ND(0.34)
N-Nitrosomethylethylamine		0.02	ND(0.90)	R	ND(1.1)	ND(0.69)
N-Nitrosomorpholine		0.21	ND(0.45)	R	ND(0.53)	ND(0.34)
N-Nitrosopiperidine		0.21	ND(0.45)	R	ND(0.53)	ND(0.34)
N-Nitrosopyrrolidine		0.21	ND(0.90)	R	ND(1.1)	ND(0.69)
o,o,o-Triethylphosphorothioate		11	ND(0.45) J	R	ND(0.53)	ND(0.34) J
o-Toluidine		1.9	ND(0.45)	R	ND(0.53)	ND(0.34)
p-Dimethylaminoazobenzene		0.99	ND(0.90)	R	ND(1.1)	ND(0.69)
Pentachlorobenzene		44	ND(0.45)	R	ND(0.53)	ND(0.34)
Pentachloroethane		2.8	ND(0.45)	R	ND(0.53)	ND(0.34)
Pentachloronitrobenzene		1.7	ND(0.90) J	R	ND(1.1)	ND(0.69) J
Pentachlorophenol		2.5	ND(2.3)	R	ND(2.7)	ND(1.8)
Phenacetin		640	ND(0.90)	R	ND(1.1)	ND(0.69)
Phenanthrene		55	0.098 J	R	0.75	ND(0.34)
Phenol		33,000	ND(0.45)	R	ND(0.53)	ND(0.34)
Pronamide		4,100	ND(0.45)	R	ND(0.53)	ND(0.34)
Pyrene		1,500	0.15 J	0.15 J	1.3	0.084 J
Pyridine		55	ND(0.45)	R	ND(0.53)	ND(0.34)
Safrole		Not Listed	ND(0.45)	R	ND(0.53)	ND(0.34)
Thionazin		330	ND(0.45)	R	ND(0.53) J	ND(0.34)

**TABLE E-75
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-32 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-32-SB-2 0-1 07/07/03	I9-9-32-SB-2 1-3 07/07/03	I9-9-32-SB-2 1-3 02/13/04	I9-9-32-SB-3 0-1 07/07/03
Furans						
2,3,7,8-TCDF		Not Applicable	0.0000028 Y	ND(0.00027) XY	NA	0.0000040 Y
TCDFs (total)		Not Applicable	0.0000034	0.00046	NA	0.000018
1,2,3,7,8-PeCDF		Not Applicable	0.0000033	0.00036 I	NA	ND(0.0000078)
2,3,4,7,8-PeCDF		Not Applicable	ND(0.0000019) X	0.000072	NA	0.0000021
PeCDFs (total)		Not Applicable	0.000035	0.00060	NA	0.0000021
1,2,3,4,7,8-HxCDF		Not Applicable	0.000033 I	0.0042 I	NA	0.000018 I
1,2,3,6,7,8-HxCDF		Not Applicable	0.000033	0.00015	NA	ND(0.0000026) X
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.00000074)	ND(0.000022) X	NA	ND(0.0000080)
2,3,4,6,7,8-HxCDF		Not Applicable	0.0000022	0.000054	NA	ND(0.0000011) X
HxCDFs (total)		Not Applicable	0.000081	0.0058	NA	0.000034
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000029	0.00044	NA	0.0000021
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.0000074	0.00015	NA	0.0000043
HpCDFs (total)		Not Applicable	0.000036	0.00062	NA	0.0000025
OCDF		Not Applicable	0.00028	0.00043	NA	0.00013
Dioxins						
2,3,7,8-TCDD		Not Applicable	ND(0.00000065) J	ND(0.0000028)	NA	ND(0.00000062) J
TCDDs (total)		Not Applicable	ND(0.00000065) J	0.000087	NA	ND(0.00000062) J
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000010)	ND(0.000017)	NA	ND(0.00000084)
PeCDDs (total)		Not Applicable	ND(0.0000010)	ND(0.000017)	NA	ND(0.00000084)
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.00000085)	0.000058	NA	ND(0.00000070)
1,2,3,6,7,8-HxCDD		Not Applicable	0.0000022	0.000061	NA	ND(0.00000064)
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.0000039) X	0.000056	NA	ND(0.00000064)
HxCDDs (total)		Not Applicable	0.0000022	0.00017	NA	ND(0.00000064)
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000060	0.00032	NA	0.000010
HpCDDs (total)		Not Applicable	0.00016	0.00063	NA	0.000021
OCDD		Not Applicable	0.00052	0.00084	NA	0.000076
Total TEQs (WHO TEFs)		Not Applicable	0.0000071	0.00055	NA	0.0000047
Inorganics						
Antimony		30	ND(6.00)	ND(6.00)	NA	ND(6.00)
Arsenic		0.38	3.30	6.60	NA	5.00
Barium		5,200	56.0	43.0	NA	38.0
Beryllium		150	0.200 B	0.240 B	NA	0.150 B
Cadmium		37	0.680	8.80	NA	0.480 B
Chromium		210	10.0	30.0	NA	7.60
Cobalt		3,300	6.00	5.70	NA	6.90
Copper		2,800	26.0	220	NA	21.0
Lead		400	35.0	240	NA	100
Mercury		22	0.0480 B	0.700	NA	0.100 B
Nickel		1,500	13.0	46.0	NA	12.0
Selenium		370	ND(1.00) J	ND(1.20) J	NA	ND(1.00) J
Silver		370	ND(1.00)	4.30	NA	ND(1.00)
Thallium		6	ND(1.30) J	ND(1.60) J	NA	ND(1.00) J
Tin		45,000	ND(10.0)	41.0	NA	ND(10.0)
Vanadium		520	8.30	14.0	NA	5.30
Zinc		22,000	150	310	NA	120
Cyanide		11	0.710	0.460	NA	0.100
Sulfide		350	1400	640	NA	12.0

**TABLE E-75
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-32 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-32-SB-3 1-3 07/07/03	I9-9-32-SB-3-E 1-3 10/25/05	I9-9-32-SB-3-W 1-3 10/11/05
Volatile Organics					
1,1,1,2-Tetrachloroethane		2.8	ND(0.0052) J	NA	NA
1,1,1-Trichloroethane		680	ND(0.0052) J	NA	NA
1,1,2,2-Tetrachloroethane		0.36	ND(0.0052) J	NA	NA
1,1,2-Trichloroethane		0.82	ND(0.0052) J	NA	NA
1,1-Dichloroethane		570	ND(0.0052) J	NA	NA
1,1-Dichloroethene		0.052	ND(0.0052) J	NA	NA
1,2,3-Trichloropropane		0.0014	ND(0.0052) J	NA	NA
1,2-Dibromo-3-chloropropane		0.32	ND(0.0052) J	NA	NA
1,2-Dibromoethane		0.0049	ND(0.0052) J	NA	NA
1,2-Dichloroethane		0.34	ND(0.0052) J	NA	NA
1,2-Dichloropropane		0.34	ND(0.0052) J	NA	NA
1,4-Dioxane		40	ND(0.10) J	NA	NA
2-Butanone		6,900	ND(0.010) J	NA	NA
2-Chloro-1,3-butadiene		3.6	ND(0.0052) J	NA	NA
2-Chloroethylvinylether		0.18	ND(0.0052) J	NA	NA
2-Hexanone		750	ND(0.010) J	NA	NA
3-Chloropropene		2,700	ND(0.0052) J	NA	NA
4-Methyl-2-pentanone		750	ND(0.010) J	NA	NA
Acetone		1,400	0.055 J	NA	NA
Acetonitrile		200	ND(0.10) J	NA	NA
Acrolein		0.1	ND(0.10) J	NA	NA
Acrylonitrile		0.19	ND(0.0052) J	NA	NA
Benzene		0.62	ND(0.0052) J	NA	NA
Bromodichloromethane		0.98	ND(0.0052) J	NA	NA
Bromoform		56	ND(0.0052) J	NA	NA
Bromomethane		3.8	ND(0.0052) J	NA	NA
Carbon Disulfide		350	ND(0.0052) J	NA	NA
Carbon Tetrachloride		0.23	ND(0.0052) J	NA	NA
Chlorobenzene		54	ND(0.0052) J	NA	NA
Chloroethane		1,600	ND(0.0052) J	NA	NA
Chloroform		0.24	ND(0.0052) J	NA	NA
Chloromethane		1.2	ND(0.0052) J	NA	NA
cis-1,3-Dichloropropene		Not Listed	ND(0.0052) J	NA	NA
Dibromochloromethane		5.3	ND(0.0052) J	NA	NA
Dibromomethane		550	ND(0.0052) J	NA	NA
Dichlorodifluoromethane		94	ND(0.0052) J	NA	NA
Ethyl Methacrylate		140	ND(0.0052) J	NA	NA
Ethylbenzene		230	ND(0.0052) J	NA	NA
Iodomethane		1.2	ND(0.0052) J	NA	NA
Isobutanol		10,000	ND(0.10) J	NA	NA
Methacrylonitrile		1.8	ND(0.0052) J	NA	NA
Methyl Methacrylate		2,200	ND(0.0052) J	NA	NA
Methylene Chloride		8.5	ND(0.0052) J	NA	NA
Propionitrile		200	ND(0.010) J	NA	NA
Styrene		1,700	ND(0.0052) J	NA	NA
Tetrachloroethene		4.7	ND(0.0052) J	NA	NA
Toluene		520	ND(0.0052) J	NA	NA
trans-1,2-Dichloroethene		62	ND(0.0052) J	NA	NA
trans-1,3-Dichloropropene		Not Listed	ND(0.0052) J	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0052) J	NA	NA
Trichloroethene		2.7	ND(0.0052) J	NA	NA
Trichlorofluoromethane		380	ND(0.0052) J	NA	NA
Vinyl Acetate		420	ND(0.0052) J	NA	NA
Vinyl Chloride		0.021	ND(0.0052) J	NA	NA
Xylenes (total)		210	ND(0.0052) J	NA	NA

**TABLE E-75
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-32 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-32-SB-3 1-3 07/07/03	I9-9-32-SB-3-E 1-3 10/25/05	I9-9-32-SB-3-W 1-3 10/11/05
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		16	ND(0.35)	ND(0.38)	ND(0.74)
1,2,4-Trichlorobenzene		480	ND(0.35)	ND(0.38)	ND(0.74)
1,2-Dichlorobenzene		370	ND(0.35)	ND(0.38)	ND(0.74)
1,2-Diphenylhydrazine		0.56	ND(0.35)	ND(0.38)	ND(0.74)
1,3,5-Trinitrobenzene		1,600	ND(0.35)	ND(0.38) J	ND(0.74) J
1,3-Dichlorobenzene		41	ND(0.35)	ND(0.38)	ND(0.74)
1,3-Dinitrobenzene		5.5	ND(0.70)	ND(0.76)	ND(0.82) J
1,4-Dichlorobenzene		3	ND(0.35)	ND(0.38)	ND(0.74)
1,4-Naphthoquinone		55	ND(0.70)	ND(0.76) J	ND(0.82)
1-Naphthylamine		Not Listed	ND(0.70)	ND(0.76)	ND(0.82)
2,3,4,6-Tetrachlorophenol		1,600	ND(0.35)	ND(0.38)	ND(0.74)
2,4,5-Trichlorophenol		5,500	ND(0.35)	ND(0.38)	ND(0.74)
2,4,6-Trichlorophenol		40	ND(0.35)	ND(0.38)	ND(0.74)
2,4-Dichlorophenol		160	ND(0.35)	ND(0.38)	ND(0.74)
2,4-Dimethylphenol		1,100	ND(0.35)	ND(0.38)	ND(0.74) J
2,4-Dinitrophenol		110	ND(1.8) J	ND(1.9) J	ND(3.7) J
2,4-Dinitrotoluene		110	ND(0.35)	ND(0.38)	ND(0.74)
2,6-Dichlorophenol		160	ND(0.35)	ND(0.38)	ND(0.74)
2,6-Dinitrotoluene		55	ND(0.35)	ND(0.38)	ND(0.74)
2-Acetylaminofluorene		0.56	ND(0.70)	ND(0.76)	ND(0.82) J
2-Chloronaphthalene		3,700	ND(0.35)	ND(0.38)	ND(0.74)
2-Chlorophenol		59	ND(0.35)	ND(0.38)	ND(0.74)
2-Methylnaphthalene		55	1.2	ND(0.38)	ND(0.74)
2-Methylphenol		2,700	ND(0.35)	ND(0.38)	ND(0.74)
2-Naphthylamine		Not Listed	ND(0.70)	ND(0.76) J	ND(0.82) J
2-Nitroaniline		3.3	ND(1.8)	ND(1.9)	ND(3.7) J
2-Nitrophenol		Not Listed	ND(0.70)	ND(0.76)	ND(0.82)
2-Picoline		55	ND(0.35)	ND(0.38)	ND(0.74)
3&4-Methylphenol		270	ND(0.70)	ND(0.76)	ND(0.82)
3,3'-Dichlorobenzidine		0.99	ND(0.70)	ND(0.76)	ND(1.5)
3,3'-Dimethylbenzidine		0.048	ND(0.35)	ND(0.38)	ND(0.74)
3-Methylcholanthrene		0.056	ND(0.70)	ND(0.76)	ND(0.82)
3-Nitroaniline		5.5	ND(1.8)	ND(1.9)	ND(3.7)
4,6-Dinitro-2-methylphenol		55	ND(0.35)	ND(0.38) J	ND(0.74)
4-Aminobiphenyl		1,400	ND(0.70)	ND(0.76) J	ND(0.82) J
4-Bromophenyl-phenylether		160	ND(0.35)	ND(0.38)	ND(0.74)
4-Chloro-3-Methylphenol		2,700	ND(0.35)	ND(0.38)	ND(0.74)
4-Chloroaniline		220	ND(0.35)	ND(0.38)	ND(0.74)
4-Chlorobenzilate		1.6	ND(0.70)	ND(0.76)	ND(0.82)
4-Chlorophenyl-phenylether		Not Listed	ND(0.35)	ND(0.38)	ND(0.74)
4-Nitroaniline		5.5	ND(1.8)	ND(1.9)	ND(2.1)
4-Nitrophenol		3,400	ND(1.8) J	ND(1.9)	ND(3.7)
4-Nitroquinoline-1-oxide		110	ND(0.70)	ND(0.76) J	ND(0.82) J
4-Phenylenediamine		10,000	ND(0.70)	ND(0.76)	ND(0.82)
5-Nitro-o-toluidine		13	ND(0.70)	ND(0.76)	ND(0.82)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.70)	ND(0.76)	ND(0.82)
a,a'-Dimethylphenethylamine		55	ND(0.70)	ND(0.76) J	ND(0.82) J
Acenaphthene		2,600	0.86 J	ND(0.38)	ND(0.74)
Acenaphthylene		55	3.8	1.2	ND(0.74)
Acetophenone		0.49	ND(0.35)	ND(0.38)	ND(0.74)
Aniline		78	ND(0.35)	ND(0.38)	ND(0.74) J
Anthracene		14,000	3.6	0.35 J	ND(0.74)
Aramite		18	ND(0.70)	ND(0.76)	ND(0.82)
Benzidine		0.0019	ND(0.70)	ND(0.76) J	ND(1.5) J
Benzo(a)anthracene		0.56	8.4	1.6	ND(0.74)
Benzo(a)pyrene		0.056	8.3	1.5	ND(0.74)
Benzo(b)fluoranthene		0.56	5.7	1.1	ND(0.74)
Benzo(g,h,i)perylene		55	5.4	0.93	ND(0.74)
Benzo(k)fluoranthene		5.6	7.5	1.2	ND(0.74)

**TABLE E-75
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-32 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-32-SB-3 1-3 07/07/03	I9-9-32-SB-3-E 1-3 10/25/05	I9-9-32-SB-3-W 1-3 10/11/05
Semivolatile Organics (continued)					
Benzyl Alcohol		16,000	ND(0.70)	ND(0.76)	ND(1.5)
bis(2-Chloroethoxy)methane		Not Listed	ND(0.35)	ND(0.38)	ND(0.74)
bis(2-Chloroethyl)ether		0.18	ND(0.35) J	ND(0.38)	ND(0.74)
bis(2-Chloroisopropyl)ether		2.5	ND(0.35)	ND(0.38)	ND(0.74) J
bis(2-Ethylhexyl)phthalate		32	ND(0.34)	0.38	ND(0.40)
Butylbenzylphthalate		930	ND(0.35)	0.64	ND(0.74)
Chrysene		56	9.2	2.3	0.079 J
Diallate		7.3	ND(0.70)	ND(0.76)	ND(0.82)
Dibenzo(a,h)anthracene		0.056	1.1	0.16 J	ND(0.74)
Dibenzofuran		210	0.84	ND(0.38)	ND(0.74)
Diethylphthalate		44,000	ND(0.35)	ND(0.38)	ND(0.74)
Dimethylphthalate		100,000	ND(0.35)	ND(0.38)	ND(0.74)
Di-n-Butylphthalate		5,500	ND(0.35)	ND(0.38)	ND(0.74)
Di-n-Octylphthalate		1,100	ND(0.35)	ND(0.38)	ND(0.74)
Diphenylamine		1,400	ND(0.35)	ND(0.38)	ND(0.74)
Ethyl Methanesulfonate		Not Listed	ND(0.35)	ND(0.38)	ND(0.74)
Fluoranthene		2,000	19	2.6	0.11 J
Fluorene		1,800	1.8	ND(0.38)	ND(0.74)
Hexachlorobenzene		0.28	ND(0.35)	ND(0.38)	ND(0.74)
Hexachlorobutadiene		5.7	ND(0.35)	ND(0.38)	ND(0.74)
Hexachlorocyclopentadiene		380	ND(0.35) J	ND(0.38) J	ND(0.74) J
Hexachloroethane		32	ND(0.35)	ND(0.38)	ND(0.74)
Hexachlorophene		16	ND(0.70) J	ND(0.76) J	ND(1.5) J
Hexachloropropene		Not Listed	ND(0.35) J	ND(0.38)	ND(0.74) J
Indeno(1,2,3-cd)pyrene		0.56	4.2	0.71	ND(0.74)
Isodrin		Not Listed	ND(0.35)	ND(0.38)	ND(0.74)
Isophorone		470	ND(0.35)	ND(0.38)	ND(0.74)
Isosafrole		Not Listed	ND(0.70)	ND(0.76) J	ND(0.82) J
Methapyrilene		55	ND(0.70)	ND(0.76)	ND(0.82)
Methyl Methanesulfonate		Not Listed	ND(0.35)	ND(0.38)	ND(0.74)
Naphthalene		55	1.2	ND(0.38)	ND(0.74)
Nitrobenzene		16	ND(0.35)	ND(0.38)	ND(0.74)
N-Nitrosodiethylamine		0.003	ND(0.35)	ND(0.38)	ND(0.74)
N-Nitrosodimethylamine		0.0087	ND(0.35)	ND(0.38)	ND(0.74)
N-Nitroso-di-n-butylamine		0.022	ND(0.70)	ND(0.76)	ND(0.82)
N-Nitroso-di-n-propylamine		0.063	ND(0.35)	ND(0.38)	ND(0.74)
N-Nitrosodiphenylamine		91	ND(0.35)	ND(0.38)	ND(0.74)
N-Nitrosomethylethylamine		0.02	ND(0.70)	ND(0.76)	ND(0.82)
N-Nitrosomorpholine		0.21	ND(0.35)	ND(0.38)	ND(0.74)
N-Nitrosopiperidine		0.21	ND(0.35)	ND(0.38)	ND(0.74)
N-Nitrosopyrrolidine		0.21	ND(0.70)	ND(0.76)	ND(0.82)
o,o,o-Triethylphosphorothioate		11	ND(0.35) J	ND(0.38)	ND(0.74)
o-Toluidine		1.9	ND(0.35)	ND(0.38)	ND(0.74)
p-Dimethylaminoazobenzene		0.99	ND(0.70)	ND(0.76)	ND(0.82)
Pentachlorobenzene		44	ND(0.35) J	ND(0.38)	ND(0.74)
Pentachloroethane		2.8	ND(0.35)	ND(0.38)	ND(0.74)
Pentachloronitrobenzene		1.7	ND(0.70)	ND(0.76)	ND(0.82)
Pentachlorophenol		2.5	ND(1.8)	ND(1.9)	ND(3.7)
Phenacetin		640	ND(0.70)	ND(0.76)	ND(0.82)
Phenanthrene		55	13	0.80	ND(0.74)
Phenol		33,000	ND(0.35)	ND(0.38)	ND(0.74)
Pronamide		4,100	ND(0.35)	ND(0.38)	ND(0.74)
Pyrene		1,500	23	3.2	0.12 J
Pyridine		55	ND(0.35)	ND(0.38)	ND(0.74)
Safrole		Not Listed	ND(0.35)	ND(0.38) J	ND(0.74) J
Thionazin		330	ND(0.35)	ND(0.38)	ND(0.74)

**TABLE E-75
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-32 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-32-SB-3 1-3 07/07/03	I9-9-32-SB-3-E 1-3 10/25/05	I9-9-32-SB-3-W 1-3 10/11/05
Furans					
2,3,7,8-TCDF		Not Applicable	0.000016 Y	NA	NA
TCDFs (total)		Not Applicable	0.00014	NA	NA
1,2,3,7,8-PeCDF		Not Applicable	ND(0.000015) X	NA	NA
2,3,4,7,8-PeCDF		Not Applicable	0.000014	NA	NA
PeCDFs (total)		Not Applicable	0.00028	NA	NA
1,2,3,4,7,8-HxCDF		Not Applicable	0.00020 I	NA	NA
1,2,3,6,7,8-HxCDF		Not Applicable	0.000015	NA	NA
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.0000097)	NA	NA
2,3,4,6,7,8-HxCDF		Not Applicable	0.000013	NA	NA
HxCDFs (total)		Not Applicable	0.00048	NA	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.00010	NA	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.0000085	NA	NA
HpCDFs (total)		Not Applicable	0.00012	NA	NA
OCDF		Not Applicable	0.00025	NA	NA
Dioxins					
2,3,7,8-TCDD		Not Applicable	ND(0.0000055) J	NA	NA
TCDDs (total)		Not Applicable	ND(0.0000055) J	NA	NA
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000011)	NA	NA
PeCDDs (total)		Not Applicable	ND(0.0000011)	NA	NA
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.0000011)	NA	NA
1,2,3,6,7,8-HxCDD		Not Applicable	0.0000046	NA	NA
1,2,3,7,8,9-HxCDD		Not Applicable	0.0000035	NA	NA
HxCDDs (total)		Not Applicable	0.0000081	NA	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000019	NA	NA
HpCDDs (total)		Not Applicable	0.000041	NA	NA
OCDD		Not Applicable	0.00010	NA	NA
Total TEQs (WHO TEFs)		Not Applicable	0.000035	NA	NA
Inorganics					
Antimony		30	ND(6.00)	NA	NA
Arsenic		0.38	4.60	NA	NA
Barium		5,200	30.0	NA	NA
Beryllium		150	0.140 B	NA	NA
Cadmium		37	0.430 B	NA	NA
Chromium		210	6.00	NA	NA
Cobalt		3,300	5.50	NA	NA
Copper		2,800	20.0	NA	NA
Lead		400	67.0	NA	NA
Mercury		22	1.50	NA	NA
Nickel		1,500	9.40	NA	NA
Selenium		370	ND(1.00) J	NA	NA
Silver		370	ND(1.00)	NA	NA
Thallium		6	ND(1.00) J	NA	NA
Tin		45,000	ND(10.0)	NA	NA
Vanadium		520	5.40	NA	NA
Zinc		22,000	55.0	NA	NA
Cyanide		11	0.0940 B	NA	NA
Sulfide		350	6.60	NA	NA

**TABLE E-75
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-32 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- J - Estimated Value.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- 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 - Estimated Value.

**TABLE E-76
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
PARCEL I9-9-32 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS**

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
Acetone	0.055	1,400	No
Semivolatile Organics			
2-Methylnaphthalene	1.2	55*	No
Acenaphthene	1.5	2,600	No
Acenaphthylene	3.8	55*	No
Aniline	0.22	78	No
Anthracene	3.6	14,000	No
Benzo(a)anthracene	8.4	0.56	Yes
Benzo(a)pyrene	8.3	0.056	Yes
Benzo(b)fluoranthene	5.7	0.56	Yes
Benzo(g,h,i)perylene	5.4	55*	No
Benzo(k)fluoranthene	7.5	5.6	Yes
bis(2-Ethylhexyl)phthalate	0.38	32	No
Butylbenzylphthalate	0.64	930	No
Chrysene	9.2	56	No
Dibenzo(a,h)anthracene	1.1	0.056	Yes
Dibenzofuran	0.84	210	No
Fluoranthene	19	2,000	No
Fluorene	1.8	1,800	No
Indeno(1,2,3-cd)pyrene	4.2	0.56	Yes
Naphthalene	1.2	55	No
Phenanthrene	13	55*	No
Pyrene	23	1500	No
Inorganics			
Arsenic	6.6	0.38	Yes
Barium	56	5,200	No
Beryllium	0.24	150	No
Cadmium	8.8	37	No
Chromium	30	210	No
Cobalt	6.9	3,300	No
Copper	220	2,800	No
Cyanide	0.71	11*	No
Lead	240	400	No
Mercury	1.5	22	No
Nickel	46	1,500	No
Silver	4.3	370	No
Sulfide	1400	350*	Yes
Tin	41	45,000	No
Vanadium	14	520	No
Zinc	310	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-77
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-32: 0- TO 1-FOOT DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-32-SB-2 0-1 07/07/03	I9-9-32-SB-3 0-1 07/07/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	0.23	0.17	N/A (See Note 5)	0.20	7	No
Benzo(a)pyrene	0.23	0.17	N/A (See Note 5)	0.20	2	No
Benzo(b)fluoranthene	0.23	0.17	N/A (See Note 5)	0.20	7	No
Benzo(k)fluoranthene	0.23	0.17	N/A (See Note 5)	0.20	70	No
Dibenzo(a,h)anthracene	0.23	0.17	N/A (See Note 5)	0.20	0.7	No
Indeno(1,2,3-cd)pyrene	R	0.17	N/A (See Note 5)	0.17	7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	7.10E-06	4.70E-06	7.10E-06	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	3.30	5.00	N/A (See Note 5)	4.15	20	No
Sulfide	1,400	12.0	N/A (See Note 5)	706	633*	(See Note 8)

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- R = Rejected result.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- As presented in GE's April 4, 2006 memo to EPA, Re: RD/RA Evaluations of Sulfide Detected in Soils, GE, MDEP, and EPA have agreed to the following approach in regards to sulfide detected in soils: In cases where sulfide is the only constituent that results in an exceedance of the applicable performance criteria, either under current conditions or after the anticipated performance of remediation, sulfide will be excluded from further RD/RA evaluations and a conclusion will be made that acceptable conditions exist or will be achieved.

TABLE E-78

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

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**TABLE E-79
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-32: 1- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-32-SB-2 1-3 (See Note 1)	I9-9-32-SB-3 1-3 07/07/03	I9-9-32-SB-3-E 1-3 10/25/05	I9-9-32-SB-3-W 1-3 10/11/05	COMP-I9-9-32-SB-3 1-3 (See Note 2)
Semivolatile Organics					
Benzo(a)anthracene	0.44	8.4	1.6	0.37	3.5
Benzo(a)pyrene	0.37	8.3	1.5	0.37	3.4
Benzo(b)fluoranthene	0.34	5.7	1.1	0.37	2.4
Benzo(k)fluoranthene	0.41	7.5	1.2	0.37	3.0
Dibenzo(a,h)anthracene	0.27	1.1	0.16	0.37	0.54
Indeno(1,2,3-cd)pyrene	0.23	4.2	0.71	0.37	1.8
Dioxins/Furans					
Total TEQs (WHO TEFs)	5.50E-04	3.50E-05	--	--	--
Inorganics					
Arsenic	6.60	4.60	--	--	--
Sulfide	640	6.60	--	--	--

	Maximum Sample Result	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 7)	1.9	7	No
Benzo(a)pyrene	N/A (See Note 7)	1.9	2	No
Benzo(b)fluoranthene	N/A (See Note 7)	1.4	7	No
Benzo(k)fluoranthene	N/A (See Note 7)	1.7	70	No
Dibenzo(a,h)anthracene	N/A (See Note 7)	0.41	0.7	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 7)	1.0	7	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	5.50E-04	N/A (See Note 7)	1.50E-03	No
Inorganics				
Arsenic	N/A (See Note 7)	5.60	20	No
Sulfide	N/A (See Note 7)	323	633*	No

Notes:

- Sample I9-9-32-SB-2 presents results from two sampling events. The results presented for the semivolatile organics other than indeno(1,2,3-cd)pyrene were collected on 2/13/2004, the result for indeno(1,2,3-cd)pyrene represents the average result from samples collected on 7/7/2003 and 2/13/2004, and Total TEQs, arsenic, and sulfide were collected on 7/7/2003.
- The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): I9-9-32-SB-3-E (1-3'; 10/25/05), I9-9-32-SB-3-W (1-3'; 10/11/05), and I9-9-32-SB-3 (1-3'; 7/7/03).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Not analyzed.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

TABLE E-80

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

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**TABLE E-81
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-32: 1- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-32-SB-2 1-3 (See Note 1)	I9-9-32-SB-3 1-3 07/07/03	I9-9-32-SB-3-E 1-3 10/25/05	I9-9-32-SB-3-W 1-3 10/11/05	COMP-I9-9-32-SB-3 1-3 (See Note 2)
Semivolatile Organics					
Benzo(a)anthracene	0.44	0.198	1.6	0.37	0.72
Benzo(a)pyrene	0.37	0.198	1.5	0.37	0.69
Benzo(b)fluoranthene	0.34	0.198	1.1	0.37	0.56
Benzo(k)fluoranthene	0.41	0.198	1.2	0.37	0.59
Dibenzo(a,h)anthracene	0.27	0.256	0.16	0.37	0.26
Indeno(1,2,3-cd)pyrene	0.23	0.256	0.71	0.37	0.45
Dioxins/Furans					
Total TEQs (WHO TEFs)	5.50E-04	3.50E-05	--	--	--
Inorganics					
Arsenic	6.60	4.60	--	--	--
Sulfide	640	6.60	--	--	--

	Maximum Sample Result	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 7)	0.58	7	No
Benzo(a)pyrene	N/A (See Note 7)	0.53	2	No
Benzo(b)fluoranthene	N/A (See Note 7)	0.45	7	No
Benzo(k)fluoranthene	N/A (See Note 7)	0.50	70	No
Dibenzo(a,h)anthracene	N/A (See Note 7)	0.27	0.7	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 7)	0.34	7	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	5.50E-04	N/A (See Note 7)	1.50E-03	No
Inorganics				
Arsenic	N/A (See Note 7)	5.60	20	No
Sulfide	N/A (See Note 7)	323	633*	No

Notes:

- Sample I9-9-32-SB-2 presents results from two sampling events. The results presented for the semivolatile organics other than indeno(1,2,3-cd)pyrene were collected on 2/13/2004, the result for indeno(1,2,3-cd)pyrene represents the average result from samples collected on 7/7/2003 and 2/13/2004, and Total TEQs, arsenic, and sulfide were collected on 7/7/2003.
- The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): I9-9-32-SB-3-E (1-3'; 10/25/05), I9-9-32-SB-3-W (1-3'; 10/11/05), and I9-9-32-SB-3 (1-3'; 7/7/03).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.
- = Not analyzed.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

ARCADIS

Parcel I9-9-33 (bank)

**TABLE E-82
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-33 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-33-SB-2 0-1 07/08/03	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
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
1,1,1-Trichloroethane		680	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
1,1,2-Trichloroethane		0.82	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
1,1-Dichloroethane		570	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
1,1-Dichloroethene		0.052	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
1,2,3-Trichloropropane		0.0014	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
1,2-Dibromoethane		0.0049	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
1,2-Dichloroethane		0.34	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
1,2-Dichloropropane		0.34	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
1,4-Dioxane		40	ND(0.10) J	ND(0.11) J	ND(0.11) J	ND(0.11) J
2-Butanone		6,900	ND(0.010)	ND(0.011)	ND(0.011)	ND(0.011)
2-Chloro-1,3-butadiene		3.6	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
2-Chloroethylvinylether		0.18	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
2-Hexanone		750	ND(0.010)	ND(0.011)	ND(0.011)	ND(0.011)
3-Chloropropane		2,700	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
4-Methyl-2-pentanone		750	ND(0.010)	ND(0.011)	ND(0.011)	ND(0.011)
Acetone		1,400	ND(0.021)	ND(0.022)	ND(0.021)	ND(0.021)
Acetonitrile		200	ND(0.10) J	ND(0.11) J	ND(0.11) J	ND(0.11) J
Acrolein		0.1	ND(0.10) J	ND(0.11) J	ND(0.11) J	ND(0.11) J
Acrylonitrile		0.19	ND(0.0052) J	ND(0.0055) J	ND(0.0054) J	ND(0.0053) J
Benzene		0.62	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Bromodichloromethane		0.98	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Bromoform		56	ND(0.0052) J	ND(0.0055) J	ND(0.0054) J	ND(0.0053) J
Bromomethane		3.8	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Carbon Disulfide		350	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Carbon Tetrachloride		0.23	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Chlorobenzene		54	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Chloroethane		1,600	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Chloroform		0.24	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Chloromethane		1.2	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
cis-1,3-Dichloropropene		Not Listed	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Dibromochloromethane		5.3	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Dibromomethane		550	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Dichlorodifluoromethane		94	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Ethyl Methacrylate		140	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Ethylbenzene		230	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Iodomethane		1.2	ND(0.0052) J	ND(0.0055) J	ND(0.0054) J	ND(0.0053) J
Isobutanol		10,000	ND(0.10) J	ND(0.11) J	ND(0.11) J	ND(0.11) J
Methacrylonitrile		1.8	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Methyl Methacrylate		2,200	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Methylene Chloride		8.5	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Propionitrile		200	ND(0.010)	ND(0.011)	ND(0.011)	ND(0.011)
Styrene		1,700	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Tetrachloroethene		4.7	ND(0.0052) J	ND(0.0055) J	ND(0.0054) J	ND(0.0053) J
Toluene		520	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
trans-1,2-Dichloroethene		62	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
trans-1,3-Dichloropropene		Not Listed	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Trichloroethene		2.7	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Trichlorofluoromethane		380	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Vinyl Acetate		420	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Vinyl Chloride		0.021	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Xylenes (total)		210	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)

**TABLE E-82
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-33 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-33-SB-2 0-1 07/08/03	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
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
1,2,4-Trichlorobenzene		480	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
1,2-Dichlorobenzene		370	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
1,2-Diphenylhydrazine		0.56	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
1,3,5-Trinitrobenzene		1,600	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
1,3-Dichlorobenzene		41	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
1,3-Dinitrobenzene		5.5	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
1,4-Dichlorobenzene		3	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
1,4-Naphthoquinone		55	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
1-Naphthylamine		Not Listed	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
2,3,4,6-Tetrachlorophenol		1,600	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
2,4,5-Trichlorophenol		5,500	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
2,4,6-Trichlorophenol		40	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
2,4-Dichlorophenol		160	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
2,4-Dimethylphenol		1,100	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
2,4-Dinitrophenol		110	ND(1.8) J	ND(1.9) J	ND(1.8) J	ND(1.8) J
2,4-Dinitrotoluene		110	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
2,6-Dichlorophenol		160	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
2,6-Dinitrotoluene		55	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
2-Acetylaminofluorene		0.56	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
2-Chloronaphthalene		3,700	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
2-Chlorophenol		59	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
2-Methylnaphthalene		55	ND(0.35)	ND(0.36)	ND(0.36)	0.12 J
2-Methylphenol		2,700	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
2-Naphthylamine		Not Listed	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
2-Nitroaniline		3.3	ND(1.8)	ND(1.9)	ND(1.8)	ND(1.8)
2-Nitrophenol		Not Listed	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
2-Picoline		55	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
3&4-Methylphenol		270	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
3,3'-Dichlorobenzidine		0.99	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
3,3'-Dimethylbenzidine		0.048	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
3-Methylcholanthrene		0.056	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
3-Nitroaniline		5.5	ND(1.8)	ND(1.9)	ND(1.8)	ND(1.8)
4,6-Dinitro-2-methylphenol		55	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
4-Aminobiphenyl		1,400	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
4-Bromophenyl-phenylether		160	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
4-Chloro-3-Methylphenol		2,700	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
4-Chloroaniline		220	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
4-Chlorobenzilate		1.6	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
4-Chlorophenyl-phenylether		Not Listed	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
4-Nitroaniline		5.5	ND(1.8)	ND(1.9)	ND(1.8)	ND(1.8)
4-Nitrophenol		3,400	ND(1.8) J	ND(1.9) J	ND(1.8) J	ND(1.8) J
4-Nitroquinoline-1-oxide		110	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
4-Phenylenediamine		10,000	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
5-Nitro-o-toluidine		13	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
a,a'-Dimethylphenethylamine		55	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
Acenaphthene		2,600	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Acenaphthylene		55	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Acetophenone		0.49	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Aniline		78	ND(0.35)	0.089 J	0.27 J	0.24 J
Anthracene		14,000	ND(0.35)	0.14 J	0.10 J	0.12 J
Aramite		18	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
Benzidine		0.0019	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
Benzo(a)anthracene		0.56	0.14 J	0.35 J	0.35 J	0.45
Benzo(a)pyrene		0.056	0.20 J	0.27 J	0.36 J	0.49
Benzo(b)fluoranthene		0.56	0.13 J	0.27 J	0.33 J	0.35 J
Benzo(g,h,i)perylene		55	0.17 J	0.20 J	0.68	1.3

**TABLE E-82
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-33 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-33-SB-2 0-1 07/08/03	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
Benzo(k)fluoranthene		5.6	0.088 J	0.21 J	0.28 J	0.19 J
Benzyl Alcohol		16,000	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
Semivolatile Organics (continued)						
bis(2-Chloroethoxy)methane		Not Listed	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
bis(2-Chloroethyl)ether		0.18	ND(0.35) J	ND(0.36) J	ND(0.36) J	ND(0.36) J
bis(2-Chloroisopropyl)ether		2.5	ND(0.35) J	ND(0.36) J	ND(0.36) J	ND(0.36) J
bis(2-Ethylhexyl)phthalate		32	ND(0.34)	ND(0.36)	ND(0.35)	ND(0.35)
Butylbenzylphthalate		930	ND(0.35)	0.53	9.6	1.7
Chrysene		56	0.19 J	0.37	0.40	0.55
Diallate		7.3	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
Dibenzo(a,h)anthracene		0.056	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Dibenzofuran		210	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Diethylphthalate		44,000	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Dimethylphthalate		100,000	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Di-n-Butylphthalate		5,500	ND(0.35)	ND(0.36)	0.11 J	ND(0.36)
Di-n-Octylphthalate		1,100	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Diphenylamine		1,400	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Ethyl Methanesulfonate		Not Listed	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Fluoranthene		2,000	0.31 J	0.90	0.78	0.80
Fluorene		1,800	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Hexachlorobenzene		0.28	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Hexachlorobutadiene		5.7	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Hexachlorocyclopentadiene		380	ND(0.35) J	ND(0.36) J	ND(0.36) J	ND(0.36) J
Hexachloroethane		32	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Hexachlorophene		16	ND(0.70) J	ND(0.73) J	ND(0.72) J	ND(0.71) J
Hexachloropropene		Not Listed	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Indeno(1,2,3-cd)pyrene		0.56	0.10 J	0.18 J	0.27 J	0.32 J
Isodrin		Not Listed	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Isophorone		470	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Isosafrole		Not Listed	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
Methapyrilene		55	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
Methyl Methanesulfonate		Not Listed	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Naphthalene		55	ND(0.35)	ND(0.36)	ND(0.36)	0.11 J
Nitrobenzene		16	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
N-Nitrosodiethylamine		0.003	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
N-Nitrosodimethylamine		0.0087	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
N-Nitroso-di-n-butylamine		0.022	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
N-Nitroso-di-n-propylamine		0.063	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
N-Nitrosodiphenylamine		91	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
N-Nitrosomethylethylamine		0.02	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
N-Nitrosomorpholine		0.21	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
N-Nitrosopiperidine		0.21	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
N-Nitrosopyrrolidine		0.21	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
o,o,o-Triethylphosphorothioate		11	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
o-Toluidine		1.9	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
p-Dimethylaminoazobenzene		0.99	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
Pentachlorobenzene		44	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Pentachloroethane		2.8	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Pentachloronitrobenzene		1.7	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
Pentachlorophenol		2.5	ND(1.8)	ND(1.9)	ND(1.8)	ND(1.8)
Phenacetin		640	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
Phenanthrene		55	0.13 J	0.56	0.33 J	0.55
Phenol		33,000	0.20 J	ND(0.36)	ND(0.36)	ND(0.36)
Pronamide		4,100	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Pyrene		1,500	0.29 J	0.71	0.66	0.82
Pyridine		55	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Safrole		Not Listed	ND(0.35) J	ND(0.36) J	ND(0.36) J	ND(0.36) J
Thionazin		330	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)

**TABLE E-82
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-33 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-33-SB-2 0-1 07/08/03	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
Furans						
2,3,7,8-TCDF		Not Applicable	ND(0.0000010)	0.000026 YEJI	0.000082 YEJI	0.000068 YEJI
TCDFs (total)		Not Applicable	0.000019	0.000032	0.0017	0.0014
1,2,3,7,8-PeCDF		Not Applicable	ND(0.0000011)	ND(0.000014) X	0.00011	0.000078
2,3,4,7,8-PeCDF		Not Applicable	ND(0.0000038) X	0.000014	0.000099	ND(0.000088) X
PeCDFs (total)		Not Applicable	0.00013	0.00044	0.0022	0.0020
1,2,3,4,7,8-HxCDF		Not Applicable	0.000032 I	0.00012 I	0.0010 I	0.00061 I
1,2,3,6,7,8-HxCDF		Not Applicable	ND(0.0000037) X	0.000013	0.000094	0.000087
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.00000061)	ND(0.00000093)	0.0000030	ND(0.0000054)
2,3,4,6,7,8-HxCDF		Not Applicable	ND(0.0000059) X	0.000015	0.000076	0.00010
HxCDFs (total)		Not Applicable	0.00014	0.00045	0.0036	0.0032
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000039	0.000070	0.00035	0.00028
1,2,3,4,7,8,9-HpCDF		Not Applicable	ND(0.00000077)	0.0000088	ND(0.000023) X	0.000021
HpCDFs (total)		Not Applicable	0.000039	0.000079	0.00035	0.00032
OCDF		Not Applicable	0.00013	0.00027	0.00039	0.00055
Dioxins						
2,3,7,8-TCDD		Not Applicable	ND(0.00000050) J	ND(0.00000044)	ND(0.0000039) X	ND(0.0000032) X
TCDDs (total)		Not Applicable	ND(0.00000050) J	0.0000037	0.000036	0.000018
1,2,3,7,8-PeCDD		Not Applicable	ND(0.00000070)	ND(0.0000012)	0.000023	0.000015
PeCDDs (total)		Not Applicable	ND(0.00000070)	ND(0.0000012)	0.000023	0.000015
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.0000018) X	ND(0.00000064)	0.000011	0.0000082
1,2,3,6,7,8-HxCDD		Not Applicable	0.0000049	0.000011	0.000051	0.000032
1,2,3,7,8,9-HxCDD		Not Applicable	0.0000047	0.0000085	0.000031	0.000019
HxCDDs (total)		Not Applicable	0.0000096	0.000020	0.000093	0.000060
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.00016	0.00031	0.00010	0.000068
HpCDDs (total)		Not Applicable	0.00024	0.00044	0.00022	0.00014
OCDD		Not Applicable	0.0012	0.0028	0.00037	0.00022
Total TEQs (WHO TEFs)		Not Applicable	0.0000085	0.000032	0.00022	0.00014
Inorganics						
Antimony		30	0.920 B	0.830 B	ND(6.00)	0.870 B
Arsenic		0.38	2.60	3.80	6.40	6.00
Barium		5,200	22.0	77.0	37.0	30.0
Beryllium		150	0.140 B	0.150 B	0.150 B	0.160 B
Cadmium		37	0.480 B	0.300 B	0.430 B	0.420 B
Chromium		210	7.80	6.20	6.00	6.10
Cobalt		3,300	4.10 B	3.40 B	5.50	4.40 B
Copper		2,800	19.0	30.0	28.0	33.0
Cyanide		11	0.130 B	0.210	0.300	0.190
Lead		400	33.0	86.0	380	390
Mercury		22	0.0580 B	0.440	51.0	70.0
Nickel		1,500	9.70	8.90	10.0	11.0
Selenium		370	ND(1.00) J	0.630 J	0.690 J	ND(1.00) J
Silver		370	ND(1.00)	0.350 B	ND(1.00)	0.120 B
Sulfide		350	250	650	ND(5.40)	87.0
Thallium		6	ND(1.00) J	ND(1.10) J	ND(1.10) J	ND(1.10) J
Tin		45,000	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium		520	7.00	7.30	10.0	8.10
Zinc		22,000	77.0	130	100	97.0

**TABLE E-82
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-33 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-33-SB-6 0-1 07/08/03	I9-9-33-SB-6 1-3 07/08/03
Volatile Organics				
1,1,1,2-Tetrachloroethane		2.8	ND(0.0052)	ND(0.0052)
1,1,1-Trichloroethane		680	ND(0.0052)	ND(0.0052)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0052)	ND(0.0052)
1,1,2-Trichloroethane		0.82	ND(0.0052)	ND(0.0052)
1,1-Dichloroethane		570	ND(0.0052)	ND(0.0052)
1,1-Dichloroethene		0.052	ND(0.0052)	ND(0.0052)
1,2,3-Trichloropropane		0.0014	ND(0.0052)	ND(0.0052)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0052)	ND(0.0052)
1,2-Dibromoethane		0.0049	ND(0.0052)	ND(0.0052)
1,2-Dichloroethane		0.34	ND(0.0052)	ND(0.0052)
1,2-Dichloropropane		0.34	ND(0.0052)	ND(0.0052)
1,4-Dioxane		40	ND(0.10) J	ND(0.10) J
2-Butanone		6,900	ND(0.010)	ND(0.010)
2-Chloro-1,3-butadiene		3.6	ND(0.0052)	ND(0.0052)
2-Chloroethylvinylether		0.18	ND(0.0052)	ND(0.0052)
2-Hexanone		750	ND(0.010)	ND(0.010)
3-Chloropropane		2,700	ND(0.0052)	ND(0.0052)
4-Methyl-2-pentanone		750	ND(0.010)	ND(0.010)
Acetone		1,400	ND(0.021)	ND(0.021)
Acetonitrile		200	ND(0.10) J	ND(0.10) J
Acrolein		0.1	ND(0.10) J	ND(0.10) J
Acrylonitrile		0.19	ND(0.0052) J	ND(0.0052) J
Benzene		0.62	ND(0.0052)	ND(0.0052)
Bromodichloromethane		0.98	ND(0.0052)	ND(0.0052)
Bromoform		56	ND(0.0052) J	ND(0.0052) J
Bromomethane		3.8	ND(0.0052)	ND(0.0052)
Carbon Disulfide		350	ND(0.0052)	ND(0.0052)
Carbon Tetrachloride		0.23	ND(0.0052)	ND(0.0052)
Chlorobenzene		54	ND(0.0052)	ND(0.0052)
Chloroethane		1,600	ND(0.0052)	ND(0.0052)
Chloroform		0.24	ND(0.0052)	ND(0.0052)
Chloromethane		1.2	ND(0.0052)	ND(0.0052)
cis-1,3-Dichloropropene		Not Listed	ND(0.0052)	ND(0.0052)
Dibromochloromethane		5.3	ND(0.0052)	ND(0.0052)
Dibromomethane		550	ND(0.0052)	ND(0.0052)
Dichlorodifluoromethane		94	ND(0.0052)	ND(0.0052)
Ethyl Methacrylate		140	ND(0.0052)	ND(0.0052)
Ethylbenzene		230	ND(0.0052)	ND(0.0052)
Iodomethane		1.2	ND(0.0052) J	ND(0.0052) J
Isobutanol		10,000	ND(0.10) J	ND(0.10) J
Methacrylonitrile		1.8	ND(0.0052)	ND(0.0052)
Methyl Methacrylate		2,200	ND(0.0052)	ND(0.0052)
Methylene Chloride		8.5	ND(0.0052)	ND(0.0052)
Propionitrile		200	ND(0.010)	ND(0.010)
Styrene		1,700	ND(0.0052)	ND(0.0052)
Tetrachloroethene		4.7	ND(0.0052) J	ND(0.0052) J
Toluene		520	ND(0.0052)	ND(0.0052)
trans-1,2-Dichloroethene		62	ND(0.0052)	ND(0.0052)
trans-1,3-Dichloropropene		Not Listed	ND(0.0052)	ND(0.0052)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0052)	ND(0.0052)
Trichloroethene		2.7	ND(0.0052)	ND(0.0052)
Trichlorofluoromethane		380	ND(0.0052)	ND(0.0052)
Vinyl Acetate		420	ND(0.0052)	ND(0.0052)
Vinyl Chloride		0.021	ND(0.0052)	ND(0.0052)
Xylenes (total)		210	ND(0.0052)	ND(0.0052)

**TABLE E-82
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-33 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-33-SB-6 0-1 07/08/03	I9-9-33-SB-6 1-3 07/08/03
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene		16	ND(0.35)	ND(0.35)
1,2,4-Trichlorobenzene		480	ND(0.35)	ND(0.35)
1,2-Dichlorobenzene		370	ND(0.35)	ND(0.35)
1,2-Diphenylhydrazine		0.56	ND(0.35)	ND(0.35)
1,3,5-Trinitrobenzene		1,600	ND(0.35)	ND(0.35)
1,3-Dichlorobenzene		41	ND(0.35)	ND(0.35)
1,3-Dinitrobenzene		5.5	ND(0.70)	ND(0.70)
1,4-Dichlorobenzene		3	ND(0.35)	ND(0.35)
1,4-Naphthoquinone		55	ND(0.70)	ND(0.70)
1-Naphthylamine		Not Listed	ND(0.70)	ND(0.70)
2,3,4,6-Tetrachlorophenol		1,600	ND(0.35)	ND(0.35)
2,4,5-Trichlorophenol		5,500	ND(0.35)	ND(0.35)
2,4,6-Trichlorophenol		40	ND(0.35)	ND(0.35)
2,4-Dichlorophenol		160	ND(0.35)	ND(0.35)
2,4-Dimethylphenol		1,100	ND(0.35)	ND(0.35)
2,4-Dinitrophenol		110	ND(1.8) J	ND(1.8) J
2,4-Dinitrotoluene		110	ND(0.35)	ND(0.35)
2,6-Dichlorophenol		160	ND(0.35)	ND(0.35)
2,6-Dinitrotoluene		55	ND(0.35)	ND(0.35)
2-Acetylaminofluorene		0.56	ND(0.70)	ND(0.70)
2-Chloronaphthalene		3,700	ND(0.35)	ND(0.35)
2-Chlorophenol		59	ND(0.35)	ND(0.35)
2-Methylnaphthalene		55	ND(0.35)	ND(0.35)
2-Methylphenol		2,700	ND(0.35)	ND(0.35)
2-Naphthylamine		Not Listed	ND(0.70)	ND(0.70)
2-Nitroaniline		3.3	ND(1.8)	ND(1.8)
2-Nitrophenol		Not Listed	ND(0.70)	ND(0.70)
2-Picoline		55	ND(0.35)	ND(0.35)
3&4-Methylphenol		270	ND(0.70)	ND(0.70)
3,3'-Dichlorobenzidine		0.99	ND(0.70)	ND(0.70)
3,3'-Dimethylbenzidine		0.048	ND(0.35)	ND(0.35)
3-Methylcholanthrene		0.056	ND(0.70)	ND(0.70)
3-Nitroaniline		5.5	ND(1.8)	ND(1.8)
4,6-Dinitro-2-methylphenol		55	ND(0.35)	ND(0.35)
4-Aminobiphenyl		1,400	ND(0.70)	ND(0.70)
4-Bromophenyl-phenylether		160	ND(0.35)	ND(0.35)
4-Chloro-3-Methylphenol		2,700	ND(0.35)	ND(0.35)
4-Chloroaniline		220	ND(0.35)	ND(0.35)
4-Chlorobenzilate		1.6	ND(0.70)	ND(0.70)
4-Chlorophenyl-phenylether		Not Listed	ND(0.35)	ND(0.35)
4-Nitroaniline		5.5	ND(1.8)	ND(1.8)
4-Nitrophenol		3,400	ND(1.8) J	ND(1.8) J
4-Nitroquinoline-1-oxide		110	ND(0.70)	ND(0.70)
4-Phenylenediamine		10,000	ND(0.70)	ND(0.70)
5-Nitro-o-toluidine		13	ND(0.70)	ND(0.70)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.70)	ND(0.70)
a,a'-Dimethylphenethylamine		55	ND(0.70)	ND(0.70)
Acenaphthene		2,600	ND(0.35)	ND(0.35)
Acenaphthylene		55	ND(0.35)	0.079 J
Acetophenone		0.49	ND(0.35)	ND(0.35)
Aniline		78	0.12 J	0.17 J
Anthracene		14,000	ND(0.35)	0.099 J
Aramite		18	ND(0.70)	ND(0.70)
Benzidine		0.0019	ND(0.70)	ND(0.70)
Benzo(a)anthracene		0.56	0.17 J	0.29 J
Benzo(a)pyrene		0.056	0.19 J	0.35 J
Benzo(b)fluoranthene		0.56	0.19 J	0.38
Benzo(g,h,i)perylene		55	0.20 J	0.42

**TABLE E-82
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-33 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-33-SB-6 0-1 07/08/03	I9-9-33-SB-6 1-3 07/08/03
Benzo(k)fluoranthene		5.6	0.16 J	0.20 J
Benzyl Alcohol		16,000	ND(0.70)	ND(0.70)
Semivolatile Organics (continued)				
bis(2-Chloroethoxy)methane		Not Listed	ND(0.35)	ND(0.35)
bis(2-Chloroethyl)ether		0.18	ND(0.35) J	ND(0.35) J
bis(2-Chloroisopropyl)ether		2.5	ND(0.35) J	ND(0.35) J
bis(2-Ethylhexyl)phthalate		32	0.42	ND(0.34)
Butylbenzylphthalate		930	11	8.9
Chrysene		56	0.22 J	0.40
Diallate		7.3	ND(0.70)	ND(0.70)
Dibenzo(a,h)anthracene		0.056	ND(0.35)	ND(0.35)
Dibenzofuran		210	ND(0.35)	ND(0.35)
Diethylphthalate		44,000	ND(0.35)	ND(0.35)
Dimethylphthalate		100,000	ND(0.35)	ND(0.35)
Di-n-Butylphthalate		5,500	ND(0.35)	0.073 J
Di-n-Octylphthalate		1,100	ND(0.35)	ND(0.35)
Diphenylamine		1,400	ND(0.35)	ND(0.35)
Ethyl Methanesulfonate		Not Listed	ND(0.35)	ND(0.35)
Fluoranthene		2,000	0.39	0.60
Fluorene		1,800	ND(0.35)	ND(0.35)
Hexachlorobenzene		0.28	ND(0.35)	ND(0.35)
Hexachlorobutadiene		5.7	ND(0.35)	ND(0.35)
Hexachlorocyclopentadiene		380	ND(0.35) J	ND(0.35) J
Hexachloroethane		32	ND(0.35)	ND(0.35)
Hexachlorophene		16	ND(0.70) J	ND(0.70) J
Hexachloropropene		Not Listed	ND(0.35)	ND(0.35)
Indeno(1,2,3-cd)pyrene		0.56	ND(0.35)	0.27 J
Isodrin		Not Listed	ND(0.35)	ND(0.35)
Isophorone		470	ND(0.35)	ND(0.35)
Isosafrole		Not Listed	ND(0.70)	ND(0.70)
Methapyrilene		55	ND(0.70)	ND(0.70)
Methyl Methanesulfonate		Not Listed	ND(0.35)	ND(0.35)
Naphthalene		55	ND(0.35)	ND(0.35)
Nitrobenzene		16	ND(0.35)	ND(0.35)
N-Nitrosodiethylamine		0.003	ND(0.35)	ND(0.35)
N-Nitrosodimethylamine		0.0087	ND(0.35)	ND(0.35)
N-Nitroso-di-n-butylamine		0.022	ND(0.70)	ND(0.70)
N-Nitroso-di-n-propylamine		0.063	ND(0.35)	ND(0.35)
N-Nitrosodiphenylamine		91	ND(0.35)	ND(0.35)
N-Nitrosomethylethylamine		0.02	ND(0.70)	ND(0.70)
N-Nitrosomorpholine		0.21	ND(0.35)	ND(0.35)
N-Nitrosopiperidine		0.21	ND(0.35)	ND(0.35)
N-Nitrosopyrrolidine		0.21	ND(0.70)	ND(0.70)
o,o,o-Triethylphosphorothioate		11	ND(0.35)	ND(0.35)
o-Toluidine		1.9	ND(0.35)	ND(0.35)
p-Dimethylaminoazobenzene		0.99	ND(0.70)	ND(0.70)
Pentachlorobenzene		44	ND(0.35)	ND(0.35)
Pentachloroethane		2.8	ND(0.35)	ND(0.35)
Pentachloronitrobenzene		1.7	ND(0.70)	ND(0.70)
Pentachlorophenol		2.5	ND(1.8)	ND(1.8)
Phenacetin		640	ND(0.70)	ND(0.70)
Phenanthrene		55	0.20 J	0.35
Phenol		33,000	ND(0.35)	ND(0.35)
Pronamide		4,100	ND(0.35)	ND(0.35)
Pyrene		1,500	0.33 J	0.51
Pyridine		55	ND(0.35)	ND(0.35)
Safrole		Not Listed	ND(0.35) J	ND(0.35) J
Thionazin		330	ND(0.35)	ND(0.35)

**TABLE E-82
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-33 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-33-SB-6 0-1 07/08/03	I9-9-33-SB-6 1-3 07/08/03
Furans				
2,3,7,8-TCDF		Not Applicable	0.000031 YEJl	0.000058 YEJl
TCDFs (total)		Not Applicable	0.00057	0.00072
1,2,3,7,8-PeCDF		Not Applicable	0.000023	ND(0.000041) X
2,3,4,7,8-PeCDF		Not Applicable	0.000035	0.000049
PeCDFs (total)		Not Applicable	0.0021	0.0020
1,2,3,4,7,8-HxCDF		Not Applicable	0.00013 l	0.00023 l
1,2,3,6,7,8-HxCDF		Not Applicable	ND(0.000034) X	0.000049
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.0000010)	0.000048
2,3,4,6,7,8-HxCDF		Not Applicable	0.000035	0.000048
HxCDFs (total)		Not Applicable	0.0012	0.0014
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.00010	0.00024
1,2,3,4,7,8,9-HpCDF		Not Applicable	ND(0.000084) X	0.000049
HpCDFs (total)		Not Applicable	0.00011	0.00031
OCDF		Not Applicable	0.00016	0.0013
Dioxins				
2,3,7,8-TCDD		Not Applicable	ND(0.0000049)	ND(0.0000016) X
TCDDs (total)		Not Applicable	0.000069	0.000018
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000039) X	0.000050
PeCDDs (total)		Not Applicable	ND(0.0000012)	0.000050
1,2,3,4,7,8-HxCDD		Not Applicable	0.0000032	0.0000034
1,2,3,6,7,8-HxCDD		Not Applicable	0.000013	0.000011
1,2,3,7,8,9-HxCDD		Not Applicable	0.0000090	0.0000083
HxCDDs (total)		Not Applicable	0.000025	0.000022
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.00018	0.000081
HpCDDs (total)		Not Applicable	0.00030	0.00017
OCDD		Not Applicable	0.0012	0.00060
Total TEQs (WHO TEFs)		Not Applicable	0.000048	0.000076
Inorganics				
Antimony		30	ND(6.00)	0.830 B
Arsenic		0.38	4.20	4.40
Barium		5,200	38.0	30.0
Beryllium		150	0.170 B	0.140 B
Cadmium		37	0.660	0.530
Chromium		210	9.70	5.70
Cobalt		3,300	5.10	4.00 B
Copper		2,800	32.0	23.0
Cyanide		11	0.230	0.130
Lead		400	220	130
Mercury		22	3.60	4.50
Nickel		1,500	13.0	9.60
Selenium		370	ND(1.00) J	ND(1.00) J
Silver		370	ND(1.00)	ND(1.00)
Sulfide		350	ND(5.20)	ND(5.20)
Thallium		6	ND(1.00) J	ND(1.00) J
Tin		45,000	ND(10.0)	ND(10.0)
Vanadium		520	12.0	11.0
Zinc		22,000	110	86.0

**TABLE E-82
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-33 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
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 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.
- J - Estimated Value.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- 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 - Estimated Value.

**TABLE E-83
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
PARCEL I9-9-33 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS**

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Semivolatile Organics			
2-Methylnaphthalene	0.12	55*	No
Acenaphthylene	0.079	55*	No
Aniline	0.27	78	No
Anthracene	0.14	14,000	No
Benzo(a)anthracene	0.45	0.56	No
Benzo(a)pyrene	0.49	0.056	Yes
Benzo(b)fluoranthene	0.38	0.56	No
Benzo(g,h,i)perylene	1.3	55*	No
Benzo(k)fluoranthene	0.28	5.6	No
bis(2-Ethylhexyl)phthalate	0.42	32	No
Butylbenzylphthalate	11	930	No
Chrysene	0.55	56	No
Di-n-Butylphthalate	0.11	5,500	No
Fluoranthene	0.9	2,000	No
Indeno(1,2,3-cd)pyrene	0.32	0.56	No
Naphthalene	0.11	55	No
Phenanthrene	0.56	55*	No
Phenol	0.2	33,000	No
Pyrene	0.82	1,500	No
Inorganics			
Antimony	0.92	30	No
Arsenic	6.4	0.38	Yes
Barium	77	5,200	No
Beryllium	0.17	150	No
Cadmium	0.66	37	No
Chromium	9.7	210	No
Cobalt	5.5	3,300	No
Copper	33	2,800	No
Cyanide	0.3	11*	No
Lead	390	400	No
Mercury	70	22	Yes
Nickel	13	1,500	No
Selenium	0.69	370	No
Silver	0.35	370	No
Sulfide	650	350*	Yes
Vanadium	12	520	No
Zinc	130	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituent except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanid or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

**TABLE E-84
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-33: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-33-SB-2 0-1 07/08/03	I9-9-33-SB-5 0-1 07/08/03	I9-9-33-SB-6 0-1 07/08/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics							
Benzo(a)pyrene	0.20	0.36	0.19	N/A (See Note 5)	0.25	2	No
Dioxins/Furans							
Total TEQs (WHO TEFs)	8.50E-06	2.20E-04	4.80E-05	2.20E-04	N/A (See Note 5)	1.00E-03	No
Inorganics							
Arsenic	2.60	6.40	4.20	N/A (See Note 5)	4.40	20	No
Mercury	0.0580	51.0	3.60	N/A (See Note 5)	18.2	20	No
Sulfide	250	2.70	2.60	N/A (See Note 5)	85.1	633*	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

TABLE E-85

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

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**TABLE E-86
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-33: 1- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-33-SB-2 1-3 07/08/03	I9-9-33-SB-5 1-3 07/08/03	I9-9-33-SB-6 1-3 07/08/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics							
Benzo(a)pyrene	0.27	0.49	0.35	N/A (See Note 5)	0.37	2	No
Dioxins/Furans							
Total TEQs (WHO TEFs)	3.20E-05	1.40E-04	7.60E-05	1.40E-04	N/A (See Note 5)	1.50E-03	No
Inorganics							
Arsenic	3.80	6.00	4.40	N/A (See Note 5)	4.73	20	No
Mercury	0.440	70.0	4.50	N/A (See Note 5)	25.0	20	Yes
Sulfide	650	87.0	2.60	N/A (See Note 5)	247	633*	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

ARCADIS

Parcel I9-9-34 (bank)

**TABLE E-87
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-34 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-34-SB-1-NW 1-3 10/25/05	I9-9-34-SB-4 0-1 09/16/03	I9-9-34-SB-4 1-3 09/16/03	I9-9-34-SB-7 0-1 09/16/03	I9-9-34-SB-7 1-3 09/16/03
Volatile Organics							
1,1,1,2-Tetrachloroethane		2.8	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
1,1,1-Trichloroethane		680	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
1,1,2,2-Tetrachloroethane		0.36	NA	ND(0.0071) J	ND(0.0059) J	ND(0.0059) J	ND(0.0058) J
1,1,2-Trichloroethane		0.82	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
1,1-Dichloroethane		570	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
1,1-Dichloroethene		0.052	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
1,2,3-Trichloropropane		0.0014	NA	ND(0.0071) J	ND(0.0059) J	ND(0.0059)	ND(0.0058) J
1,2-Dibromo-3-chloropropane		0.32	NA	ND(0.0071) J	ND(0.0059) J	ND(0.0059)	ND(0.0058) J
1,2-Dibromoethane		0.0049	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
1,2-Dichloroethane		0.34	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
1,2-Dichloropropane		0.34	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
1,4-Dioxane		40	NA	ND(0.14) J	ND(0.12) J	ND(0.12) J	ND(0.12) J
2-Butanone		6,900	NA	ND(0.014)	0.0034 J	0.0035 J	ND(0.012)
2-Chloro-1,3-butadiene		3.6	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
2-Chloroethylvinylether		0.18	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
2-Hexanone		750	NA	ND(0.014)	ND(0.012)	ND(0.012)	ND(0.012)
3-Chloropropene		2,700	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
4-Methyl-2-pentanone		750	NA	ND(0.014)	ND(0.012)	ND(0.012)	ND(0.012)
Acetone		1,400	NA	ND(0.028)	0.035	0.026 J	ND(0.023) J
Acetonitrile		200	NA	ND(0.14)	ND(0.12)	ND(0.12)	ND(0.12)
Acrolein		0.1	NA	ND(0.14) J	ND(0.12) J	ND(0.12) J	ND(0.12) J
Acrylonitrile		0.19	NA	ND(0.0071) J	ND(0.0059) J	ND(0.0059) J	ND(0.0058) J
Benzene		0.62	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Bromodichloromethane		0.98	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Bromoform		56	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Bromomethane		3.8	NA	ND(0.0071) J	ND(0.0059) J	ND(0.0059) J	ND(0.0058) J
Carbon Disulfide		350	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Carbon Tetrachloride		0.23	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Chlorobenzene		54	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Chloroethane		1,600	NA	ND(0.0071) J	ND(0.0059) J	ND(0.0059) J	ND(0.0058) J
Chloroform		0.24	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Chloromethane		1.2	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
cis-1,3-Dichloropropene		Not Listed	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Dibromochloromethane		5.3	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Dibromomethane		550	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Dichlorodifluoromethane		94	NA	ND(0.0071) J	ND(0.0059) J	ND(0.0059)	ND(0.0058) J
Ethyl Methacrylate		140	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Ethylbenzene		230	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Iodomethane		1.2	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058) J
Isobutanol		10,000	NA	ND(0.14)	ND(0.12)	ND(0.12)	ND(0.12)
Methacrylonitrile		1.8	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Methyl Methacrylate		2,200	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Methylene Chloride		8.5	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Propionitrile		200	NA	ND(0.014)	ND(0.012)	ND(0.012)	ND(0.012)
Styrene		1,700	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Tetrachloroethene		4.7	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Toluene		520	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
trans-1,2-Dichloroethene		62	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
trans-1,3-Dichloropropene		Not Listed	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
trans-1,4-Dichloro-2-butene		Not Listed	NA	ND(0.0071) J	ND(0.0059) J	ND(0.0059)	ND(0.0058) J
Trichloroethene		2.7	NA	ND(0.0071) J	ND(0.0059) J	ND(0.0059)	ND(0.0058)
Trichlorofluoromethane		380	NA	ND(0.0071)	ND(0.0059)	ND(0.0059) J	ND(0.0058) J
Vinyl Acetate		420	NA	ND(0.0071) J	ND(0.0059) J	ND(0.0059) J	ND(0.0058) J
Vinyl Chloride		0.021	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Xylenes (total)		210	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0058)

**TABLE E-87
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-34 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-34-SB-1-NW 1-3 10/25/05	I9-9-34-SB-4 0-1 09/16/03	I9-9-34-SB-4 1-3 09/16/03	I9-9-34-SB-7 0-1 09/16/03	I9-9-34-SB-7 1-3 09/16/03
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		16	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
1,2,4-Trichlorobenzene		480	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
1,2-Dichlorobenzene		370	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
1,2-Diphenylhydrazine		0.56	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
1,3,5-Trinitrobenzene		1,600	ND(0.37) J	ND(1.6) J	ND(0.39) J	ND(0.63) J	ND(0.38) J
1,3-Dichlorobenzene		41	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
1,3-Dinitrobenzene		5.5	ND(0.74)	ND(1.6) J	ND(0.79) J	ND(0.79) J	ND(0.77) J
1,4-Dichlorobenzene		3	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
1,4-Naphthoquinone		55	ND(0.74) J	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
1-Naphthylamine		Not Listed	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
2,3,4,6-Tetrachlorophenol		1,600	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
2,4,5-Trichlorophenol		5,500	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
2,4,6-Trichlorophenol		40	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
2,4-Dichlorophenol		160	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
2,4-Dimethylphenol		1,100	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
2,4-Dinitrophenol		110	ND(1.9) J	ND(8.3)	ND(2.0)	ND(3.1)	ND(2.0)
2,4-Dinitrotoluene		110	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
2,6-Dichlorophenol		160	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
2,6-Dinitrotoluene		55	ND(0.37)	ND(1.6) J	ND(0.39) J	ND(0.63) J	ND(0.38) J
2-Acetylaminofluorene		0.56	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
2-Chloronaphthalene		3,700	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
2-Chlorophenol		59	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
2-Methylnaphthalene		55	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
2-Methylphenol		2,700	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
2-Naphthylamine		Not Listed	ND(0.74) J	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
2-Nitroaniline		3.3	ND(1.9)	ND(8.3) J	ND(2.0) J	ND(3.1) J	ND(2.0) J
2-Nitrophenol		Not Listed	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
2-Picoline		55	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
3&4-Methylphenol		270	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
3,3'-Dichlorobenzidine		0.99	ND(0.74)	ND(3.3)	ND(0.79)	ND(1.2)	ND(0.77)
3,3'-Dimethylbenzidine		0.048	ND(0.37)	ND(1.6) J	ND(0.39) J	ND(0.63) J	ND(0.38) J
3-Methylcholanthrene		0.056	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
3-Nitroaniline		5.5	ND(1.9)	ND(8.3)	ND(2.0)	ND(3.1)	ND(2.0)
4,6-Dinitro-2-methylphenol		55	ND(0.37) J	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
4-Aminobiphenyl		1,400	ND(0.74) J	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
4-Bromophenyl-phenylether		160	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
4-Chloro-3-Methylphenol		2,700	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
4-Chloroaniline		220	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
4-Chlorobenzilate		1.6	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
4-Chlorophenyl-phenylether		Not Listed	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
4-Nitroaniline		5.5	ND(1.9)	ND(2.4)	ND(2.0)	ND(2.0)	ND(2.0)
4-Nitrophenol		3,400	ND(1.9)	ND(8.3)	ND(2.0)	ND(3.1)	ND(2.0)
4-Nitroquinoline-1-oxide		110	ND(0.74) J	ND(1.6) J	ND(0.79) J	ND(0.79) J	ND(0.77) J
4-Phenylenediamine		10,000	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
5-Nitro-o-toluidine		13	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
a,a'-Dimethylphenethylamine		55	ND(0.74) J	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
Acenaphthene		2,600	0.065 J	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Acenaphthylene		55	0.22 J	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Acetophenone		0.49	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Aniline		78	ND(0.37)	ND(1.6)	ND(0.39)	0.75	ND(0.38)
Anthracene		14,000	0.26 J	ND(1.6)	ND(0.39)	ND(0.63)	0.15 J
Aramite		18	ND(0.74)	ND(1.6) J	ND(0.79) J	ND(0.79) J	ND(0.77) J
Benzidine		0.0019	ND(0.74) J	ND(3.3) J	ND(0.79) J	ND(1.2) J	ND(0.77) J
Benzo(a)anthracene		0.56	2.0	0.52 J	0.10 J	0.39 J	0.41
Benzo(a)pyrene		0.056	1.6	0.68 J	0.11 J	0.47 J	0.43
Benzo(b)fluoranthene		0.56	1.4	0.34 J	ND(0.39)	0.53 J	0.46
Benzo(g,h,i)perylene		55	0.91	ND(1.6)	0.081 J	0.41 J	0.30 J

**TABLE E-87
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-34 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-34-SB-1-NW 1-3 10/25/05	I9-9-34-SB-4 0-1 09/16/03	I9-9-34-SB-4 1-3 09/16/03	I9-9-34-SB-7 0-1 09/16/03	I9-9-34-SB-7 1-3 09/16/03
Benzo(k)fluoranthene		5.6	1.6	ND(1.6)	ND(0.39)	0.43 J	0.36 J
Benzyl Alcohol		16,000	ND(0.74)	ND(3.3)	ND(0.79)	ND(1.2)	ND(0.77)
Semivolatile Organics (continued)							
bis(2-Chloroethoxy)methane		Not Listed	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
bis(2-Chloroethyl)ether		0.18	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
bis(2-Chloroisopropyl)ether		2.5	ND(0.37)	ND(1.6) J	ND(0.39) J	ND(0.63) J	ND(0.38) J
bis(2-Ethylhexyl)phthalate		32	0.44	0.46 J	0.11 J	ND(0.39)	ND(0.38)
Butylbenzylphthalate		930	0.33 J	0.51 J	ND(0.39)	0.49 J	ND(0.38)
Chrysene		56	2.0	0.65 J	0.11 J	0.58 J	0.47
Diallate		7.3	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
Dibenzo(a,h)anthracene		0.056	0.19 J	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Dibenzofuran		210	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Diethylphthalate		44,000	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Dimethylphthalate		100,000	ND(0.37)	0.35 J	ND(0.39)	0.16 J	ND(0.38)
Di-n-Butylphthalate		5,500	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Di-n-Octylphthalate		1,100	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Diphenylamine		1,400	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Ethyl Methanesulfonate		Not Listed	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Fluoranthene		2,000	2.9	1.1 J	0.19 J	0.68	0.80
Fluorene		1,800	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Hexachlorobenzene		0.28	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Hexachlorobutadiene		5.7	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Hexachlorocyclopentadiene		380	ND(0.37) J	ND(1.6) J	ND(0.39) J	ND(0.63) J	ND(0.38) J
Hexachloroethane		32	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Hexachlorophene		16	ND(0.74) J	ND(3.3) J	ND(0.79) J	ND(1.2) J	ND(0.77) J
Hexachloropropene		Not Listed	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Indeno(1,2,3-cd)pyrene		0.56	0.82	ND(1.6)	ND(0.39)	ND(0.63)	0.31 J
Isodrin		Not Listed	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Isophorone		470	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Isosafrole		Not Listed	ND(0.74) J	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
Methapyrilene		55	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
Methyl Methanesulfonate		Not Listed	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Naphthalene		55	0.045 J	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Nitrobenzene		16	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
N-Nitrosodiethylamine		0.003	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
N-Nitrosodimethylamine		0.0087	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
N-Nitroso-di-n-butylamine		0.022	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
N-Nitroso-di-n-propylamine		0.063	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
N-Nitrosodiphenylamine		91	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
N-Nitrosomethylethylamine		0.02	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
N-Nitrosomorpholine		0.21	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
N-Nitrosopiperidine		0.21	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
N-Nitrosopyrrolidine		0.21	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
o,o,o-Triethylphosphorothioate		11	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
o-Toluidine		1.9	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
p-Dimethylaminoazobenzene		0.99	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
Pentachlorobenzene		44	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Pentachloroethane		2.8	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Pentachloronitrobenzene		1.7	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
Pentachlorophenol		2.5	ND(1.9)	ND(8.3)	ND(2.0)	ND(3.1)	ND(2.0)
Phenacetin		640	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
Phenanthrene		55	1.1	0.72 J	0.14 J	0.48 J	0.68
Phenol		33,000	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Pronamide		4,100	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Pyrene		1,500	2.8	1.3 J	0.23 J	0.82	0.96
Pyridine		55	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Safrole		Not Listed	ND(0.37) J	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Thionazin		330	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)

**TABLE E-87
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-34 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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): Date Collected:	EPA Region 9 Residential PRGs	I9-9-34-SB-1-NW 1-3 10/25/05	I9-9-34-SB-4 0-1 09/16/03	I9-9-34-SB-4 1-3 09/16/03	I9-9-34-SB-7 0-1 09/16/03	I9-9-34-SB-7 1-3 09/16/03
Furans						
2,3,7,8-TCDF	Not Applicable	NA	ND(0.0000097) Y	ND(0.0000084) Y	0.00011 YI	0.000013 Y
TCDFs (total)	Not Applicable	NA	0.000028	0.000017	0.00025	0.000047
1,2,3,7,8-PeCDF	Not Applicable	NA	ND(0.0000046) X	ND(0.0000022) X	0.000055	ND(0.0000072) X
2,3,4,7,8-PeCDF	Not Applicable	NA	ND(0.0000077) X	0.0000038	0.000051	ND(0.0000046) X
PeCDFs (total)	Not Applicable	NA	0.00018	0.000031	0.0015	0.000016
1,2,3,4,7,8-HxCDF	Not Applicable	NA	ND(0.00000055)	ND(0.00000030)	ND(0.00000067)	ND(0.00000033)
1,2,3,6,7,8-HxCDF	Not Applicable	NA	0.000054	0.000017	0.00027 I	0.000029 I
1,2,3,7,8,9-HxCDF	Not Applicable	NA	ND(0.0000023) X	ND(0.00000039)	ND(0.00000088)	ND(0.00000043)
2,3,4,6,7,8-HxCDF	Not Applicable	NA	0.0000069	ND(0.0000018) X	0.000023	ND(0.0000021) X
HxCDFs (total)	Not Applicable	NA	0.00022	0.000044	0.00088	0.000055
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	0.000052	0.000013	0.00014	0.000012
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	0.0000071	0.0000019	0.000012	ND(0.0000020) X
HpCDFs (total)	Not Applicable	NA	0.000059	0.000015	0.00016	0.000014
OCDF	Not Applicable	NA	0.00013	ND(0.000019) X	0.00012	0.000012
Dioxins						
2,3,7,8-TCDD	Not Applicable	NA	ND(0.00000048)	ND(0.00000039)	ND(0.000012) X	ND(0.00000039)
TCDDs (total)	Not Applicable	NA	ND(0.00000048)	ND(0.00000039)	0.000024	ND(0.00000039)
1,2,3,7,8-PeCDD	Not Applicable	NA	ND(0.000012) X	ND(0.00000084)	0.000045	ND(0.00000085)
PeCDDs (total)	Not Applicable	NA	ND(0.0000014)	ND(0.00000084)	0.000012	ND(0.00000085)
1,2,3,4,7,8-HxCDD	Not Applicable	NA	0.0000024	ND(0.00000045)	0.000046	ND(0.00000043)
1,2,3,6,7,8-HxCDD	Not Applicable	NA	0.0000065	ND(0.00000041)	0.000016	ND(0.00000039)
1,2,3,7,8,9-HxCDD	Not Applicable	NA	ND(0.00000068)	ND(0.00000042)	0.000013	ND(0.00000039)
HxCDDs (total)	Not Applicable	NA	0.0000089	ND(0.00000041)	0.000058	ND(0.00000039)
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	0.00014	0.000032	0.00015	0.0000071
HpCDDs (total)	Not Applicable	NA	0.00029	0.000069	0.00027	0.000013
OCDD	Not Applicable	NA	0.00098	0.00025	0.00093	0.00014
Total TEQs (WHO TEFs)	Not Applicable	NA	0.000072	0.0000054	0.000086	0.0000066
Inorganics						
Antimony	30	NA	ND(6.0)	ND(6.00)	ND(6.0)	ND(6.0)
Arsenic	0.38	NA	7.40	6.00	8.90	7.00
Barium	5,200	NA	70.0	54.0	190	110
Beryllium	150	NA	0.200 B	0.140 B	0.320 B	0.390 B
Cadmium	37	NA	0.360 B	0.130 B	1.10	0.210 B
Chromium	210	NA	13.0	5.80	11.0	7.80
Cobalt	3,300	NA	8.70	7.20	4.30 B	7.30
Copper	2,800	NA	39.0	32.0	50.0	60.0
Cyanide	11	NA	0.220	0.170	0.380	0.250
Lead	400	NA	180	100	380	140
Mercury	22	NA	0.250	0.140	0.980	0.180
Nickel	1,500	NA	16.0	11.0	12.0	13.0
Selenium	370	NA	1.00 B	1.30	1.30	1.40
Silver	370	NA	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Sulfide	350	NA	26.0	21.0	19.0	33.0
Thallium	6	NA	ND(1.40)	ND(1.20)	ND(1.20)	ND(1.20)
Tin	45,000	NA	ND(10.0)	ND(10.0)	ND(14.0)	ND(10.0)
Vanadium	520	NA	18.0	7.20	18.0	13.0
Zinc	22,000	NA	230	94.0	240	200

**TABLE E-87
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-34 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- J - Estimated Value.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- 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 - Estimated Value.

TABLE E-88
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
PARCEL I9-9-34 (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
2-Butanone	0.0035	6,900	No
Acetone	0.035	1,400	No
Semivolatile Organics			
Acenaphthene	0.065	2,600	No
Acenaphthylene	0.22	55*	No
Aniline	0.75	78	No
Anthracene	0.26	14,000	No
Benzo(a)anthracene	2	0.56	Yes
Benzo(a)pyrene	1.6	0.056	Yes
Benzo(b)fluoranthene	1.4	0.56	Yes
Benzo(g,h,i)perylene	0.91	55*	No
Benzo(k)fluoranthene	1.6	5.6	No
bis(2-Ethylhexyl)phthalate	0.46	32	No
Butylbenzylphthalate	0.51	930	No
Chrysene	2	56	No
Dibenzo(a,h)anthracene	0.19	0.056	Yes
Dimethylphthalate	0.35	100,000	No
Fluoranthene	2.9	2,000	No
Indeno(1,2,3-cd)pyrene	0.82	0.56	Yes
Naphthalene	0.045	55	No
Phenanthrene	1.1	55*	No
Pyrene	2.8	1,500	No
Inorganics			
Arsenic	8.9	0.38	Yes
Barium	190	5,200	No
Beryllium	0.39	150	No
Cadmium	1.1	37	No
Chromium	13	210	No
Cobalt	8.7	3,300	No
Copper	60	2,800	No
Cyanide	0.38	11*	No
Lead	380	400	No
Mercury	0.98	22	No
Nickel	16	1,500	No
Selenium	1.4	370	No
Sulfide	33	350*	No
Vanadium	18	520	No
Zinc	240	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-89
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-34: 0- TO 1-FOOT DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-34-SB-4 0-1 09/16/03	I9-9-34-SB-7 0-1 09/16/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	0.52	0.39	N/A (See Note 5)	0.46	7	No
Benzo(a)pyrene	0.68	0.47	N/A (See Note 5)	0.58	2	No
Benzo(b)fluoranthene	0.34	0.53	N/A (See Note 5)	0.44	7	No
Dibenzo(a,h)anthracene	0.80	0.32	N/A (See Note 5)	0.56	0.7	No
Indeno(1,2,3-cd)pyrene	0.80	0.32	N/A (See Note 5)	0.56	7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	7.20E-05	8.60E-05	8.60E-05	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	7.40	8.90	N/A (See Note 5)	8.15	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

**TABLE E-90
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-34: 0- TO 3-FOOT DEPTH INCREMENT (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-34-SB-4 0-1 09/16/03	I9-9-34-SB-7 0-1 09/16/03	I9-9-34-SB-1-NW 1-3 10/25/05	I9-9-34-SB-4 1-3 09/16/03	I9-9-34-SB-7 1-3 09/16/03
Semivolatile Organics					
Benzo(a)anthracene	0.52	0.39	2.0	0.10	0.41
Benzo(a)pyrene	0.68	0.47	1.6	0.11	0.43
Benzo(b)fluoranthene	0.34	0.53	1.4	0.20	0.46
Dibenzo(a,h)anthracene	0.80	0.32	0.19	0.20	0.19
Indeno(1,2,3-cd)pyrene	0.80	0.32	0.82	0.20	0.31
Dioxins/Furans					
Total TEQs (WHO TEFs)	7.20E-05	8.60E-05	--	5.40E-06	6.60E-06
Inorganics					
Arsenic	7.40	8.90	--	6.00	7.00

Sample ID: Sample Depth(Feet): Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 5)	0.68	7	No
Benzo(a)pyrene	N/A (See Note 5)	0.66	2	No
Benzo(b)fluoranthene	N/A (See Note 5)	0.59	7	No
Dibenzo(a,h)anthracene	N/A (See Note 5)	0.34	0.7	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 5)	0.49	7	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	8.60E-05	N/A (See Note 5)	1.00E-03	No
Inorganics				
Arsenic	N/A (See Note 5)	7.33	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Not analyzed.

TABLE E-91

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

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Parcel I9-9-201 (bank)

**TABLE E-92
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-201 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-11-SB-2 0-1 06/24/03	I9-9-11-SB-2 1-3 06/24/03	I9-9-11-SB-2-E 1-3 10/11/05	I9-9-11-SB-2-S 1-3 10/11/05
Volatiles Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0060)	ND(0.0056)	NA	NA
1,1,1-Trichloroethane		680	ND(0.0060)	ND(0.0056)	NA	NA
1,1,2,2-Tetrachloroethane		0.36	ND(0.0060)	ND(0.0056)	NA	NA
1,1,2-Trichloroethane		0.82	ND(0.0060)	ND(0.0056)	NA	NA
1,1-Dichloroethane		570	ND(0.0060)	ND(0.0056)	NA	NA
1,1-Dichloroethene		0.052	ND(0.0060)	ND(0.0056)	NA	NA
1,2,3-Trichloropropane		0.0014	ND(0.0060)	ND(0.0056)	NA	NA
1,2-Dibromo-3-chloropropane		0.32	ND(0.0060)	ND(0.0056)	NA	NA
1,2-Dibromoethane		0.0049	ND(0.0060)	ND(0.0056)	NA	NA
1,2-Dichloroethane		0.34	ND(0.0060)	ND(0.0056)	NA	NA
1,2-Dichloropropane		0.34	ND(0.0060)	ND(0.0056)	NA	NA
1,4-Dioxane		40	ND(0.12) J	ND(0.11) J	NA	NA
2-Butanone		6,900	ND(0.012)	ND(0.011)	NA	NA
2-Chloro-1,3-butadiene		3.6	ND(0.0060)	ND(0.0056)	NA	NA
2-Chloroethylvinylether		0.18	ND(0.0060)	ND(0.0056)	NA	NA
2-Hexanone		750	ND(0.012)	ND(0.011)	NA	NA
3-Chloropropane		2,700	ND(0.0060)	ND(0.0056)	NA	NA
4-Methyl-2-pentanone		750	ND(0.012)	ND(0.011)	NA	NA
Acetone		1,400	0.015 J	ND(0.022)	NA	NA
Acetonitrile		200	ND(0.12) J	ND(0.11) J	NA	NA
Acrolein		0.1	ND(0.12) J	ND(0.11) J	NA	NA
Acrylonitrile		0.19	ND(0.0060)	ND(0.0056)	NA	NA
Benzene		0.62	ND(0.0060)	ND(0.0056)	NA	NA
Bromodichloromethane		0.98	ND(0.0060)	ND(0.0056)	NA	NA
Bromoform		56	ND(0.0060)	ND(0.0056)	NA	NA
Bromomethane		3.8	ND(0.0060)	ND(0.0056)	NA	NA
Carbon Disulfide		350	ND(0.0060)	ND(0.0056)	NA	NA
Carbon Tetrachloride		0.23	ND(0.0060)	ND(0.0056)	NA	NA
Chlorobenzene		54	ND(0.0060)	ND(0.0056)	NA	NA
Chloroethane		1,600	ND(0.0060)	ND(0.0056)	NA	NA
Chloroform		0.24	ND(0.0060)	ND(0.0056)	NA	NA
Chloromethane		1.2	ND(0.0060)	ND(0.0056)	NA	NA
cis-1,3-Dichloropropene		Not Listed	ND(0.0060)	ND(0.0056)	NA	NA
Dibromochloromethane		5.3	ND(0.0060)	ND(0.0056)	NA	NA
Dibromomethane		550	ND(0.0060)	ND(0.0056)	NA	NA
Dichlorodifluoromethane		94	ND(0.0060)	ND(0.0056)	NA	NA
Ethyl Methacrylate		140	ND(0.0060)	ND(0.0056)	NA	NA
Ethylbenzene		230	ND(0.0060)	ND(0.0056)	NA	NA
Iodomethane		1.2	ND(0.0060) J	ND(0.0056) J	NA	NA
Isobutanol		10,000	ND(0.12) J	ND(0.11) J	NA	NA
Methacrylonitrile		1.8	ND(0.0060)	ND(0.0056)	NA	NA
Methyl Methacrylate		2,200	ND(0.0060)	ND(0.0056)	NA	NA
Methylene Chloride		8.5	ND(0.0060)	ND(0.0056)	NA	NA
Propionitrile		200	ND(0.012)	ND(0.011)	NA	NA
Styrene		1,700	ND(0.0060)	ND(0.0056)	NA	NA
Tetrachloroethene		4.7	ND(0.0060)	ND(0.0056)	NA	NA
Toluene		520	ND(0.0060)	ND(0.0056)	NA	NA
trans-1,2-Dichloroethene		62	ND(0.0060)	ND(0.0056)	NA	NA
trans-1,3-Dichloropropene		Not Listed	ND(0.0060)	ND(0.0056)	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0060)	ND(0.0056)	NA	NA
Trichloroethene		2.7	ND(0.0060)	ND(0.0056)	NA	NA
Trichlorofluoromethane		380	ND(0.0060)	ND(0.0056)	NA	NA
Vinyl Acetate		420	ND(0.0060)	ND(0.0056)	NA	NA
Vinyl Chloride		0.021	ND(0.0060)	ND(0.0056)	NA	NA
Xylenes (total)		210	ND(0.0060)	ND(0.0056)	NA	NA

**TABLE E-92
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-201 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-11-SB-2 0-1 06/24/03	I9-9-11-SB-2 1-3 06/24/03	I9-9-11-SB-2-E 1-3 10/11/05	I9-9-11-SB-2-S 1-3 10/11/05
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
1,2,4-Trichlorobenzene		480	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
1,2-Dichlorobenzene		370	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
1,2-Diphenylhydrazine		0.56	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
1,3,5-Trinitrobenzene		1,600	ND(0.40) J	ND(0.37) J	ND(3.9) J	ND(0.37) J
1,3-Dichlorobenzene		41	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
1,3-Dinitrobenzene		5.5	ND(0.80)	ND(0.75)	ND(3.9) J	ND(0.74) J
1,4-Dichlorobenzene		3	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
1,4-Naphthoquinone		55	ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
1-Naphthylamine		Not Listed	ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
2,3,4,6-Tetrachlorophenol		1,600	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37) J
2,4,5-Trichlorophenol		5,500	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
2,4,6-Trichlorophenol		40	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
2,4-Dichlorophenol		160	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
2,4-Dimethylphenol		1,100	ND(0.40)	ND(0.37)	ND(3.9) J	ND(0.37)
2,4-Dinitrophenol		110	ND(2.0) J	ND(1.9) J	ND(19) J	ND(1.9)
2,4-Dinitrotoluene		110	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
2,6-Dichlorophenol		160	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
2,6-Dinitrotoluene		55	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
2-Acetylaminofluorene		0.56	ND(0.80)	ND(0.75)	ND(3.9) J	ND(0.74) J
2-Chloronaphthalene		3,700	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
2-Chlorophenol		59	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
2-Methylnaphthalene		55	0.094 J	2.0	ND(3.9)	0.099 J
2-Methylphenol		2,700	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
2-Naphthylamine		Not Listed	ND(0.80)	ND(0.75)	ND(3.9) J	ND(0.74) J
2-Nitroaniline		3.3	ND(2.0)	ND(1.9)	ND(19) J	ND(1.9)
2-Nitrophenol		Not Listed	ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
2-Picoline		55	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
3&4-Methylphenol		270	ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
3,3'-Dichlorobenzidine		0.99	ND(0.80)	ND(0.75)	ND(7.8)	ND(0.74)
3,3'-Dimethylbenzidine		0.048	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
3-Methylcholanthrene		0.056	ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
3-Nitroaniline		5.5	ND(2.0)	ND(1.9)	ND(19)	ND(1.9)
4,6-Dinitro-2-methylphenol		55	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
4-Aminobiphenyl		1,400	ND(0.80)	ND(0.75)	ND(3.9) J	ND(0.74) J
4-Bromophenyl-phenylether		160	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
4-Chloro-3-Methylphenol		2,700	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
4-Chloroaniline		220	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
4-Chlorobenzilate		1.6	ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
4-Chlorophenyl-phenylether		Not Listed	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
4-Nitroaniline		5.5	ND(2.0)	ND(1.9)	ND(3.9)	ND(1.9)
4-Nitrophenol		3,400	ND(2.0) J	ND(1.9) J	ND(19)	ND(1.9)
4-Nitroquinoline-1-oxide		110	ND(0.80)	ND(0.75)	ND(3.9) J	ND(0.74) J
4-Phenylenediamine		10,000	ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
5-Nitro-o-toluidine		13	ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
a,a'-Dimethylphenethylamine		55	ND(0.80) J	ND(0.75) J	ND(3.9) J	ND(0.74) J
Acenaphthene		2,600	0.35 J	11	0.82 J	0.37
Acenaphthylene		55	ND(0.40)	0.32 J	ND(3.9)	0.13 J
Acetophenone		0.49	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Aniline		78	ND(0.40)	ND(0.37)	ND(3.9) J	ND(0.37)
Anthracene		14,000	0.57	22	3.1 J	0.74
Aramite		18	ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74) J
Benzidine		0.0019	ND(0.80)	ND(0.75)	ND(7.8) J	ND(0.74) J
Benzo(a)anthracene		0.56	0.78	42	5.6	1.9
Benzo(a)pyrene		0.056	0.52	32	4.0	1.3
Benzo(b)fluoranthene		0.56	0.51	32	3.3 J	1.0
Benzo(g,h,i)perylene		55	0.26 J	18	1.8 J	0.63

**TABLE E-92
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-201 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-11-SB-2 0-1 06/24/03	I9-9-11-SB-2 1-3 06/24/03	I9-9-11-SB-2-E 1-3 10/11/05	I9-9-11-SB-2-S 1-3 10/11/05
Benzo(k)fluoranthene		5.6	0.45	29	3.6 J	1.0
Benzyl Alcohol		16,000	ND(0.80)	ND(0.75)	ND(7.8)	ND(0.74)
Semivolatile Organics (continued)						
bis(2-Chloroethoxy)methane		Not Listed	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
bis(2-Chloroethyl)ether		0.18	ND(0.40) J	ND(0.37) J	ND(3.9)	ND(0.37)
bis(2-Chloroisopropyl)ether		2.5	ND(0.40)	ND(0.37)	ND(3.9) J	ND(0.37)
bis(2-Ethylhexyl)phthalate		32	ND(0.40)	ND(0.37)	ND(1.9)	ND(0.36)
Butylbenzylphthalate		930	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Chrysene		56	0.83	40	5.4	1.9
Diallate		7.3	ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
Dibenzo(a,h)anthracene		0.056	ND(0.40)	4.7	0.52 J	ND(0.37)
Dibenzofuran		210	0.22 J	6.0	0.61 J	0.20 J
Diethylphthalate		44,000	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Dimethylphthalate		100,000	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Di-n-Butylphthalate		5,500	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Di-n-Octylphthalate		1,100	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Diphenylamine		1,400	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Ethyl Methanesulfonate		Not Listed	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Fluoranthene		2,000	2.8	110	12	3.4
Fluorene		1,800	0.31 J	11	0.98 J	0.31 J
Hexachlorobenzene		0.28	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Hexachlorobutadiene		5.7	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Hexachlorocyclopentadiene		380	ND(0.40) J	ND(0.37) J	ND(3.9) J	ND(0.37) J
Hexachloroethane		32	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Hexachlorophene		16	ND(0.80) J	ND(0.75) J	ND(7.8) J	ND(0.74) J
Hexachloropropene		Not Listed	ND(0.40)	ND(0.37)	ND(3.9) J	ND(0.37)
Indeno(1,2,3-cd)pyrene		0.56	0.22 J	15	1.7 J	0.56
Isodrin		Not Listed	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Isophorone		470	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Isosafrole		Not Listed	ND(0.80)	ND(0.75)	ND(3.9) J	ND(0.74) J
Methapyrilene		55	ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74) J
Methyl Methanesulfonate		Not Listed	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Naphthalene		55	0.19 J	4.2	ND(3.9)	0.32 J
Nitrobenzene		16	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
N-Nitrosodiethylamine		0.003	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
N-Nitrosodimethylamine		0.0087	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
N-Nitroso-di-n-butylamine		0.022	ND(0.80) J	ND(0.75) J	ND(3.9)	ND(0.74)
N-Nitroso-di-n-propylamine		0.063	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
N-Nitrosodiphenylamine		91	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
N-Nitrosomethylethylamine		0.02	ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
N-Nitrosomorpholine		0.21	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
N-Nitrosopiperidine		0.21	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
N-Nitrosopyrrolidine		0.21	ND(0.80) J	ND(0.75) J	ND(3.9)	ND(0.74)
o,o,o-Triethylphosphorothioate		11	ND(0.40) J	ND(0.37) J	ND(3.9)	ND(0.37)
o-Toluidine		1.9	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
p-Dimethylaminoazobenzene		0.99	ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
Pentachlorobenzene		44	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Pentachloroethane		2.8	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Pentachloronitrobenzene		1.7	ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
Pentachlorophenol		2.5	ND(2.0)	ND(1.9)	ND(19)	ND(1.9)
Phenacetin		640	ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
Phenanthrene		55	2.8	90	10	2.8
Phenol		33,000	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Pronamide		4,100	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Pyrene		1,500	2.3	86	12	3.6
Pyridine		55	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Safrole		Not Listed	ND(0.40)	ND(0.37)	ND(3.9) J	ND(0.37) J
Thionazin		330	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)

**TABLE E-92
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-201 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-11-SB-2 0-1 06/24/03	I9-9-11-SB-2 1-3 06/24/03	I9-9-11-SB-2-E 1-3 10/11/05	I9-9-11-SB-2-S 1-3 10/11/05
Furans						
2,3,7,8-TCDF		Not Applicable	ND(0.000030) Y	ND(0.000021) Y	NA	NA
TCDFs (total)		Not Applicable	0.000037	0.000028	NA	NA
1,2,3,7,8-PeCDF		Not Applicable	ND(0.0000023)	ND(0.0000016)	NA	NA
2,3,4,7,8-PeCDF		Not Applicable	0.0000053	ND(0.0000017)	NA	NA
PeCDFs (total)		Not Applicable	0.000014	0.000024	NA	NA
1,2,3,4,7,8-HxCDF		Not Applicable	0.000032 I	0.000027 I	NA	NA
1,2,3,6,7,8-HxCDF		Not Applicable	0.0000043	0.0000045	NA	NA
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.0000016)	ND(0.0000019)	NA	NA
2,3,4,6,7,8-HxCDF		Not Applicable	0.0000034	0.0000034	NA	NA
HxCDFs (total)		Not Applicable	0.00010	0.00010	NA	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000054	ND(0.000073) X	NA	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.0000095	0.0000074	NA	NA
HpCDFs (total)		Not Applicable	0.000069	0.0000074	NA	NA
OCDF		Not Applicable	0.00031	0.00023	NA	NA
Dioxins						
2,3,7,8-TCDD		Not Applicable	ND(0.0000015)	ND(0.0000013)	NA	NA
TCDDs (total)		Not Applicable	ND(0.0000015)	ND(0.0000013)	NA	NA
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000032)	ND(0.0000024)	NA	NA
PeCDDs (total)		Not Applicable	ND(0.0000032)	ND(0.0000024)	NA	NA
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.0000017)	ND(0.0000017)	NA	NA
1,2,3,6,7,8-HxCDD		Not Applicable	ND(0.0000015)	ND(0.0000015)	NA	NA
1,2,3,7,8,9-HxCDD		Not Applicable	0.0000038	ND(0.0000015)	NA	NA
HxCDDs (total)		Not Applicable	0.0000038	ND(0.0000015)	NA	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000081	0.000092	NA	NA
HpCDDs (total)		Not Applicable	0.00014	0.00018	NA	NA
OCDD		Not Applicable	0.00064	0.00098	NA	NA
Total TEQs (WHO TEFs)		Not Applicable	0.000013	0.0000087	NA	NA
Inorganics						
Antimony		30	1.00 B	ND(6.00)	NA	NA
Arsenic		0.38	24.0	8.50	NA	NA
Barium		5,200	80.0	89.0	NA	NA
Beryllium		150	ND(0.500)	ND(0.500)	NA	NA
Cadmium		37	0.960 J	0.550 J	NA	NA
Chromium		210	30.0 J	11.0 J	NA	NA
Cobalt		3,300	5.80	6.10	NA	NA
Copper		2,800	55.0	36.0	NA	NA
Cyanide		11	0.200	0.110 B	NA	NA
Lead		400	1000 J	300 J	NA	NA
Mercury		22	0.280	0.140	NA	NA
Nickel		1,500	11.0	12.0	NA	NA
Selenium		370	0.930 J	ND(1.00) J	NA	NA
Silver		370	0.320 J	0.160 J	NA	NA
Sulfide		350	19.0 J	23.0 J	NA	NA
Thallium		6	ND(1.20)	ND(1.10)	NA	NA
Tin		45,000	9.20 B	13.0	NA	NA
Vanadium		520	9.20	8.50	NA	NA
Zinc		22,000	490	160	NA	NA

**TABLE E-92
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-201 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-11-SB-2-W 1-3 10/11/05	I9-9-11-SB-5 0-1 06/24/03	I9-9-11-SB-5 1-3 06/24/03
Volatile Organics					
1,1,1,2-Tetrachloroethane		2.8	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
1,1,1-Trichloroethane		680	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
1,1,2,2-Tetrachloroethane		0.36	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
1,1,2-Trichloroethane		0.82	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
1,1-Dichloroethane		570	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
1,1-Dichloroethene		0.052	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
1,2,3-Trichloropropane		0.0014	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
1,2-Dibromo-3-chloropropane		0.32	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
1,2-Dibromoethane		0.0049	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
1,2-Dichloroethane		0.34	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
1,2-Dichloropropane		0.34	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
1,4-Dioxane		40	NA	ND(0.11) J	ND(0.11) J [ND(0.11) J]
2-Butanone		6,900	NA	ND(0.011)	ND(0.011) [ND(0.011)]
2-Chloro-1,3-butadiene		3.6	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
2-Chloroethylvinylether		0.18	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
2-Hexanone		750	NA	ND(0.011)	ND(0.011) [ND(0.011)]
3-Chloropropane		2,700	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
4-Methyl-2-pentanone		750	NA	ND(0.011)	ND(0.011) [ND(0.011)]
Acetone		1,400	NA	ND(0.023)	ND(0.023) [ND(0.022)]
Acetonitrile		200	NA	ND(0.11) J	ND(0.11) J [ND(0.11) J]
Acrolein		0.1	NA	ND(0.11) J	ND(0.11) J [ND(0.11) J]
Acrylonitrile		0.19	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Benzene		0.62	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Bromodichloromethane		0.98	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Bromoform		56	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Bromomethane		3.8	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Carbon Disulfide		350	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Carbon Tetrachloride		0.23	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Chlorobenzene		54	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Chloroethane		1,600	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Chloroform		0.24	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Chloromethane		1.2	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
cis-1,3-Dichloropropene		Not Listed	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Dibromochloromethane		5.3	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Dibromomethane		550	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Dichlorodifluoromethane		94	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Ethyl Methacrylate		140	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Ethylbenzene		230	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Iodomethane		1.2	NA	ND(0.0057) J	ND(0.0057) J [ND(0.0056) J]
Isobutanol		10,000	NA	ND(0.11) J	ND(0.11) J [ND(0.11) J]
Methacrylonitrile		1.8	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Methyl Methacrylate		2,200	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Methylene Chloride		8.5	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Propionitrile		200	NA	ND(0.011)	ND(0.011) [ND(0.011)]
Styrene		1,700	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Tetrachloroethene		4.7	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Toluene		520	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
trans-1,2-Dichloroethene		62	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
trans-1,3-Dichloropropene		Not Listed	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
trans-1,4-Dichloro-2-butene		Not Listed	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Trichloroethene		2.7	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Trichlorofluoromethane		380	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Vinyl Acetate		420	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Vinyl Chloride		0.021	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Xylenes (total)		210	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]

**TABLE E-92
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-201 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-11-SB-2-W 1-3 10/11/05	I9-9-11-SB-5 0-1 06/24/03	I9-9-11-SB-5 1-3 06/24/03
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		16	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
1,2,4-Trichlorobenzene		480	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
1,2-Dichlorobenzene		370	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
1,2-Diphenylhydrazine		0.56	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
1,3,5-Trinitrobenzene		1,600	ND(0.39) J	ND(0.38) J	ND(0.38) J [ND(0.37) J]
1,3-Dichlorobenzene		41	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
1,3-Dinitrobenzene		5.5	ND(0.79) J	ND(0.77)	ND(0.77) [ND(0.75)]
1,4-Dichlorobenzene		3	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
1,4-Naphthoquinone		55	ND(0.79)	ND(0.77)	ND(0.77) [0.23 J]
1-Naphthylamine		Not Listed	ND(0.79)	ND(0.77)	ND(0.77) [ND(0.75)]
2,3,4,6-Tetrachlorophenol		1,600	ND(0.39) J	ND(0.38)	ND(0.38) [ND(0.37)]
2,4,5-Trichlorophenol		5,500	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
2,4,6-Trichlorophenol		40	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
2,4-Dichlorophenol		160	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
2,4-Dimethylphenol		1,100	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
2,4-Dinitrophenol		110	ND(2.0)	ND(2.0) J	ND(1.9) J [ND(1.9) J]
2,4-Dinitrotoluene		110	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
2,6-Dichlorophenol		160	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
2,6-Dinitrotoluene		55	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
2-Acetylaminofluorene		0.56	ND(0.79) J	ND(0.77)	ND(0.77) [ND(0.75)]
2-Chloronaphthalene		3,700	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
2-Chlorophenol		59	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
2-Methylnaphthalene		55	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
2-Methylphenol		2,700	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
2-Naphthylamine		Not Listed	ND(0.79) J	ND(0.77)	ND(0.77) [ND(0.75)]
2-Nitroaniline		3.3	ND(2.0)	ND(2.0)	ND(1.9) [ND(1.9)]
2-Nitrophenol		Not Listed	ND(0.79)	ND(0.77)	ND(0.77) [ND(0.75)]
2-Picoline		55	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
3&4-Methylphenol		270	ND(0.79)	ND(0.77)	ND(0.77) [ND(0.75)]
3,3'-Dichlorobenzidine		0.99	ND(0.79)	ND(0.77)	ND(0.77) [ND(0.75)]
3,3'-Dimethylbenzidine		0.048	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
3-Methylcholanthrene		0.056	ND(0.79)	ND(0.77)	ND(0.77) [ND(0.75)]
3-Nitroaniline		5.5	ND(2.0)	ND(2.0)	ND(1.9) [ND(1.9)]
4,6-Dinitro-2-methylphenol		55	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
4-Aminobiphenyl		1,400	ND(0.79) J	ND(0.77)	ND(0.77) [ND(0.75)]
4-Bromophenyl-phenylether		160	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
4-Chloro-3-Methylphenol		2,700	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
4-Chloroaniline		220	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
4-Chlorobenzilate		1.6	ND(0.79)	ND(0.77)	ND(0.77) [ND(0.75)]
4-Chlorophenyl-phenylether		Not Listed	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
4-Nitroaniline		5.5	ND(2.0)	ND(2.0)	ND(1.9) [ND(1.9)]
4-Nitrophenol		3,400	ND(2.0)	ND(2.0) J	ND(1.9) J [ND(1.9) J]
4-Nitroquinoline-1-oxide		110	ND(0.79) J	ND(0.77)	ND(0.77) [ND(0.75)]
4-Phenylenediamine		10,000	ND(0.79)	ND(0.77)	ND(0.77) [ND(0.75)]
5-Nitro-o-toluidine		13	ND(0.79)	ND(0.77)	ND(0.77) [ND(0.75)]
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.79)	ND(0.77)	ND(0.77) [ND(0.75)]
a,a'-Dimethylphenethylamine		55	ND(0.79) J	ND(0.77) J	ND(0.77) J [ND(0.75) J]
Acenaphthene		2,600	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Acenaphthylene		55	ND(0.39)	0.41	0.24 J [0.098 J]
Acetophenone		0.49	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Aniline		78	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Anthracene		14,000	ND(0.39)	0.70	ND(0.38) [0.10 J]
Aramite		18	ND(0.79) J	ND(0.77)	ND(0.77) [ND(0.75)]
Benzidine		0.0019	ND(0.79) J	ND(0.77)	ND(0.77) [ND(0.75)]
Benzo(a)anthracene		0.56	0.077 J	3.2	1.3 J [0.45 J]
Benzo(a)pyrene		0.056	0.070 J	3.0	1.2 J [0.44 J]
Benzo(b)fluoranthene		0.56	0.073 J	2.2	0.96 J [0.34 J]
Benzo(g,h,i)perylene		55	0.059 J	2.2	0.92 J [0.34 J]

**TABLE E-92
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-201 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-11-SB-2-W 1-3 10/11/05	I9-9-11-SB-5 0-1 06/24/03	I9-9-11-SB-5 1-3 06/24/03
Benzo(k)fluoranthene		5.6	0.070 J	2.7	1.1 J [0.34 J]
Benzyl Alcohol		16,000	ND(0.79)	ND(0.77)	ND(0.77) [ND(0.75)]
Semivolatile Organics (continued)					
bis(2-Chloroethoxy)methane		Not Listed	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
bis(2-Chloroethyl)ether		0.18	ND(0.39)	ND(0.38) J	ND(0.38) J [ND(0.37) J]
bis(2-Chloroisopropyl)ether		2.5	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
bis(2-Ethylhexyl)phthalate		32	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Butylbenzylphthalate		930	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Chrysene		56	0.11 J	3.0	1.2 J [0.45 J]
Diallate		7.3	ND(0.79)	ND(0.77)	ND(0.77) [ND(0.75)]
Dibenzo(a,h)anthracene		0.056	ND(0.39)	0.41	0.20 J [ND(0.37)]
Dibenzofuran		210	ND(0.39)	ND(0.38)	0.087 J [ND(0.37)]
Diethylphthalate		44,000	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Dimethylphthalate		100,000	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Di-n-Butylphthalate		5,500	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Di-n-Octylphthalate		1,100	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Diphenylamine		1,400	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Ethyl Methanesulfonate		Not Listed	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Fluoranthene		2,000	0.12 J	7.1	2.8 J [0.82 J]
Fluorene		1,800	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Hexachlorobenzene		0.28	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Hexachlorobutadiene		5.7	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Hexachlorocyclopentadiene		380	ND(0.39) J	ND(0.38) J	ND(0.38) J [ND(0.37) J]
Hexachloroethane		32	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Hexachlorophene		16	ND(0.79) J	ND(0.77) J	ND(0.77) J [ND(0.75) J]
Hexachloropropene		Not Listed	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Indeno(1,2,3-cd)pyrene		0.56	0.051 J	1.7	0.73 J [0.26 J]
Isodrin		Not Listed	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Isophorone		470	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Isosafrole		Not Listed	ND(0.79) J	ND(0.77)	ND(0.77) [ND(0.75)]
Methapyrilene		55	ND(0.79) J	ND(0.77)	ND(0.77) [ND(0.75)]
Methyl Methanesulfonate		Not Listed	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Naphthalene		55	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Nitrobenzene		16	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
N-Nitrosodiethylamine		0.003	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
N-Nitrosodimethylamine		0.0087	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
N-Nitroso-di-n-butylamine		0.022	ND(0.79)	ND(0.77) J	ND(0.77) J [ND(0.75) J]
N-Nitroso-di-n-propylamine		0.063	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
N-Nitrosodiphenylamine		91	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
N-Nitrosomethylethylamine		0.02	ND(0.79)	ND(0.77)	ND(0.77) [ND(0.75)]
N-Nitrosomorpholine		0.21	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
N-Nitrosopiperidine		0.21	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
N-Nitrosopyrrolidine		0.21	ND(0.79)	ND(0.77) J	ND(0.77) J [ND(0.75) J]
o,o,o-Triethylphosphorothioate		11	ND(0.39)	ND(0.38) J	ND(0.38) J [ND(0.37) J]
o-Toluidine		1.9	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
p-Dimethylaminoazobenzene		0.99	ND(0.79)	ND(0.77)	ND(0.77) [ND(0.75)]
Pentachlorobenzene		44	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Pentachloroethane		2.8	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Pentachloronitrobenzene		1.7	ND(0.79)	ND(0.77)	ND(0.77) [ND(0.75)]
Pentachlorophenol		2.5	ND(2.0)	ND(2.0)	ND(1.9) [ND(1.9)]
Phenacetin		640	ND(0.79)	ND(0.77)	ND(0.77) [ND(0.75)]
Phenanthrene		55	0.064 J	2.5	1.3 J [0.30 J]
Phenol		33,000	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Pronamide		4,100	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Pyrene		1,500	0.14 J	11	3.2 J [1.1 J]
Pyridine		55	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Safrole		Not Listed	ND(0.39) J	ND(0.38)	ND(0.38) [ND(0.37)]
Thionazin		330	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]

**TABLE E-92
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-201 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-11-SB-2-W 1-3 10/11/05	I9-9-11-SB-5 0-1 06/24/03	I9-9-11-SB-5 1-3 06/24/03
Furans					
2,3,7,8-TCDF		Not Applicable	NA	ND(0.000012) Y	ND(0.000018) Y [ND(0.000023) Y]
TCDFs (total)		Not Applicable	NA	0.000036	0.000034 [0.000032]
1,2,3,7,8-PeCDF		Not Applicable	NA	0.000024	0.000033 [0.000032]
2,3,4,7,8-PeCDF		Not Applicable	NA	0.000015	0.000025 [ND(0.000016)]
PeCDFs (total)		Not Applicable	NA	0.00019	0.000059 J [0.000015 J]
1,2,3,4,7,8-HxCDF		Not Applicable	NA	0.00014 I	0.000035 I [ND(0.000040) X]
1,2,3,6,7,8-HxCDF		Not Applicable	NA	0.000066	0.000085 [0.000054]
1,2,3,7,8,9-HxCDF		Not Applicable	NA	ND(0.000013) X	ND(0.000011) [ND(0.0000097)]
2,3,4,6,7,8-HxCDF		Not Applicable	NA	0.000019	ND(0.000032) X [0.000041]
HxCDFs (total)		Not Applicable	NA	0.00049	0.00012 [0.00010]
1,2,3,4,6,7,8-HpCDF		Not Applicable	NA	0.00075	0.00012 [0.00013]
1,2,3,4,7,8,9-HpCDF		Not Applicable	NA	0.00020	0.000025 [0.000018]
HpCDFs (total)		Not Applicable	NA	0.0011	0.00016 [0.00015]
OCDF		Not Applicable	NA	0.011	0.0011 [0.00099]
Dioxins					
2,3,7,8-TCDD		Not Applicable	NA	ND(0.000012)	ND(0.000011) [ND(0.000010)]
TCDDs (total)		Not Applicable	NA	ND(0.000012)	ND(0.000011) [ND(0.000010)]
1,2,3,7,8-PeCDD		Not Applicable	NA	ND(0.000020)	ND(0.000020) [ND(0.000018)]
PeCDDs (total)		Not Applicable	NA	ND(0.000020)	ND(0.000020) [ND(0.000018)]
1,2,3,4,7,8-HxCDD		Not Applicable	NA	ND(0.000019)	ND(0.000015) [ND(0.000012)]
1,2,3,6,7,8-HxCDD		Not Applicable	NA	0.000013	0.0000084 [0.000013]
1,2,3,7,8,9-HxCDD		Not Applicable	NA	0.000060	ND(0.000013) [0.000051]
HxCDDs (total)		Not Applicable	NA	0.000052	0.0000084 J [0.000018 J]
1,2,3,4,6,7,8-HpCDD		Not Applicable	NA	0.00050	0.00052 [0.00084]
HpCDDs (total)		Not Applicable	NA	0.00077	0.00078 [0.0012]
OCDD		Not Applicable	NA	0.0074	0.0093 [0.015]
Total TEQs (WHO TEFs)		Not Applicable	NA	0.000052	0.000017 [0.000019]
Inorganics					
Antimony		30	NA	ND(6.00)	3.70 B [ND(6.00)]
Arsenic		0.38	NA	5.70	4.20 [5.50]
Barium		5,200	NA	78.0	75.0 [60.0]
Beryllium		150	NA	ND(0.500)	ND(0.500) [ND(0.500)]
Cadmium		37	NA	0.450 J	0.950 J [0.240 J]
Chromium		210	NA	10.0 J	42.0 J [9.60 J]
Cobalt		3,300	NA	6.10	7.50 [6.30]
Copper		2,800	NA	36.0	20.0 [18.0]
Cyanide		11	NA	0.280	0.230 [0.200 B]
Lead		400	NA	89.0 J	220 J [44.0 J]
Mercury		22	NA	0.0790 B	0.0320 B [0.0400 B]
Nickel		1,500	NA	12.0	12.0 [12.0]
Selenium		370	NA	0.930 J	ND(1.00) J [ND(1.00) J]
Silver		370	NA	ND(1.00) J	ND(1.00) J [ND(1.00) J]
Sulfide		350	NA	280 J	16.0 J [60.0 J]
Thallium		6	NA	ND(1.10)	ND(1.10) [ND(1.10)]
Tin		45,000	NA	4.50 B	4.10 B [3.90 B]
Vanadium		520	NA	7.60	7.40 [8.10]
Zinc		22,000	NA	450	170 [140]

**TABLE E-92
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-201 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-101-SB-2 0-1 06/24/03	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
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
1,1,1-Trichloroethane		680	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
1,1,2-Trichloroethane		0.82	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
1,1-Dichloroethane		570	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
1,1-Dichloroethene		0.052	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
1,2,3-Trichloropropane		0.0014	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
1,2-Dibromoethane		0.0049	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
1,2-Dichloroethane		0.34	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
1,2-Dichloropropane		0.34	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
1,4-Dioxane		40	ND(0.11) J	ND(0.11) J	ND(0.12) J	ND(0.11) J
2-Butanone		6,900	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)
2-Chloro-1,3-butadiene		3.6	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
2-Chloroethylvinylether		0.18	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
2-Hexanone		750	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)
3-Chloropropane		2,700	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
4-Methyl-2-pentanone		750	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)
Acetone		1,400	ND(0.022)	ND(0.022)	ND(0.024)	ND(0.023)
Acetonitrile		200	ND(0.11) J	ND(0.11) J	ND(0.12) J	ND(0.11) J
Acrolein		0.1	ND(0.11) J	ND(0.11) J	ND(0.12) J	ND(0.11) J
Acrylonitrile		0.19	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Benzene		0.62	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Bromodichloromethane		0.98	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Bromoform		56	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Bromomethane		3.8	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Carbon Disulfide		350	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Carbon Tetrachloride		0.23	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Chlorobenzene		54	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Chloroethane		1,600	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Chloroform		0.24	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Chloromethane		1.2	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
cis-1,3-Dichloropropene		Not Listed	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Dibromochloromethane		5.3	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Dibromomethane		550	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Dichlorodifluoromethane		94	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Ethyl Methacrylate		140	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Ethylbenzene		230	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Iodomethane		1.2	ND(0.0056) J	ND(0.0055) J	ND(0.0061) J	ND(0.0057) J
Isobutanol		10,000	ND(0.11) J	ND(0.11) J	ND(0.12) J	ND(0.11) J
Methacrylonitrile		1.8	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Methyl Methacrylate		2,200	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Methylene Chloride		8.5	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Propionitrile		200	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)
Styrene		1,700	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Tetrachloroethene		4.7	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Toluene		520	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
trans-1,2-Dichloroethene		62	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
trans-1,3-Dichloropropene		Not Listed	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Trichloroethene		2.7	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Trichlorofluoromethane		380	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Vinyl Acetate		420	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Vinyl Chloride		0.021	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Xylenes (total)		210	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)

**TABLE E-92
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-201 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-101-SB-2 0-1 06/24/03	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
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
1,2,4-Trichlorobenzene		480	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
1,2-Dichlorobenzene		370	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
1,2-Diphenylhydrazine		0.56	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
1,3,5-Trinitrobenzene		1,600	ND(0.37) J	ND(0.36) J	ND(0.41) J	ND(0.38) J
1,3-Dichlorobenzene		41	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
1,3-Dinitrobenzene		5.5	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
1,4-Dichlorobenzene		3	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
1,4-Naphthoquinone		55	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
1-Naphthylamine		Not Listed	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
2,3,4,6-Tetrachlorophenol		1,600	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
2,4,5-Trichlorophenol		5,500	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
2,4,6-Trichlorophenol		40	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
2,4-Dichlorophenol		160	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
2,4-Dimethylphenol		1,100	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
2,4-Dinitrophenol		110	ND(1.9) J	ND(1.9) J	ND(2.1) J	ND(1.9) J
2,4-Dinitrotoluene		110	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
2,6-Dichlorophenol		160	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
2,6-Dinitrotoluene		55	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
2-Acetylaminofluorene		0.56	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
2-Chloronaphthalene		3,700	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
2-Chlorophenol		59	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
2-Methylnaphthalene		55	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
2-Methylphenol		2,700	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
2-Naphthylamine		Not Listed	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
2-Nitroaniline		3.3	ND(1.9)	ND(1.9)	ND(2.1)	ND(1.9)
2-Nitrophenol		Not Listed	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
2-Picoline		55	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
3&4-Methylphenol		270	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
3,3'-Dichlorobenzidine		0.99	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
3,3'-Dimethylbenzidine		0.048	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
3-Methylcholanthrene		0.056	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
3-Nitroaniline		5.5	ND(1.9)	ND(1.9)	ND(2.1)	ND(1.9)
4,6-Dinitro-2-methylphenol		55	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
4-Aminobiphenyl		1,400	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
4-Bromophenyl-phenylether		160	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
4-Chloro-3-Methylphenol		2,700	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
4-Chloroaniline		220	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
4-Chlorobenzilate		1.6	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
4-Chlorophenyl-phenylether		Not Listed	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
4-Nitroaniline		5.5	ND(1.9)	ND(1.9)	ND(2.1)	ND(1.9)
4-Nitrophenol		3,400	ND(1.9) J	ND(1.9) J	ND(2.1) J	ND(1.9) J
4-Nitroquinoline-1-oxide		110	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
4-Phenylenediamine		10,000	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
5-Nitro-o-toluidine		13	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
a,a'-Dimethylphenethylamine		55	ND(0.75) J	ND(0.73) J	ND(0.82) J	ND(0.76) J
Acenaphthene		2,600	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Acenaphthylene		55	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Acetophenone		0.49	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Aniline		78	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Anthracene		14,000	ND(0.37)	ND(0.36)	0.16 J	ND(0.38)
Aramite		18	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
Benzidine		0.0019	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
Benzo(a)anthracene		0.56	0.17 J	0.16 J	0.54	ND(0.38)
Benzo(a)pyrene		0.056	0.17 J	0.10 J	0.46	ND(0.38)
Benzo(b)fluoranthene		0.56	0.14 J	ND(0.36)	0.38 J	ND(0.38)
Benzo(g,h,i)perylene		55	ND(0.37)	ND(0.36)	0.32 J	ND(0.38)

**TABLE E-92
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-201 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-101-SB-2 0-1 06/24/03	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
Benzo(k)fluoranthene		5.6	0.15 J	ND(0.36)	0.45	ND(0.38)
Benzyl Alcohol		16,000	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
Semivolatile Organics (continued)						
bis(2-Chloroethoxy)methane		Not Listed	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
bis(2-Chloroethyl)ether		0.18	ND(0.37) J	ND(0.36) J	ND(0.41) J	ND(0.38) J
bis(2-Chloroisopropyl)ether		2.5	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
bis(2-Ethylhexyl)phthalate		32	ND(0.37)	ND(0.36)	ND(0.40)	ND(0.37)
Butylbenzylphthalate		930	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Chrysene		56	0.18 J	0.16 J	0.53	ND(0.38)
Diallate		7.3	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
Dibenzo(a,h)anthracene		0.056	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Dibenzofuran		210	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Diethylphthalate		44,000	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Dimethylphthalate		100,000	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Di-n-Butylphthalate		5,500	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Di-n-Octylphthalate		1,100	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Diphenylamine		1,400	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Ethyl Methanesulfonate		Not Listed	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Fluoranthene		2,000	0.35 J	0.33 J	1.1	0.11 J
Fluorene		1,800	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Hexachlorobenzene		0.28	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Hexachlorobutadiene		5.7	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Hexachlorocyclopentadiene		380	ND(0.37) J	ND(0.36) J	ND(0.41) J	ND(0.38) J
Hexachloroethane		32	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Hexachlorophene		16	ND(0.75) J	ND(0.73) J	ND(0.82) J	ND(0.76) J
Hexachloropropene		Not Listed	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Indeno(1,2,3-cd)pyrene		0.56	ND(0.37)	0.074 J	0.23 J	ND(0.38)
Isodrin		Not Listed	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Isophorone		470	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Isosafrole		Not Listed	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
Methapyrilene		55	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
Methyl Methanesulfonate		Not Listed	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Naphthalene		55	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Nitrobenzene		16	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
N-Nitrosodiethylamine		0.003	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
N-Nitrosodimethylamine		0.0087	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
N-Nitroso-di-n-butylamine		0.022	ND(0.75) J	ND(0.73) J	ND(0.82) J	ND(0.76) J
N-Nitroso-di-n-propylamine		0.063	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
N-Nitrosodiphenylamine		91	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
N-Nitrosomethylethylamine		0.02	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
N-Nitrosomorpholine		0.21	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
N-Nitrosopiperidine		0.21	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
N-Nitrosopyrrolidine		0.21	ND(0.75) J	ND(0.73) J	ND(0.82) J	ND(0.76) J
o,o,o-Triethylphosphorothioate		11	ND(0.37) J	ND(0.36) J	ND(0.41) J	ND(0.38) J
o-Toluidine		1.9	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
p-Dimethylaminoazobenzene		0.99	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
Pentachlorobenzene		44	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Pentachloroethane		2.8	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Pentachloronitrobenzene		1.7	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
Pentachlorophenol		2.5	ND(1.9)	ND(1.9)	ND(2.1)	ND(1.9)
Phenacetin		640	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
Phenanthrene		55	0.17 J	0.18 J	0.65	ND(0.38)
Phenol		33,000	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Pronamide		4,100	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Pyrene		1,500	0.34 J	0.28 J	1.0	0.10 J
Pyridine		55	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Safrole		Not Listed	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Thionazin		330	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)

**TABLE E-92
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-201 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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): Date Collected:	EPA Region 9 Residential PRGs	I9-9-101-SB-2 0-1 06/24/03	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
Furans					
2,3,7,8-TCDF	Not Applicable	ND(0.000018) Y	ND(0.000027) Y	ND(0.0000015)	ND(0.0000020)
TCDFs (total)	Not Applicable	0.0000043	0.000015	ND(0.0000015)	ND(0.0000020)
1,2,3,7,8-PeCDF	Not Applicable	0.0000037	0.0000073	ND(0.0000012)	0.0000034
2,3,4,7,8-PeCDF	Not Applicable	ND(0.0000013)	0.0000044	ND(0.0000012)	ND(0.0000015)
PeCDFs (total)	Not Applicable	0.0000037	0.000037	ND(0.0000012)	0.000025
1,2,3,4,7,8-HxCDF	Not Applicable	0.000015 I	0.000030 I	0.000011 I	0.000018 I
1,2,3,6,7,8-HxCDF	Not Applicable	0.0000041	0.0000088	ND(0.0000030) X	0.0000047
1,2,3,7,8,9-HxCDF	Not Applicable	ND(0.0000011)	0.0000023	ND(0.0000011)	ND(0.0000015)
2,3,4,6,7,8-HxCDF	Not Applicable	0.0000026	0.0000029	ND(0.0000094)	0.0000017
HxCDFs (total)	Not Applicable	0.000027	0.00010	0.000011	0.000050
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.000031	0.000089	0.000027	0.000059
1,2,3,4,7,8,9-HpCDF	Not Applicable	0.0000092	0.000023	0.0000052	0.000015
HpCDFs (total)	Not Applicable	0.000057	0.00013	0.000032	0.000084
OCDF	Not Applicable	0.00024	0.0010	0.00017	0.00058
Dioxins					
2,3,7,8-TCDD	Not Applicable	ND(0.0000011)	ND(0.0000012)	ND(0.0000011)	ND(0.0000012)
TCDDs (total)	Not Applicable	ND(0.0000011)	ND(0.0000012)	ND(0.0000011)	ND(0.0000012)
1,2,3,7,8-PeCDD	Not Applicable	ND(0.0000024)	ND(0.0000019)	ND(0.0000018)	ND(0.0000023)
PeCDDs (total)	Not Applicable	ND(0.0000024)	ND(0.0000019)	ND(0.0000018)	ND(0.0000023)
1,2,3,4,7,8-HxCDD	Not Applicable	ND(0.0000013)	ND(0.0000015)	ND(0.0000015)	ND(0.0000013)
1,2,3,6,7,8-HxCDD	Not Applicable	ND(0.0000012)	ND(0.0000014)	ND(0.0000014)	0.0000016
1,2,3,7,8,9-HxCDD	Not Applicable	ND(0.0000012)	ND(0.0000014)	ND(0.0000014)	ND(0.0000012)
HxCDDs (total)	Not Applicable	ND(0.0000012)	ND(0.0000014)	ND(0.0000014)	0.0000016
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.000012	0.000026	0.000033	0.000026
HpCDDs (total)	Not Applicable	0.000023	0.000026	0.000033	0.000045
OCDD	Not Applicable	0.000078	0.00021	0.00023	0.00016
Total TEQs (WHO TEFs)	Not Applicable	0.0000061	0.000012	0.0000041	0.0000063
Inorganics					
Antimony	30	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	0.38	6.60	6.60	6.00	3.60
Barium	5,200	27.0	25.0	68.0	46.0
Beryllium	150	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
Cadmium	37	0.220 J	0.230 J	0.480 J	0.170 J
Chromium	210	8.10 J	6.80 J	8.00 J	7.80 J
Cobalt	3,300	9.70	8.50	7.10	8.10
Copper	2,800	29.0	27.0	32.0	19.0
Cyanide	11	ND(0.13)	ND(0.11)	0.210	ND(0.11)
Lead	400	100 J	76.0 J	93.0 J	37.0 J
Mercury	22	0.0680 B	0.0770 B	0.190	0.120
Nickel	1,500	17.0	17.0	11.0	14.0
Selenium	370	0.910 J	0.890 J	0.950 J	0.740 J
Silver	370	ND(1.00) J	0.120 J	ND(1.00) J	0.120 J
Sulfide	350	27.0 J	ND(5.50) J	7.80 J	9.10 J
Thallium	6	ND(1.10)	ND(1.10)	ND(1.20)	ND(1.10)
Tin	45,000	4.40 B	5.00 B	7.00 B	5.30 B
Vanadium	520	8.80	8.20	8.40	8.10
Zinc	22,000	82.0	67.0	120	63.0

**TABLE E-92
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-201 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
6. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- J - Estimated Value.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- 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 - Estimated Value.

**TABLE E-93
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
PARCEL I9-9-201 (FORMERLY I9-9-11 & I9-9-101) (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS**

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
Acetone	0.015	1,400	No
Semivolatile Organics			
1,4-Naphthoquinone	0.23	55*	No
2-Methylnaphthalene	2	55*	No
Acenaphthene	11	2,600	No
Acenaphthylene	0.41	55*	No
Anthracene	22	14,000	No
Benzo(a)anthracene	42	0.56	Yes
Benzo(a)pyrene	32	0.056	Yes
Benzo(b)fluoranthene	32	0.56	Yes
Benzo(g,h,i)perylene	18	55*	No
Benzo(k)fluoranthene	29	5.6	Yes
Chrysene	40	56	No
Dibenzo(a,h)anthracene	4.7	0.056	Yes
Dibenzofuran	6	210	No
Fluoranthene	110	2,000	No
Fluorene	11	1,800	No
Indeno(1,2,3-cd)pyrene	15	0.56	Yes
Naphthalene	4.2	55	No
Phenanthrene	90	55*	Yes
Pyrene	86	1,500	No
Inorganics			
Antimony	3.7	30	No
Arsenic	24	0.38	Yes
Barium	89	5,200	No
Cadmium	0.96	37	No
Chromium	42	210	No
Cobalt	9.7	3,300	No
Copper	55	2,800	No
Cyanide	0.28	11*	No
Lead	1,000	400	Yes
Mercury	0.28	22	No
Nickel	17	1,500	No
Selenium	0.95	370	No
Silver	0.32	370	No
Sulfide	280	350*	No
Tin	13	45,000	No
Vanadium	9.2	520	No
Zinc	490	22,000	No

- Notes:**
1. PRG = Preliminary Remediation Goal.
 2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
 3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
 4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 1,4-naphthoquinone, 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
 5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-94
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-201 (FORMERLY I9-9-11 & I9-9-101): 0- TO 1-FOOT DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-11-SB-2 0-1 06/24/03	I9-9-11-SB-5 0-1 06/24/03	I9-9-101-SB-2 0-1 06/24/03	I9-9-101-SB-5 0-1 06/24/03
Semivolatile Organics				
Benzo(a)anthracene	0.78	3.2	0.17	0.54
Benzo(a)pyrene	0.52	3.0	0.17	0.46
Benzo(b)fluoranthene	0.51	2.2	0.14	0.38
Benzo(k)fluoranthene	0.45	2.7	0.15	0.45
Dibenzo(a,h)anthracene	0.20	0.41	0.19	0.21
Indeno(1,2,3-cd)pyrene	0.22	1.7	0.19	0.23
Phenanthrene	2.8	2.5	0.17	0.65
Dioxins/Furans				
Total TEQs (WHO TEFs)	1.30E-05	5.20E-05	6.10E-06	4.10E-06
Inorganics				
Arsenic	24.0	5.70	6.60	6.00
Lead	1,000	89.0	100	93.0

	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 5)	1.2	7	No
Benzo(a)pyrene	N/A (See Note 5)	1.0	2	No
Benzo(b)fluoranthene	N/A (See Note 5)	0.81	7	No
Benzo(k)fluoranthene	N/A (See Note 5)	0.94	70	No
Dibenzo(a,h)anthracene	N/A (See Note 5)	0.25	0.7	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 5)	0.59	7	No
Phenanthrene	N/A (See Note 5)	1.53	500	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	5.20E-05	N/A (See Note 5)	1.00E-03	No
Inorganics				
Arsenic	N/A (See Note 5)	10.6	20	No
Lead	N/A (See Note 5)	321	300	Yes

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-95
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-201 (FORMERLY I9-9-11 & I9-9-101): 0- TO 3-FOOT DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID:	I9-9-11-SB-2	I9-9-11-SB-5	I9-9-101-SB-2	I9-9-101-SB-5	I9-9-11-SB-2	I9-9-11-SB-2-E
Sample Depth(Feet):	0-1	0-1	0-1	0-1	1-3	1-3
Date Collected:	06/24/03	06/24/03	06/24/03	06/24/03	06/24/03	10/11/05
Semivolatile Organics						
Benzo(a)anthracene	0.78	3.2	0.17	0.54	42	5.6
Benzo(a)pyrene	0.52	3.0	0.17	0.46	32	4.0
Benzo(b)fluoranthene	0.51	2.2	0.14	0.38	32	3.3
Benzo(k)fluoranthene	0.45	2.7	0.15	0.45	29	3.6
Dibenzo(a,h)anthracene	0.20	0.41	0.19	0.21	4.7	0.52
Indeno(1,2,3-cd)pyrene	0.22	1.7	0.19	0.23	15	1.7
Phenanthrene	2.8	2.5	0.17	0.65	90	10
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.30E-05	5.20E-05	6.10E-06	4.10E-06	8.70E-06	--
Inorganics						
Arsenic	24.0	5.70	6.60	6.00	8.50	--
Lead	1,000	89.0	100	93.0	300	--

Sample ID:	I9-9-11-SB-2-S	I9-9-11-SB-2-W	COMP-I9-9-11-SB-2	I9-9-11-SB-5	I9-9-101-SB-2	I9-9-101-SB-5
Sample Depth(Feet):	1-3	1-3	1-3	1-3	1-3	1-3
Date Collected:	10/11/05	10/11/05	(See Note 1)	06/24/03	06/24/03	06/24/03
Semivolatile Organics						
Benzo(a)anthracene	1.9	0.077	12	0.88	0.16	0.19
Benzo(a)pyrene	1.3	0.070	9.3	0.82	0.10	0.19
Benzo(b)fluoranthene	1.0	0.073	9.1	0.65	0.18	0.19
Benzo(k)fluoranthene	1.0	0.070	8.4	0.72	0.18	0.19
Dibenzo(a,h)anthracene	0.185	0.195	1.4	0.19	0.18	0.19
Indeno(1,2,3-cd)pyrene	0.56	0.051	4.3	0.50	0.074	0.19
Phenanthrene	2.8	0.064	26	0.80	0.18	0.19
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	--	1.90E-05	1.20E-05	6.30E-06
Inorganics						
Arsenic	--	--	--	4.85	6.60	3.60
Lead	--	--	--	132	76.0	37.0

See Notes on Page 2

TABLE E-95
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-201 (FORMERLY I9-9-11 & I9-9-101): 0- TO 3-FOOT DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 6)	2.3	7	No
Benzo(a)pyrene	N/A (See Note 6)	1.8	2	No
Benzo(b)fluoranthene	N/A (See Note 6)	1.7	7	No
Benzo(k)fluoranthene	N/A (See Note 6)	1.7	70	No
Dibenzo(a,h)anthracene	N/A (See Note 6)	0.37	0.7	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 6)	0.93	7	No
Phenanthrene	N/A (See Note 6)	4.1	500	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	5.20E-05	N/A (See Note 6)	1.00E-03	No
Inorganics				
Arsenic	N/A (See Note 6)	8.23	20	No
Lead	N/A (See Note 6)	228	300	No

Notes:

- The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): I9-9-11-SB-2 (1-3'; 6/24/03), I9-9-11-SB-2-E (1-3'; 10/11/05), I9-9-11-SB-2-S (1-3'; 10/11/05), and I9-9-11-SB-2-W (1-3'; 10/11/05).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQ concentrations in italics represent the maximum value for the sample location/depth in question.
- = Constituent not subject to analysis.

TABLE E-95A

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

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TABLE E-96
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-201 (FORMERLY I9-9-11 & I9-9-101): 0- TO 3-FOOT DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-11-SB-2 0-1 06/24/03	I9-9-11-SB-5 0-1 06/24/03	I9-9-101-SB-2 0-1 06/24/03	I9-9-101-SB-5 0-1 06/24/03	I9-9-11-SB-2 1-3 06/24/03	I9-9-11-SB-2-E 1-3 10/11/05
Semivolatile Organics						
Benzo(a)anthracene	0.78	3.2	0.17	0.54	0.198	5.6
Benzo(a)pyrene	0.52	3.0	0.17	0.46	0.198	4.0
Benzo(b)fluoranthene	0.51	2.2	0.14	0.38	0.198	3.3
Benzo(k)fluoranthene	0.45	2.7	0.15	0.45	0.198	3.6
Dibenzo(a,h)anthracene	0.20	0.41	0.19	0.21	0.256	0.52
Indeno(1,2,3-cd)pyrene	0.22	1.7	0.19	0.23	0.256	1.7
Phenanthrene	2.8	2.5	0.17	0.65	0.256	10
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.30E-05	5.20E-05	6.10E-06	4.10E-06	8.70E-06	--
Inorganics						
Arsenic	24.0	5.70	6.60	6.00	8.50	--
Lead	1,000	89.0	100	93.0	300	--

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-11-SB-2-S 1-3 10/11/05	I9-9-11-SB-2-W 1-3 10/11/05	COMP-I9-9-11-SB-2 1-3 (See Note 1)	I9-9-11-SB-5 1-3 06/24/03	I9-9-101-SB-2 1-3 06/24/03	I9-9-101-SB-5 1-3 06/24/03
Semivolatile Organics						
Benzo(a)anthracene	1.9	0.077	1.9	0.88	0.16	0.19
Benzo(a)pyrene	1.3	0.070	1.4	0.82	0.10	0.19
Benzo(b)fluoranthene	1.0	0.073	1.1	0.65	0.18	0.19
Benzo(k)fluoranthene	1.0	0.070	1.2	0.72	0.18	0.19
Dibenzo(a,h)anthracene	0.185	0.195	0.29	0.19	0.18	0.19
Indeno(1,2,3-cd)pyrene	0.56	0.051	0.64	0.50	0.074	0.19
Phenanthrene	2.8	0.064	3.3	0.80	0.18	0.19
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	--	1.90E-05	1.20E-05	6.30E-06
Inorganics						
Arsenic	--	--	--	4.85	6.60	3.60
Lead	--	--	--	132	76.0	37.0

See Notes on Page 2

TABLE E-96
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-201 (FORMERLY I9-9-11 & I9-9-101): 0- TO 3-FOOT DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 6)	1.0	7	No
Benzo(a)pyrene	N/A (See Note 6)	0.83	2	No
Benzo(b)fluoranthene	N/A (See Note 6)	0.67	7	No
Benzo(k)fluoranthene	N/A (See Note 6)	0.76	70	No
Dibenzo(a,h)anthracene	N/A (See Note 6)	0.23	0.7	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 6)	0.47	7	No
Phenanthrene	N/A (See Note 6)	1.3	500	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	5.20E-05	N/A (See Note 6)	1.00E-03	No
Inorganics				
Arsenic	N/A (See Note 6)	8.23	20	No
Lead	N/A (See Note 6)	228	300	No

Notes:

- The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): I9-9-11-SB-2 (1-3'; 6/24/03), I9-9-11-SB-2-E (1-3'; 10/11/05), I9-9-11-SB-2-S (1-3'; 10/11/05), and I9-9-11-SB-2-W (1-3'; 10/11/05).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQ concentrations in italics represent the maximum value for the sample location/depth in question.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.
- = Constituent not subject to analysis.

TABLE E-96A

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

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Parcel I9-9-201 (non-bank)

**TABLE E-97
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-201 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-11-SB-7 0-1 03/09/05	I9-9-11-SB-7 3-6 03/09/05	I9-9-11-SB-7 4-6 03/09/05
Volatiles Organics					
1,1,1,2-Tetrachloroethane		6.8	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
1,1,1-Trichloroethane		1,400	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
1,1,2,2-Tetrachloroethane		0.87	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
1,1,2-Trichloroethane		1.9	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
1,1-Dichloroethane		2,000	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
1,1-Dichloroethene		0.12	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
1,2,3-Trichloropropane		0.0031	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
1,2-Dibromo-3-chloropropane		2.1	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
1,2-Dibromoethane		0.029	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
1,2-Dichloroethane		0.76	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
1,2-Dichloropropane		0.76	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
1,4-Dioxane		270	ND(0.11)	NA	ND(0.13) [ND(0.13)]
2-Butanone		27,000	ND(0.011)	NA	ND(0.013) [ND(0.013)]
2-Chloro-1,3-butadiene		12	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
2-Chloroethylvinylether		0.56	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
2-Hexanone		2,800	ND(0.011)	NA	ND(0.013) [ND(0.013)]
3-Chloropropane		52,000	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
4-Methyl-2-pentanone		2,800	ND(0.011)	NA	ND(0.013) [ND(0.013)]
Acetone		6,100	ND(0.022)	NA	ND(0.026) [ND(0.025)]
Acetonitrile		1,300	ND(0.11)	NA	ND(0.13) [ND(0.13)]
Acrolein		0.34	ND(0.11)	NA	ND(0.13) [ND(0.13)]
Acrylonitrile		0.49	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Benzene		1.4	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Bromodichloromethane		2.3	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Bromoform		380	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Bromomethane		13	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Carbon Disulfide		1,200	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Carbon Tetrachloride		0.52	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Chlorobenzene		180	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Chloroethane		1,600	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Chloroform		0.52	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Chloromethane		2.6	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
cis-1,3-Dichloropropene		Not Listed	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Dibromochloromethane		36	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Dibromomethane		11,000	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Dichlorodifluoromethane		310	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Ethyl Methacrylate		140	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Ethylbenzene		230	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Iodomethane		2.6	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Isobutanol		40,000	ND(0.11)	NA	ND(0.13) [ND(0.13)]
Methacrylonitrile		8.4	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Methyl Methacrylate		7,300	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Methylene Chloride		20	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Propionitrile		1,300	ND(0.011)	NA	ND(0.013) [ND(0.013)]
Styrene		1,700	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Tetrachloroethene		16	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Toluene		520	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
trans-1,2-Dichloroethene		210	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
trans-1,3-Dichloropropene		Not Listed	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Trichloroethene		6.1	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Trichlorofluoromethane		1,300	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Vinyl Acetate		1,400	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Vinyl Chloride		0.048	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Xylenes (total)		210	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]

**TABLE E-97
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-201 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-11-SB-7 0-1 03/09/05	I9-9-11-SB-7 3-6 03/09/05	I9-9-11-SB-7 4-6 03/09/05
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		320	ND(3.8)	ND(0.42) [ND(42)]	NA
1,2,4-Trichlorobenzene		1,700	ND(3.8)	ND(0.42) [ND(42)]	NA
1,2-Dichlorobenzene		370	ND(3.8)	ND(0.42) [ND(42)]	NA
1,2-Diphenylhydrazine		3.7	ND(3.8)	ND(0.42) [ND(42)]	NA
1,3,5-Trinitrobenzene		32,000	ND(3.8)	ND(0.42) [ND(42)]	NA
1,3-Dichlorobenzene		140	ND(3.8)	ND(0.42) [ND(42)]	NA
1,3-Dinitrobenzene		110	ND(3.8)	ND(0.85) [ND(42)]	NA
1,4-Dichlorobenzene		7.3	ND(3.8)	ND(0.42) [ND(42)]	NA
1,4-Naphthoquinone		190	ND(3.8)	ND(0.85) [ND(42)]	NA
1-Naphthylamine		Not Listed	ND(3.8)	ND(0.85) [ND(42)]	NA
2,3,4,6-Tetrachlorophenol		32,000	ND(3.8)	ND(0.42) [ND(42)]	NA
2,4,5-Trichlorophenol		110,000	ND(3.8)	ND(0.42) [ND(42)]	NA
2,4,6-Trichlorophenol		270	ND(3.8)	ND(0.42) [ND(42)]	NA
2,4-Dichlorophenol		3,200	ND(3.8)	ND(0.42) [ND(42)]	NA
2,4-Dimethylphenol		21,000	ND(3.8)	ND(0.42) [ND(42)]	NA
2,4-Dinitrophenol		2,100	ND(19)	ND(2.1) [ND(210)]	NA
2,4-Dinitrotoluene		2,100	ND(3.8)	ND(0.42) [ND(42)]	NA
2,6-Dichlorophenol		3,200	ND(3.8)	ND(0.42) [ND(42)]	NA
2,6-Dinitrotoluene		1,100	ND(3.8)	ND(0.42) [ND(42)]	NA
2-Acetylaminofluorene		3.6	ND(3.8)	ND(0.85) [ND(42)]	NA
2-Chloronaphthalene		24,000	ND(3.8)	ND(0.42) [ND(42)]	NA
2-Chlorophenol		240	ND(3.8)	ND(0.42) [ND(42)]	NA
2-Methylnaphthalene		190	ND(3.8)	0.79 [8.1 J]	NA
2-Methylphenol		53,000	ND(3.8)	ND(0.42) [ND(42)]	NA
2-Naphthylamine		Not Listed	ND(3.8)	ND(0.85) [ND(42)]	NA
2-Nitroaniline		64	ND(19)	ND(2.1) [ND(210)]	NA
2-Nitrophenol		Not Listed	ND(3.8)	ND(0.85) [ND(42)]	NA
2-Picoline		1,100	ND(3.8)	ND(0.42) [ND(42)]	NA
3&4-Methylphenol		5,300	ND(3.8)	0.080 J [ND(42)]	NA
3,3'-Dichlorobenzidine		6.7	ND(7.5)	ND(0.85) [ND(84)]	NA
3,3'-Dimethylbenzidine		0.33	ND(3.8)	ND(0.42) [ND(42)]	NA
3-Methylcholanthrene		0.36	ND(3.8)	ND(0.85) [ND(42)]	NA
3-Nitroaniline		110	ND(19)	ND(2.1) [ND(210)]	NA
4,6-Dinitro-2-methylphenol		1,100	ND(3.8)	ND(0.42) [ND(42)]	NA
4-Aminobiphenyl		27,000	ND(3.8)	ND(0.85) [ND(42)]	NA
4-Bromophenyl-phenylether		3,200	ND(3.8)	ND(0.42) [ND(42)]	NA
4-Chloro-3-Methylphenol		53,000	ND(3.8)	ND(0.42) [ND(42)]	NA
4-Chloroaniline		4,300	ND(3.8)	ND(0.42) [ND(42)]	NA
4-Chlorobenzilate		11	ND(3.8)	ND(0.85) [ND(42)]	NA
4-Chlorophenyl-phenylether		Not Listed	ND(3.8)	ND(0.42) [ND(42)]	NA
4-Nitroaniline		110	ND(3.8)	ND(2.1) [ND(42)]	NA
4-Nitrophenol		66,000	ND(19)	ND(2.1) [ND(210)]	NA
4-Nitroquinoline-1-oxide		2,100	ND(3.8)	ND(0.85) [ND(42)]	NA
4-Phenylenediamine		100,000	ND(3.8)	ND(0.85) [ND(42)]	NA
5-Nitro-o-toluidine		91	ND(3.8)	ND(0.85) [ND(42)]	NA
7,12-Dimethylbenz(a)anthracene		0.36	ND(3.8)	ND(0.85) [ND(42)]	NA
a,a'-Dimethylphenethylamine		1,100	ND(3.8)	ND(0.85) [ND(42)]	NA
Acenaphthene		28,000	ND(3.8)	4.0 [50]	NA
Acenaphthylene		190	ND(3.8)	ND(0.42) [ND(42)]	NA
Acetophenone		1.6	ND(3.8)	ND(0.42) [ND(42)]	NA
Aniline		530	ND(3.8)	ND(0.42) [ND(42)]	NA
Anthracene		220,000	ND(3.8)	7.0 [96]	NA
Aramite		120	ND(3.8)	ND(0.85) [ND(42)]	NA
Benzidine		0.013	ND(7.5)	ND(0.85) [ND(84)]	NA
Benzo(a)anthracene		3.6	ND(3.8)	9.2 [210]	NA
Benzo(a)pyrene		0.36	ND(3.8)	6.3 [170]	NA
Benzo(b)fluoranthene		3.6	ND(3.8)	7.5 [160]	NA
Benzo(g,h,i)perylene		190	ND(3.8)	3.6 [83]	NA

**TABLE E-97
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-201 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-11-SB-7 0-1 03/09/05	I9-9-11-SB-7 3-6 03/09/05	I9-9-11-SB-7 4-6 03/09/05
Benzo(k)fluoranthene		36	ND(3.8)	6.8 [190]	NA
Benzyl Alcohol		100,000	ND(7.5)	ND(0.85) [ND(84)]	NA
Semivolatile Organics (continued)					
bis(2-Chloroethoxy)methane		Not Listed	ND(3.8)	ND(0.42) [ND(42)]	NA
bis(2-Chloroethyl)ether		0.56	ND(3.8)	ND(0.42) [ND(42)]	NA
bis(2-Chloroisopropyl)ether		7.4	ND(3.8)	ND(0.42) [ND(42)]	NA
bis(2-Ethylhexyl)phthalate		210	ND(1.9)	ND(0.42) [ND(21)]	NA
Butylbenzylphthalate		930	ND(3.8)	ND(0.42) [ND(42)]	NA
Chrysene		360	ND(3.8)	8.8 [200]	NA
Diallate		49	ND(3.8)	ND(0.85) [ND(42)]	NA
Dibenzo(a,h)anthracene		0.36	ND(3.8)	1.4 [26 J]	NA
Dibenzofuran		3,200	ND(3.8)	2.2 [26 J]	NA
Diethylphthalate		100,000	ND(3.8)	ND(0.42) [ND(42)]	NA
Dimethylphthalate		100,000	ND(3.8)	ND(0.42) [ND(42)]	NA
Di-n-Butylphthalate		110,000	ND(3.8)	ND(0.42) [ND(42)]	NA
Di-n-Octylphthalate		10,000	ND(3.8)	ND(0.42) [ND(42)]	NA
Diphenylamine		27,000	ND(3.8)	ND(0.42) [ND(42)]	NA
Ethyl Methanesulfonate		Not Listed	ND(3.8)	ND(0.42) [ND(42)]	NA
Fluoranthene		37,000	ND(3.8)	23 [440]	NA
Fluorene		22,000	ND(3.8)	3.2 [40 J]	NA
Hexachlorobenzene		1.9	ND(3.8)	ND(0.42) [ND(42)]	NA
Hexachlorobutadiene		38	ND(3.8)	ND(0.42) [ND(42)]	NA
Hexachlorocyclopentadiene		7,100	ND(3.8)	ND(0.42) [ND(42)]	NA
Hexachloroethane		210	ND(3.8)	ND(0.42) [ND(42)]	NA
Hexachlorophene		320	ND(7.5)	ND(0.85) [ND(84)]	NA
Hexachloropropene		Not Listed	ND(3.8)	ND(0.42) [ND(42)]	NA
Indeno(1,2,3-cd)pyrene		3.6	ND(3.8)	3.6 [75]	NA
Isodrin		Not Listed	ND(3.8)	ND(0.42) [ND(42)]	NA
Isophorone		3,200	ND(3.8)	ND(0.42) [ND(42)]	NA
Isosafrole		Not Listed	ND(3.8)	ND(0.85) [ND(42)]	NA
Methapyrilene		190	ND(3.8)	ND(0.85) [ND(42)]	NA
Methyl Methanesulfonate		Not Listed	ND(3.8)	ND(0.42) [ND(42)]	NA
Naphthalene		190	ND(3.8)	2.1 [23 J]	NA
Nitrobenzene		100	ND(3.8)	ND(0.42) [ND(42)]	NA
N-Nitrosodiethylamine		0.02	ND(3.8)	ND(0.42) [ND(42)]	NA
N-Nitrosodimethylamine		0.059	ND(3.8)	ND(0.42) [ND(42)]	NA
N-Nitroso-di-n-butylamine		0.058	ND(3.8)	ND(0.85) [ND(42)]	NA
N-Nitroso-di-n-propylamine		0.43	ND(3.8)	ND(0.42) [ND(42)]	NA
N-Nitrosodiphenylamine		610	ND(3.8)	ND(0.42) [ND(42)]	NA
N-Nitrosomethylethylamine		0.14	ND(3.8)	ND(0.85) [ND(42)]	NA
N-Nitrosomorpholine		1.4	ND(3.8)	ND(0.42) [ND(42)]	NA
N-Nitrosopiperidine		1.4	ND(3.8)	ND(0.42) [ND(42)]	NA
N-Nitrosopyrrolidine		1.4	ND(3.8)	ND(0.85) [ND(42)]	NA
o,o,o-Triethylphosphorothioate		210	ND(3.8)	ND(0.42) [ND(42)]	NA
o-Toluidine		12	ND(3.8)	ND(0.42) [ND(42)]	NA
p-Dimethylaminoazobenzene		6.7	ND(3.8)	ND(0.85) [ND(42)]	NA
Pentachlorobenzene		860	ND(3.8)	ND(0.42) [ND(42)]	NA
Pentachloroethane		6.8	ND(3.8)	ND(0.42) [ND(42)]	NA
Pentachloronitrobenzene		12	ND(3.8)	ND(0.85) [ND(42)]	NA
Pentachlorophenol		15	ND(19)	ND(2.1) [ND(210)]	NA
Phenacetin		14,000	ND(3.8)	ND(0.85) [ND(42)]	NA
Phenanthrene		190	ND(3.8)	22 [360]	NA
Phenol		100,000	ND(3.8)	ND(0.42) [ND(42)]	NA
Pronamide		80,000	ND(3.8)	ND(0.42) [ND(42)]	NA
Pyrene		26,000	ND(3.8)	20 [400]	NA
Pyridine		1,100	ND(3.8)	ND(0.42) [ND(42)]	NA
Safrole		Not Listed	ND(3.8)	ND(0.42) [ND(42)]	NA
Thionazin		6,400	ND(3.8)	ND(0.42) [ND(42)]	NA

**TABLE E-97
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-201 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-11-SB-7 0-1 03/09/05	I9-9-11-SB-7 3-6 03/09/05	I9-9-11-SB-7 4-6 03/09/05
Furans					
2,3,7,8-TCDF		Not Applicable	0.00000076 J	ND(0.000034) [ND(0.000038)]	NA
TCDFs (total)		Not Applicable	0.0000024	ND(0.000034) [ND(0.000038)]	NA
1,2,3,7,8-PeCDF		Not Applicable	ND(0.00000052)	ND(0.000061) [ND(0.000059)]	NA
2,3,4,7,8-PeCDF		Not Applicable	0.00000099 J	ND(0.000061) [ND(0.000059)]	NA
PeCDFs (total)		Not Applicable	0.0000089	ND(0.000061) [ND(0.000059)]	NA
1,2,3,4,7,8-HxCDF		Not Applicable	ND(0.00000052)	ND(0.000061) [ND(0.000059)]	NA
1,2,3,6,7,8-HxCDF		Not Applicable	ND(0.00000052)	ND(0.000061) [ND(0.000059)]	NA
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.00000054)	ND(0.000061) [ND(0.000064)]	NA
2,3,4,6,7,8-HxCDF		Not Applicable	0.00000074 J	ND(0.000061) [ND(0.000059)]	NA
HxCDFs (total)		Not Applicable	0.0000042 J	ND(0.000061) [ND(0.000059)]	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.0000024 J	ND(0.000061) [ND(0.00015) X]	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	ND(0.00000074)	ND(0.000061) [ND(0.000059)]	NA
HpCDFs (total)		Not Applicable	0.0000049 J	ND(0.000061) [0.00026 J]	NA
OCDF		Not Applicable	0.0000026 J	ND(0.00012) [0.00069 J]	NA
Dioxins					
2,3,7,8-TCDD		Not Applicable	ND(0.00000032)	ND(0.000052) [ND(0.000069)]	NA
TCDDs (total)		Not Applicable	ND(0.00000060)	ND(0.000077) [ND(0.000083)]	NA
1,2,3,7,8-PeCDD		Not Applicable	ND(0.00000052)	ND(0.000061) [ND(0.000059)]	NA
PeCDDs (total)		Not Applicable	ND(0.00000052)	ND(0.00011) [ND(0.00011)]	NA
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.00000060)	ND(0.000083) [ND(0.000093)]	NA
1,2,3,6,7,8-HxCDD		Not Applicable	ND(0.00000053)	ND(0.000080) [ND(0.000090)]	NA
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.00000059)	ND(0.000082) [ND(0.000092)]	NA
HxCDDs (total)		Not Applicable	0.00000097 J	ND(0.000082) [ND(0.00012)]	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.0000061	0.00012 J [0.00043 J]	NA
HpCDDs (total)		Not Applicable	0.000011	0.00012 J [0.00086]	NA
OCDD		Not Applicable	0.000057	0.0010 J [0.0056]	NA
Total TEQs (WHO TEFs)		Not Applicable	0.0000013	0.00010 [0.00011]	NA
Inorganics					
Antimony		750	1.50 B	4.90 B [2.60 B]	NA
Arsenic		3	8.00	7.90 [12.0]	NA
Barium		100,000	36.0	110 [130]	NA
Beryllium		3,400	0.290 B	0.260 B [0.370 B]	NA
Cadmium		930	0.120 B	0.290 B [1.50]	NA
Chromium		450	12.0	15.0 [16.0]	NA
Cobalt		29,000	10.0	8.40 [14.0]	NA
Copper		70,000	18.0	77.0 [80.0]	NA
Cyanide		35	ND(0.220)	1.50 [0.690]	NA
Lead		1,000	16.0	230 [560]	NA
Mercury		560	0.0110 B	0.630 [1.00]	NA
Nickel		37,000	17.0	18.0 [30.0]	NA
Selenium		9,400	1.40	1.80 [2.80]	NA
Silver		9,400	0.120 B	0.140 B [0.310 B]	NA
Sulfide		1,200	20.0	44.0 [26.0]	NA
Thallium		150	ND(1.10)	ND(1.30) [ND(1.20)]	NA
Tin		100,000	1.60 B	26.0 [690]	NA
Vanadium		13,000	16.0	14.0 [22.0]	NA
Zinc		100,000	62.0	230 [580]	NA

**TABLE E-97
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-201 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-11-SB-7 10-12 10/14/05	I9-9-11-SB-7 10-15 10/14/05	I9-9-11-SB-7-E 3-6 10/14/05
Volatile Organics					
1,1,1,2-Tetrachloroethane		6.8	ND(0.0060) [ND(0.0061)]	NA	NA
1,1,1-Trichloroethane		1,400	ND(0.0060) [ND(0.0061)]	NA	NA
1,1,2,2-Tetrachloroethane		0.87	ND(0.0060) [ND(0.0061)]	NA	NA
1,1,2-Trichloroethane		1.9	ND(0.0060) [ND(0.0061)]	NA	NA
1,1-Dichloroethane		2,000	ND(0.0060) [ND(0.0061)]	NA	NA
1,1-Dichloroethene		0.12	ND(0.0060) [ND(0.0061)]	NA	NA
1,2,3-Trichloropropane		0.0031	ND(0.0060) [ND(0.0061)]	NA	NA
1,2-Dibromo-3-chloropropane		2.1	ND(0.0060) [ND(0.0061)]	NA	NA
1,2-Dibromoethane		0.029	ND(0.0060) [ND(0.0061)]	NA	NA
1,2-Dichloroethane		0.76	ND(0.0060) [ND(0.0061)]	NA	NA
1,2-Dichloropropane		0.76	ND(0.0060) [ND(0.0061)]	NA	NA
1,4-Dioxane		270	ND(0.12) [ND(0.12) J]	NA	NA
2-Butanone		27,000	ND(0.012) [ND(0.012)]	NA	NA
2-Chloro-1,3-butadiene		12	ND(0.0060) [ND(0.0061)]	NA	NA
2-Chloroethylvinylether		0.56	ND(0.0060) [ND(0.0061)]	NA	NA
2-Hexanone		2,800	ND(0.012) [ND(0.012)]	NA	NA
3-Chloropropene		52,000	ND(0.0060) [ND(0.0061)]	NA	NA
4-Methyl-2-pentanone		2,800	ND(0.012) [ND(0.012)]	NA	NA
Acetone		6,100	ND(0.024) [ND(0.024)]	NA	NA
Acetonitrile		1,300	ND(0.12) [ND(0.12)]	NA	NA
Acrolein		0.34	ND(0.12) [ND(0.12)]	NA	NA
Acrylonitrile		0.49	ND(0.0060) [ND(0.0061)]	NA	NA
Benzene		1.4	ND(0.0060) [ND(0.0061)]	NA	NA
Bromodichloromethane		2.3	ND(0.0060) [ND(0.0061)]	NA	NA
Bromoform		380	ND(0.0060) [ND(0.0061)]	NA	NA
Bromomethane		13	ND(0.0060) [ND(0.0061)]	NA	NA
Carbon Disulfide		1,200	ND(0.0060) [0.0038 J]	NA	NA
Carbon Tetrachloride		0.52	ND(0.0060) [ND(0.0061)]	NA	NA
Chlorobenzene		180	ND(0.0060) [ND(0.0061)]	NA	NA
Chloroethane		1,600	ND(0.0060) [ND(0.0061)]	NA	NA
Chloroform		0.52	ND(0.0060) [ND(0.0061)]	NA	NA
Chloromethane		2.6	ND(0.0060) [ND(0.0061) J]	NA	NA
cis-1,3-Dichloropropene		Not Listed	ND(0.0060) [ND(0.0061)]	NA	NA
Dibromochloromethane		36	ND(0.0060) [ND(0.0061)]	NA	NA
Dibromomethane		11,000	ND(0.0060) [ND(0.0061)]	NA	NA
Dichlorodifluoromethane		310	ND(0.0060) [ND(0.0061)]	NA	NA
Ethyl Methacrylate		140	ND(0.0060) [ND(0.0061)]	NA	NA
Ethylbenzene		230	ND(0.0060) [ND(0.0061)]	NA	NA
Iodomethane		2.6	ND(0.0060) [ND(0.0061)]	NA	NA
Isobutanol		40,000	ND(0.12) [ND(0.12)]	NA	NA
Methacrylonitrile		8.4	ND(0.0060) [ND(0.0061)]	NA	NA
Methyl Methacrylate		7,300	ND(0.0060) [ND(0.0061)]	NA	NA
Methylene Chloride		20	ND(0.0060) [ND(0.0061)]	NA	NA
Propionitrile		1,300	ND(0.012) [ND(0.012)]	NA	NA
Styrene		1,700	ND(0.0060) [ND(0.0061)]	NA	NA
Tetrachloroethene		16	ND(0.0060) [ND(0.0061)]	NA	NA
Toluene		520	ND(0.0060) [ND(0.0061)]	NA	NA
trans-1,2-Dichloroethene		210	ND(0.0060) [ND(0.0061)]	NA	NA
trans-1,3-Dichloropropene		Not Listed	ND(0.0060) [ND(0.0061)]	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0060) [ND(0.0061)]	NA	NA
Trichloroethene		6.1	ND(0.0060) [ND(0.0061)]	NA	NA
Trichlorofluoromethane		1,300	ND(0.0060) [ND(0.0061)]	NA	NA
Vinyl Acetate		1,400	ND(0.0060) [ND(0.0061)]	NA	NA
Vinyl Chloride		0.048	ND(0.0060) [ND(0.0061)]	NA	NA
Xylenes (total)		210	ND(0.0060) [ND(0.0061)]	NA	NA

**TABLE E-97
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-201 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-11-SB-7 10-12 10/14/05	I9-9-11-SB-7 10-15 10/14/05	I9-9-11-SB-7-E 3-6 10/14/05
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		320	NA	ND(0.46) [ND(0.43)]	ND(0.40)
1,2,4-Trichlorobenzene		1,700	NA	ND(0.46) J [ND(0.43)]	ND(0.40)
1,2-Dichlorobenzene		370	NA	ND(0.46) [ND(0.43)]	ND(0.40)
1,2-Diphenylhydrazine		3.7	NA	ND(0.46) [ND(0.43)]	ND(0.40)
1,3,5-Trinitrobenzene		32,000	NA	D(0.46) J [ND(0.43)]	ND(0.40) J
1,3-Dichlorobenzene		140	NA	ND(0.46) [ND(0.43)]	ND(0.40)
1,3-Dinitrobenzene		110	NA	D(0.93) J [ND(0.87)]	ND(0.81) J
1,4-Dichlorobenzene		7.3	NA	ND(0.46) [ND(0.43)]	ND(0.40)
1,4-Naphthoquinone		190	NA	ND(0.93) [ND(0.87)]	ND(0.81)
1-Naphthylamine		Not Listed	NA	ND(0.93) [ND(0.87)]	ND(0.81)
2,3,4,6-Tetrachlorophenol		32,000	NA	ND(0.46) [ND(0.43)] J	ND(0.40) J
2,4,5-Trichlorophenol		110,000	NA	ND(0.46) [ND(0.43)]	ND(0.40)
2,4,6-Trichlorophenol		270	NA	ND(0.46) [ND(0.43)]	ND(0.40)
2,4-Dichlorophenol		3,200	NA	ND(0.46) [ND(0.43)]	ND(0.40)
2,4-Dimethylphenol		21,000	NA	ND(0.46) [ND(0.43)]	ND(0.40)
2,4-Dinitrophenol		2,100	NA	ND(2.4) [ND(2.2)]	ND(2.0)
2,4-Dinitrotoluene		2,100	NA	ND(0.46) [ND(0.43)]	ND(0.40)
2,6-Dichlorophenol		3,200	NA	ND(0.46) [ND(0.43)]	ND(0.40)
2,6-Dinitrotoluene		1,100	NA	ND(0.46) [ND(0.43)]	ND(0.40)
2-Acetylaminofluorene		3.6	NA	ND(0.93) J [ND(0.87)]	ND(0.81)
2-Chloronaphthalene		24,000	NA	ND(0.46) [ND(0.43)]	ND(0.40)
2-Chlorophenol		240	NA	ND(0.46) [ND(0.43)]	ND(0.40)
2-Methylnaphthalene		190	NA	ND(0.46) [ND(0.43)]	ND(0.40)
2-Methylphenol		53,000	NA	ND(0.46) [ND(0.43)]	ND(0.40)
2-Naphthylamine		Not Listed	NA	D(0.93) J [ND(0.87)]	ND(0.81) J
2-Nitroaniline		64	NA	ND(2.4) [ND(2.2)]	ND(2.0)
2-Nitrophenol		Not Listed	NA	ND(0.93) [ND(0.87)]	ND(0.81)
2-Picoline		1,100	NA	ND(0.46) [ND(0.43)]	ND(0.40)
3&4-Methylphenol		5,300	NA	ND(0.93) [ND(0.87)]	ND(0.81)
3,3'-Dichlorobenzidine		6.7	NA	ND(0.93) [ND(0.87)]	ND(0.81)
3,3'-Dimethylbenzidine		0.33	NA	ND(0.46) [ND(0.43)]	ND(0.40)
3-Methylcholanthrene		0.36	NA	ND(0.93) [ND(0.87)]	ND(0.81)
3-Nitroaniline		110	NA	ND(2.4) [ND(2.2)]	ND(2.0)
4,6-Dinitro-2-methylphenol		1,100	NA	ND(0.46) [ND(0.43)]	ND(0.40)
4-Aminobiphenyl		27,000	NA	D(0.93) J [ND(0.87)]	ND(0.81) J
4-Bromophenyl-phenylether		3,200	NA	ND(0.46) [ND(0.43)]	ND(0.40)
4-Chloro-3-Methylphenol		53,000	NA	ND(0.46) [ND(0.43)]	ND(0.40)
4-Chloroaniline		4,300	NA	ND(0.46) [ND(0.43)]	ND(0.40)
4-Chlorobenzilate		11	NA	ND(0.93) [ND(0.87)]	ND(0.81)
4-Chlorophenyl-phenylether		Not Listed	NA	ND(0.46) [ND(0.43)]	ND(0.40)
4-Nitroaniline		110	NA	ND(2.4) [ND(2.2)]	ND(2.0)
4-Nitrophenol		66,000	NA	ND(2.4) J [ND(2.2)]	ND(2.0)
4-Nitroquinoline-1-oxide		2,100	NA	D(0.93) J [ND(0.87)]	ND(0.81) J
4-Phenylenediamine		100,000	NA	ND(0.93) [ND(0.87)]	ND(0.81)
5-Nitro-o-toluidine		91	NA	ND(0.93) [ND(0.87)]	ND(0.81)
7,12-Dimethylbenz(a)anthracene		0.36	NA	ND(0.93) [ND(0.87)]	ND(0.81)
a,a'-Dimethylphenethylamine		1,100	NA	D(0.93) J [ND(0.87)]	ND(0.81) J
Acenaphthene		28,000	NA	0.057 J [ND(0.43)]	ND(0.40)
Acenaphthylene		190	NA	ND(0.46) [ND(0.43)]	0.13 J
Acetophenone		1.6	NA	ND(0.46) [ND(0.43)]	ND(0.40)
Aniline		530	NA	ND(0.46) [ND(0.43)]	ND(0.40)
Anthracene		220,000	NA	0.084 J [ND(0.43)]	0.16 J
Aramite		120	NA	ND(0.93) J [ND(0.87)]	ND(0.81)
Benzidine		0.013	NA	D(0.93) J [ND(0.87)]	ND(0.81) J
Benzo(a)anthracene		3.6	NA	0.15 J [0.090 J]	0.67
Benzo(a)pyrene		0.36	NA	0.085 J [ND(0.43)]	0.58
Benzo(b)fluoranthene		3.6	NA	0.081 J [0.048 J]	0.47
Benzo(g,h,i)perylene		190	NA	0.036 J [ND(0.43)]	0.35 J

**TABLE E-97
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-201 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-11-SB-7 10-12 10/14/05	I9-9-11-SB-7 10-15 10/14/05	I9-9-11-SB-7-E 3-6 10/14/05
Benzo(k)fluoranthene		36	NA	0.084 J [0.057 J]	0.52
Benzyl Alcohol		100,000	NA	ND(0.93) [ND(0.87)]	ND(0.81)
Semivolatle Organics (continued)					
bis(2-Chloroethoxy)methane		Not Listed	NA	ND(0.46) [ND(0.43)]	ND(0.40)
bis(2-Chloroethyl)ether		0.56	NA	ND(0.46) [ND(0.43)]	ND(0.40)
bis(2-Chloroisopropyl)ether		7.4	NA	ND(0.46) [ND(0.43) J]	ND(0.40) J
bis(2-Ethylhexyl)phthalate		210	NA	ND(0.46) [ND(0.43)]	19
Butylbenzylphthalate		930	NA	ND(0.46) [ND(0.43)]	57
Chrysene		360	NA	0.15 J [0.088 J]	0.79
Diallate		49	NA	D(0.93) J [ND(0.87) J]	ND(0.81) J
Dibenzo(a,h)anthracene		0.36	NA	ND(0.46) [ND(0.43)]	0.089 J
Dibenzofuran		3,200	NA	ND(0.46) [ND(0.43)]	ND(0.40)
Diethylphthalate		100,000	NA	ND(0.46) [ND(0.43)]	ND(0.40)
Dimethylphthalate		100,000	NA	ND(0.46) [ND(0.43)]	ND(0.40)
Di-n-Butylphthalate		110,000	NA	ND(0.46) [ND(0.43)]	0.055 J
Di-n-Octylphthalate		10,000	NA	ND(0.46) [ND(0.43)]	ND(0.40)
Diphenylamine		27,000	NA	ND(0.46) [ND(0.43)]	ND(0.40)
Ethyl Methanesulfonate		Not Listed	NA	ND(0.46) [ND(0.43)]	ND(0.40)
Fluoranthene		37,000	NA	0.32 J [0.17 J]	0.99
Fluorene		22,000	NA	ND(0.46) [ND(0.43)]	ND(0.40)
Hexachlorobenzene		1.9	NA	ND(0.46) [ND(0.43)]	ND(0.40)
Hexachlorobutadiene		38	NA	ND(0.46) [ND(0.43)]	ND(0.40)
Hexachlorocyclopentadiene		7,100	NA	ND(0.46) [ND(0.43) J]	ND(0.40) J
Hexachloroethane		210	NA	ND(0.46) [ND(0.43)]	ND(0.40)
Hexachlorophene		320	NA	D(0.93) J [ND(0.87) J]	ND(0.81) J
Hexachloropropene		Not Listed	NA	ND(0.46) [ND(0.43)]	ND(0.40)
Indeno(1,2,3-cd)pyrene		3.6	NA	ND(0.46) [ND(0.43)]	0.25 J
Isodrin		Not Listed	NA	ND(0.46) [ND(0.43)]	ND(0.40)
Isophorone		3,200	NA	ND(0.46) [ND(0.43)]	ND(0.40)
Isosafrole		Not Listed	NA	D(0.93) J [ND(0.87) J]	ND(0.81) J
Methapyrilene		190	NA	ND(0.93) [ND(0.87)]	ND(0.81)
Methyl Methanesulfonate		Not Listed	NA	ND(0.46) [ND(0.43)]	ND(0.40)
Naphthalene		190	NA	ND(0.46) [ND(0.43)]	0.055 J
Nitrobenzene		100	NA	ND(0.46) [ND(0.43)]	ND(0.40)
N-Nitrosodiethylamine		0.02	NA	ND(0.46) [ND(0.43)]	ND(0.40)
N-Nitrosodimethylamine		0.059	NA	ND(0.46) [ND(0.43)]	ND(0.40)
N-Nitroso-di-n-butylamine		0.058	NA	ND(0.93) [ND(0.87)]	ND(0.81)
N-Nitroso-di-n-propylamine		0.43	NA	ND(0.46) [ND(0.43)]	ND(0.40)
N-Nitrosodiphenylamine		610	NA	ND(0.46) [ND(0.43)]	ND(0.40)
N-Nitrosomethylethylamine		0.14	NA	ND(0.93) [ND(0.87)]	ND(0.81)
N-Nitrosomorpholine		1.4	NA	ND(0.46) [ND(0.43)]	ND(0.40)
N-Nitrosopiperidine		1.4	NA	ND(0.46) [ND(0.43)]	ND(0.40)
N-Nitrosopyrrolidine		1.4	NA	ND(0.93) [ND(0.87)]	ND(0.81)
o,o,o-Triethylphosphorothioate		210	NA	ND(0.46) [ND(0.43)]	ND(0.40)
o-Toluidine		12	NA	ND(0.46) [ND(0.43)]	ND(0.40)
p-Dimethylaminoazobenzene		6.7	NA	ND(0.93) [ND(0.87)]	ND(0.81)
Pentachlorobenzene		860	NA	ND(0.46) J [ND(0.43) J]	ND(0.40)
Pentachloroethane		6.8	NA	ND(0.46) [ND(0.43)]	ND(0.40)
Pentachloronitrobenzene		12	NA	ND(0.93) [ND(0.87)]	ND(0.81)
Pentachlorophenol		15	NA	ND(2.4) [ND(2.2)]	ND(2.0)
Phenacetin		14,000	NA	ND(0.93) [ND(0.87)]	ND(0.81)
Phenanthrene		190	NA	0.31 J [0.16 J]	0.52
Phenol		100,000	NA	ND(0.46) [ND(0.43)]	ND(0.40)
Pronamide		80,000	NA	ND(0.46) [ND(0.43)]	ND(0.40)
Pyrene		26,000	NA	0.33 J [0.17 J]	1.3
Pyridine		1,100	NA	ND(0.46) [ND(0.43)]	ND(0.40)
Safrole		Not Listed	NA	D(0.46) J [ND(0.43) J]	ND(0.40) J
Thionazin		6,400	NA	ND(0.46) [ND(0.43)]	ND(0.40)

**TABLE E-97
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-201 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-11-SB-7 10-12 10/14/05	I9-9-11-SB-7 10-15 10/14/05	I9-9-11-SB-7-E 3-6 10/14/05
Furans					
2,3,7,8-TCDF		Not Applicable	NA	00000090) X [0.0000	NA
TCDFs (total)		Not Applicable	NA	0000051 J [0.000011	NA
1,2,3,7,8-PeCDF		Not Applicable	NA	0.0000013) [0.00000	NA
2,3,4,7,8-PeCDF		Not Applicable	NA	0.0000013) [0.00000	NA
PeCDFs (total)		Not Applicable	NA	0000018 J [0.0000071	NA
1,2,3,4,7,8-HxCDF		Not Applicable	NA	0.0000013) [0.00000	NA
1,2,3,6,7,8-HxCDF		Not Applicable	NA	0.0000013) [0.00000	NA
1,2,3,7,8,9-HxCDF		Not Applicable	NA	0000013) [ND(0.000	NA
2,3,4,6,7,8-HxCDF		Not Applicable	NA	0000013) [ND(0.000	NA
HxCDFs (total)		Not Applicable	NA	0000031 J [0.000012	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	NA	0.0000013) [0.00000	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	NA	0.0000013) [0.00000	NA
HpCDFs (total)		Not Applicable	NA	0.0000013) [0.00000	NA
OCDF		Not Applicable	NA	0000027) [ND(0.000	NA
Dioxins					
2,3,7,8-TCDD		Not Applicable	NA	0000038) [ND(0.000	NA
TCDDs (total)		Not Applicable	NA	0000075) [ND(0.000	NA
1,2,3,7,8-PeCDD		Not Applicable	NA	0000013) [ND(0.000	NA
PeCDDs (total)		Not Applicable	NA	0000013) [ND(0.000	NA
1,2,3,4,7,8-HxCDD		Not Applicable	NA	0000013) [ND(0.000	NA
1,2,3,6,7,8-HxCDD		Not Applicable	NA	0000013) [ND(0.000	NA
1,2,3,7,8,9-HxCDD		Not Applicable	NA	0000013) [ND(0.000	NA
HxCDDs (total)		Not Applicable	NA	0000013) [ND(0.000	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	NA	0000020 J [0.0000035	NA
HpCDDs (total)		Not Applicable	NA	0000020 J [0.0000059	NA
OCDD		Not Applicable	NA	.0000090) [ND(0.000	NA
Total TEQs (WHO TEFs)		Not Applicable	NA	.0000017 [0.0000029	NA
Inorganics					
Antimony		750	NA	0.920 J [1.90 J]	NA
Arsenic		3	NA	5.80 J [6.30 J]	NA
Barium		100,000	NA	36.0 J [33.0 J]	NA
Beryllium		3,400	NA	0.360 B [0.330 B]	NA
Cadmium		930	NA	0.170 B [0.120 B]	NA
Chromium		450	NA	11.0 J [12.0 J]	NA
Cobalt		29,000	NA	9.20 J [12.0 J]	NA
Copper		70,000	NA	18.0 J [21.0 J]	NA
Cyanide		35	NA	ND(0.280) [ND(0.260)	NA
Lead		1,000	NA	7.10 J [11.0 J]	NA
Mercury		560	NA	0.0220 J [0.0220 J]	NA
Nickel		37,000	NA	16.0 J [19.0 J]	NA
Selenium		9,400	NA	D(1.00) J [ND(1.00)	NA
Silver		9,400	NA	ND(1.00) [ND(1.00)]	NA
Sulfide		1,200	NA	200 J [160 J]	NA
Thallium		150	NA	ND(2.3) [ND(2.2)]	NA
Tin		100,000	NA	1.90 B [2.40 B]	NA
Vanadium		13,000	NA	12.0 J [13.0 J]	NA
Zinc		100,000	NA	51.0 J [58.0 J]	NA

**TABLE E-97
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-201 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-11-SB-9 0-1 03/09/05	I9-9-11-SB-9 1-3 03/09/05
Volatile Organics				
1,1,1,2-Tetrachloroethane		6.8	ND(0.0057)	ND(0.0060)
1,1,1-Trichloroethane		1,400	ND(0.0057)	ND(0.0060)
1,1,2,2-Tetrachloroethane		0.87	ND(0.0057)	ND(0.0060)
1,1,2-Trichloroethane		1.9	ND(0.0057)	ND(0.0060)
1,1-Dichloroethane		2,000	ND(0.0057)	ND(0.0060)
1,1-Dichloroethene		0.12	ND(0.0057)	ND(0.0060)
1,2,3-Trichloropropane		0.0031	ND(0.0057)	ND(0.0060)
1,2-Dibromo-3-chloropropane		2.1	ND(0.0057)	ND(0.0060)
1,2-Dibromoethane		0.029	ND(0.0057)	ND(0.0060)
1,2-Dichloroethane		0.76	ND(0.0057)	ND(0.0060)
1,2-Dichloropropane		0.76	ND(0.0057)	ND(0.0060)
1,4-Dioxane		270	ND(0.11)	ND(0.12)
2-Butanone		27,000	ND(0.011)	ND(0.012)
2-Chloro-1,3-butadiene		12	ND(0.0057)	ND(0.0060)
2-Chloroethylvinylether		0.56	ND(0.0057)	ND(0.0060)
2-Hexanone		2,800	ND(0.011)	ND(0.012)
3-Chloropropane		52,000	ND(0.0057)	ND(0.0060)
4-Methyl-2-pentanone		2,800	ND(0.011)	ND(0.012)
Acetone		6,100	0.0063 J	ND(0.024)
Acetonitrile		1,300	ND(0.11)	ND(0.12)
Acrolein		0.34	ND(0.11)	ND(0.12)
Acrylonitrile		0.49	ND(0.0057)	ND(0.0060)
Benzene		1.4	ND(0.0057)	ND(0.0060)
Bromodichloromethane		2.3	ND(0.0057)	ND(0.0060)
Bromoform		380	ND(0.0057)	ND(0.0060)
Bromomethane		13	ND(0.0057)	ND(0.0060)
Carbon Disulfide		1,200	0.0044 J	ND(0.0060)
Carbon Tetrachloride		0.52	ND(0.0057)	ND(0.0060)
Chlorobenzene		180	ND(0.0057)	ND(0.0060)
Chloroethane		1,600	ND(0.0057)	ND(0.0060)
Chloroform		0.52	0.0067	0.012
Chloromethane		2.6	ND(0.0057)	ND(0.0060)
cis-1,3-Dichloropropene		Not Listed	ND(0.0057)	ND(0.0060)
Dibromochloromethane		36	ND(0.0057)	ND(0.0060)
Dibromomethane		11,000	ND(0.0057)	ND(0.0060)
Dichlorodifluoromethane		310	ND(0.0057)	ND(0.0060)
Ethyl Methacrylate		140	ND(0.0057)	ND(0.0060)
Ethylbenzene		230	ND(0.0057)	ND(0.0060)
Iodomethane		2.6	ND(0.0057)	ND(0.0060)
Isobutanol		40,000	ND(0.11)	ND(0.12)
Methacrylonitrile		8.4	ND(0.0057)	ND(0.0060)
Methyl Methacrylate		7,300	ND(0.0057)	ND(0.0060)
Methylene Chloride		20	ND(0.0057)	0.0050 J
Propionitrile		1,300	ND(0.011)	ND(0.012)
Styrene		1,700	ND(0.0057)	ND(0.0060)
Tetrachloroethene		16	ND(0.0057)	ND(0.0060)
Toluene		520	ND(0.0057)	0.0035 J
trans-1,2-Dichloroethene		210	ND(0.0057)	ND(0.0060)
trans-1,3-Dichloropropene		Not Listed	ND(0.0057)	ND(0.0060)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0057)	ND(0.0060)
Trichloroethene		6.1	ND(0.0057)	ND(0.0060)
Trichlorofluoromethane		1,300	ND(0.0057)	ND(0.0060)
Vinyl Acetate		1,400	ND(0.0057)	ND(0.0060)
Vinyl Chloride		0.048	ND(0.0057)	ND(0.0060)
Xylenes (total)		210	ND(0.0057)	ND(0.0060)

**TABLE E-97
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-201 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-11-SB-9 0-1 03/09/05	I9-9-11-SB-9 1-3 03/09/05
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene		320	ND(0.38)	ND(4.0)
1,2,4-Trichlorobenzene		1,700	ND(0.38)	ND(4.0)
1,2-Dichlorobenzene		370	ND(0.38)	ND(4.0)
1,2-Diphenylhydrazine		3.7	ND(0.38)	ND(4.0)
1,3,5-Trinitrobenzene		32,000	ND(0.38)	ND(4.0)
1,3-Dichlorobenzene		140	ND(0.38)	ND(4.0)
1,3-Dinitrobenzene		110	ND(0.77)	ND(4.0)
1,4-Dichlorobenzene		7.3	ND(0.38)	ND(4.0)
1,4-Naphthoquinone		190	ND(0.77)	ND(4.0)
1-Naphthylamine		Not Listed	ND(0.77)	ND(4.0)
2,3,4,6-Tetrachlorophenol		32,000	ND(0.38)	ND(4.0)
2,4,5-Trichlorophenol		110,000	ND(0.38)	ND(4.0)
2,4,6-Trichlorophenol		270	ND(0.38)	ND(4.0)
2,4-Dichlorophenol		3,200	ND(0.38)	ND(4.0)
2,4-Dimethylphenol		21,000	ND(0.38)	ND(4.0)
2,4-Dinitrophenol		2,100	ND(1.9)	ND(20)
2,4-Dinitrotoluene		2,100	ND(0.38)	ND(4.0)
2,6-Dichlorophenol		3,200	ND(0.38)	ND(4.0)
2,6-Dinitrotoluene		1,100	ND(0.38)	ND(4.0)
2-Acetylaminofluorene		3.6	ND(0.77)	ND(4.0)
2-Chloronaphthalene		24,000	ND(0.38)	ND(4.0)
2-Chlorophenol		240	ND(0.38)	ND(4.0)
2-Methylnaphthalene		190	ND(0.38)	ND(4.0)
2-Methylphenol		53,000	ND(0.38)	ND(4.0)
2-Naphthylamine		Not Listed	ND(0.77)	ND(4.0)
2-Nitroaniline		64	ND(1.9)	ND(20)
2-Nitrophenol		Not Listed	ND(0.77)	ND(4.0)
2-Picoline		1,100	ND(0.38)	ND(4.0)
3&4-Methylphenol		5,300	ND(0.77)	ND(4.0)
3,3'-Dichlorobenzidine		6.7	ND(0.77)	ND(8.0)
3,3'-Dimethylbenzidine		0.33	ND(0.38)	ND(4.0)
3-Methylcholanthrene		0.36	ND(0.77)	ND(4.0)
3-Nitroaniline		110	ND(1.9)	ND(20)
4,6-Dinitro-2-methylphenol		1,100	ND(0.38)	ND(4.0)
4-Aminobiphenyl		27,000	ND(0.77)	ND(4.0)
4-Bromophenyl-phenylether		3,200	ND(0.38)	ND(4.0)
4-Chloro-3-Methylphenol		53,000	ND(0.38)	ND(4.0)
4-Chloroaniline		4,300	ND(0.38)	ND(4.0)
4-Chlorobenzilate		11	ND(0.77)	ND(4.0)
4-Chlorophenyl-phenylether		Not Listed	ND(0.38)	ND(4.0)
4-Nitroaniline		110	ND(1.9)	ND(4.0)
4-Nitrophenol		66,000	ND(1.9)	ND(20)
4-Nitroquinoline-1-oxide		2,100	ND(0.77)	ND(4.0)
4-Phenylenediamine		100,000	ND(0.77)	ND(4.0)
5-Nitro-o-toluidine		91	ND(0.77)	ND(4.0)
7,12-Dimethylbenz(a)anthracene		0.36	ND(0.77)	ND(4.0)
a,a'-Dimethylphenethylamine		1,100	ND(0.77)	ND(4.0)
Acenaphthene		28,000	ND(0.38)	ND(4.0)
Acenaphthylene		190	0.24 J	0.75 J
Acetophenone		1.6	ND(0.38)	ND(4.0)
Aniline		530	ND(0.38)	ND(4.0)
Anthracene		220,000	0.19 J	0.52 J
Aramite		120	ND(0.77)	ND(4.0)
Benzidine		0.013	ND(0.77)	ND(8.0)
Benzo(a)anthracene		3.6	0.74	2.2 J
Benzo(a)pyrene		0.36	0.84	2.4 J
Benzo(b)fluoranthene		3.6	0.66	1.5 J
Benzo(g,h,i)perylene		190	0.44	1.4 J

**TABLE E-97
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-201 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-11-SB-9 0-1 03/09/05	I9-9-11-SB-9 1-3 03/09/05
Benzo(k)fluoranthene		36	0.70	2.0 J
Benzyl Alcohol		100,000	ND(0.77)	ND(8.0)
Semivolatile Organics (continued)				
bis(2-Chloroethoxy)methane		Not Listed	ND(0.38)	ND(4.0)
bis(2-Chloroethyl)ether		0.56	ND(0.38)	ND(4.0)
bis(2-Chloroisopropyl)ether		7.4	ND(0.38)	ND(4.0)
bis(2-Ethylhexyl)phthalate		210	ND(0.38)	ND(2.0)
Butylbenzylphthalate		930	ND(0.38)	ND(4.0)
Chrysene		360	0.73	2.0 J
Diallate		49	ND(0.77)	ND(4.0)
Dibenzo(a,h)anthracene		0.36	0.12 J	ND(4.0)
Dibenzofuran		3,200	ND(0.38)	ND(4.0)
Diethylphthalate		100,000	ND(0.38)	ND(4.0)
Dimethylphthalate		100,000	ND(0.38)	ND(4.0)
Di-n-Butylphthalate		110,000	ND(0.38)	ND(4.0)
Di-n-Octylphthalate		10,000	ND(0.38)	ND(4.0)
Diphenylamine		27,000	ND(0.38)	ND(4.0)
Ethyl Methanesulfonate		Not Listed	ND(0.38)	ND(4.0)
Fluoranthene		37,000	1.0	3.1 J
Fluorene		22,000	0.041 J	ND(4.0)
Hexachlorobenzene		1.9	ND(0.38)	ND(4.0)
Hexachlorobutadiene		38	ND(0.38)	ND(4.0)
Hexachlorocyclopentadiene		7,100	ND(0.38)	ND(4.0)
Hexachloroethane		210	ND(0.38)	ND(4.0)
Hexachlorophene		320	ND(0.77)	ND(8.0)
Hexachloropropene		Not Listed	ND(0.38)	ND(4.0)
Indeno(1,2,3-cd)pyrene		3.6	0.42	0.98 J
Isodrin		Not Listed	ND(0.38)	ND(4.0)
Isophorone		3,200	ND(0.38)	ND(4.0)
Isosafrole		Not Listed	ND(0.77)	ND(4.0)
Methapyrilene		190	ND(0.77)	ND(4.0)
Methyl Methanesulfonate		Not Listed	ND(0.38)	ND(4.0)
Naphthalene		190	ND(0.38)	ND(4.0)
Nitrobenzene		100	ND(0.38)	ND(4.0)
N-Nitrosodiethylamine		0.02	ND(0.38)	ND(4.0)
N-Nitrosodimethylamine		0.059	ND(0.38)	ND(4.0)
N-Nitroso-di-n-butylamine		0.058	ND(0.77)	ND(4.0)
N-Nitroso-di-n-propylamine		0.43	ND(0.38)	ND(4.0)
N-Nitrosodiphenylamine		610	ND(0.38)	ND(4.0)
N-Nitrosomethylethylamine		0.14	ND(0.77)	ND(4.0)
N-Nitrosomorpholine		1.4	ND(0.38)	ND(4.0)
N-Nitrosopiperidine		1.4	ND(0.38)	ND(4.0)
N-Nitrosopyrrolidine		1.4	ND(0.77)	ND(4.0)
o,o,o-Triethylphosphorothioate		210	ND(0.38)	ND(4.0)
o-Toluidine		12	ND(0.38)	ND(4.0)
p-Dimethylaminoazobenzene		6.7	ND(0.77)	ND(4.0)
Pentachlorobenzene		860	ND(0.38)	ND(4.0)
Pentachloroethane		6.8	ND(0.38)	ND(4.0)
Pentachloronitrobenzene		12	ND(0.77)	ND(4.0)
Pentachlorophenol		15	ND(1.9)	ND(20)
Phenacetin		14,000	ND(0.77)	ND(4.0)
Phenanthrene		190	0.40	1.2 J
Phenol		100,000	ND(0.38)	ND(4.0)
Pronamide		80,000	ND(0.38)	ND(4.0)
Pyrene		26,000	1.2	3.2 J
Pyridine		1,100	ND(0.38)	ND(4.0)
Safrole		Not Listed	ND(0.38)	ND(4.0)
Thionazin		6,400	ND(0.38)	ND(4.0)

**TABLE E-97
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-201 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	I9-9-11-SB-9 0-1 03/09/05	I9-9-11-SB-9 1-3 03/09/05
Furans				
2,3,7,8-TCDF		Not Applicable	0.000016 Y	0.0000043 Y
TCDFs (total)		Not Applicable	0.00018	0.000037
1,2,3,7,8-PeCDF		Not Applicable	0.0000065	0.0000020 J
2,3,4,7,8-PeCDF		Not Applicable	0.000012	0.0000038 J
PeCDFs (total)		Not Applicable	0.00014	0.000044
1,2,3,4,7,8-HxCDF		Not Applicable	0.000014	0.0000047 J
1,2,3,6,7,8-HxCDF		Not Applicable	0.0000073	ND(0.0000027) X
1,2,3,7,8,9-HxCDF		Not Applicable	0.0000025 J	0.00000091 J
2,3,4,6,7,8-HxCDF		Not Applicable	0.0000088	0.0000038 J
HxCDFs (total)		Not Applicable	0.00012	0.000056
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000026	0.000048
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.0000042 J	0.0000021 J
HpCDFs (total)		Not Applicable	0.000051	0.000081
OCDF		Not Applicable	0.000022	0.000025
Dioxins				
2,3,7,8-TCDD		Not Applicable	ND(0.00000042) X	ND(0.00000036)
TCDDs (total)		Not Applicable	0.0000024	ND(0.00000036)
1,2,3,7,8-PeCDD		Not Applicable	ND(0.00000034) X	ND(0.00000051)
PeCDDs (total)		Not Applicable	0.0000058	0.0000018 J
1,2,3,4,7,8-HxCDD		Not Applicable	0.00000086 J	ND(0.00000091) X
1,2,3,6,7,8-HxCDD		Not Applicable	ND(0.0000020) X	0.0000018 J
1,2,3,7,8,9-HxCDD		Not Applicable	0.0000022 J	0.0000012 J
HxCDDs (total)		Not Applicable	0.000020	0.000014
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000031	0.000025
HpCDDs (total)		Not Applicable	0.000056	0.000045
OCDD		Not Applicable	0.00016	0.00018
Total TEQs (WHO TEFs)		Not Applicable	0.000014	0.0000051
Inorganics				
Antimony		750	1.90 B	2.30 B
Arsenic		3	6.30	6.40
Barium		100,000	62.0	60.0
Beryllium		3,400	0.220 B	0.230 B
Cadmium		930	0.270 B	0.380 B
Chromium		450	12.0	12.0
Cobalt		29,000	9.30	7.60
Copper		70,000	31.0	40.0
Cyanide		35	0.170 B	0.330
Lead		1,000	91.0	140
Mercury		560	0.100 B	0.370
Nickel		37,000	17.0	17.0
Selenium		9,400	1.00	0.690 B
Silver		9,400	ND(1.00)	ND(1.00)
Sulfide		1,200	33.0	29.0
Thallium		150	ND(1.10)	ND(1.20)
Tin		100,000	10.0	15.0
Vanadium		13,000	15.0	10.0
Zinc		100,000	150	170

**TABLE E-97
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS I9-9-201 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
6. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- J - Estimated Value.
- 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 - Estimated Value.

**TABLE E-98
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO INDUSTRIAL SCREENING PRGs
PARCEL I9-9-201 (FORMERLY I9-9-11) (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS**

Analytical Parameter	Maximum Detect	USEPA Region 9 Industrial PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
Acetone	0.0063	6,100	No
Carbon Disulfide	0.0044	1,200	No
Chloroform	0.012	0.52	No
Methylene Chloride	0.005	20	No
Toluene	0.0035	520	No
Semivolatile Organics			
2-Methylnaphthalene	8.1	190*	No
3&4-Methylphenol	0.08	5,300*	No
Acenaphthene	50	28,000	No
Acenaphthylene	0.75	190*	No
Anthracene	96	220,000	No
Benzo(a)anthracene	210	3.6	Yes
Benzo(a)pyrene	170	0.36	Yes
Benzo(b)fluoranthene	160	3.6	Yes
Benzo(g,h,i)perylene	83	190*	No
Benzo(k)fluoranthene	190	36	Yes
bis(2-Ethylhexyl)phthalate	19	210	No
Butylbenzylphthalate	57	930	No
Chrysene	200	360	No
Dibenzo(a,h)anthracene	26	0.36	Yes
Dibenzofuran	26	3,200	No
Di-n-Butylphthalate	0.055	110,000	No
Fluoranthene	440	37,000	No
Fluorene	40	22,000	No
Indeno(1,2,3-cd)pyrene	75	3.6	Yes
Naphthalene	23	190	No
Phenanthrene	360	190*	Yes
Pyrene	400	26,000	No
Inorganics			
Antimony	4.9	750	No
Arsenic	12	3	Yes
Barium	130	100,000	No
Beryllium	0.37	3,400	No
Cadmium	1.5	930	No
Chromium	16	450	No
Cobalt	14	29,000	No
Copper	80	70,000	No
Cyanide	1.5	35*	No
Lead	560	1,000	No
Mercury	1	560	No
Nickel	30	37,000	No
Selenium	2.8	9,400	No
Silver	0.31	9,400	No
Sulfide	200	1,200*	No
Tin	690	100,000	No
Vanadium	22	13,000	No
Zinc	580	100,000	No

- Notes:**
1. PRG = Preliminary Remediation Goal.
 2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
 3. The PRGs listed in this column consist of EPA Region 9 industrial soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
 4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), 3&4-methylphenol, cyanide, or sulfide. The PRGs for naphthalene, 4-methylphenol, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
 5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-99
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-201 (FORMERLY I9-9-11): 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)
REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-11-SB-7 0-1 03/09/05	I9-9-11-SB-9 0-1 03/09/05	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	1.9	0.74	N/A (See Note 5)	1.3	40	No
Benzo(a)pyrene	1.9	0.84	N/A (See Note 5)	1.4	4	No
Benzo(b)fluoranthene	1.9	0.66	N/A (See Note 5)	1.3	40	No
Benzo(k)fluoranthene	1.9	0.70	N/A (See Note 5)	1.3	400	No
Dibenzo(a,h)anthracene	1.9	0.12	N/A (See Note 5)	1.0	4	No
Indeno(1,2,3-cd)pyrene	1.9	0.42	N/A (See Note 5)	1.2	40	No
Phenanthrene	1.9	0.40	N/A (See Note 5)	1.2	1,000	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.30E-06	1.40E-05	1.40E-05	N/A (See Note 5)	5.00E-03	No
Inorganics						
Arsenic	8.00	6.30	N/A (See Note 5)	7.15	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-100
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-201 (FORMERLY I9-9-11): 0- TO 3-FOOT DEPTH INCREMENT (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-11-SB-7 0-1 03/09/05	I9-9-11-SB-9 0-1 03/09/05	I9-9-11-SB-9 1-3 03/09/05	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics							
Benzo(a)anthracene	1.9	0.74	2.2	N/A (See Note 5)	1.6	40	No
Benzo(a)pyrene	1.9	0.84	2.4	N/A (See Note 5)	1.7	4	No
Benzo(b)fluoranthene	1.9	0.66	1.5	N/A (See Note 5)	1.4	40	No
Benzo(k)fluoranthene	1.9	0.70	2.0	N/A (See Note 5)	1.5	400	No
Dibenzo(a,h)anthracene	1.9	0.12	2.0	N/A (See Note 5)	1.3	4	No
Indeno(1,2,3-cd)pyrene	1.9	0.42	0.98	N/A (See Note 5)	1.1	40	No
Phenanthrene	1.9	0.40	1.2	N/A (See Note 5)	1.2	1,000	No
Dioxins/Furans							
Total TEQs (WHO TEFs)	1.30E-06	1.40E-05	5.10E-06	1.40E-05	N/A (See Note 5)	5.00E-03	No
Inorganics							
Arsenic	8.00	6.30	6.40	N/A (See Note 5)	6.90	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-101
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-201 (FORMERLY I9-9-11): 1- TO 6-FOOT DEPTH INCREMENT (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-11-SB-9 1-3 03/09/05	I9-9-11-SB-7 3-6 03/09/05	I9-9-11-SB-7-E 3-6 10/14/05	I9-9-9-SB-1 3-5 06/23/03
Semivolatile Organics				
Benzo(a)anthracene	2.2	110	0.67	0.29
Benzo(a)pyrene	2.4	88	0.58	0.29
Benzo(b)fluoranthene	1.5	84	0.47	0.29
Benzo(k)fluoranthene	2.0	98	0.52	0.29
Dibenzo(a,h)anthracene	2.0	14	0.089	0.29
Indeno(1,2,3-cd)pyrene	0.98	39	0.25	0.29
Phenanthrene	1.2	190	0.52	0.16
Inorganics				
Arsenic	6.40	9.95	--	(See Note 1)
	COMP-I9-9-11-SB-7 3-6 (See Note 2)	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-3 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Semivolatile Organics				
Benzo(a)anthracene	37	20	300	No
Benzo(a)pyrene	30	16	30	No
Benzo(b)fluoranthene	28	15	300	No
Benzo(k)fluoranthene	33	17	3,000	No
Dibenzo(a,h)anthracene	5	3.4	30	No
Indeno(1,2,3-cd)pyrene	13	7.1	300	No
Phenanthrene	64	32	3,000	No
Inorganics				
Arsenic	--	8.18	20	No

Notes:

- The SVOC results presented for I9-9-9-SB-1 (3-5') are used to delineate sample I9-9-11-SB-7 (3-6') to the west. The inorganic results are not presented herein, as these results are included in the evaluation of Parcel I9-9-9.
- The SVOC results presented for this sample location represents the average result from the following samples (depth; date collected): I9-9-11-SB-7 (3-6'; 3/9/05), I9-9-11-SB-7-E (3-6'; 10/14/05), and I9-9-9-SB-1 (3-5'; 6/23/03).
- Each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-3 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent).
- Arithmetic average concentrations of all constituents are compared to Method 1 Soil Standards.

TABLE E-102
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-201 (FORMERLY I9-9-11): 0- TO 15-FOOT DEPTH INCREMENT (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-11-SB-7 0-1 03/09/05	I9-9-11-SB-9 0-1 03/09/05	I9-9-11-SB-9 1-3 03/09/05	I9-9-11-SB-7 3-6 03/09/05	I9-9-11-SB-7-E 3-6 10/14/05	I9-9-9-SB-1 3-5 06/23/03
Semivolatile Organics						
Benzo(a)anthracene	1.9	0.74	2.2	110	0.67	0.29
Benzo(a)pyrene	1.9	0.84	2.4	88	0.58	0.29
Benzo(b)fluoranthene	1.9	0.66	1.5	84	0.47	0.29
Benzo(k)fluoranthene	1.9	0.70	2.0	98	0.52	0.29
Dibenzo(a,h)anthracene	1.9	0.12	2.0	14	0.089	0.29
Indeno(1,2,3-cd)pyrene	1.9	0.42	0.98	39	0.25	0.29
Phenanthrene	1.9	0.40	1.2	190	0.52	0.16
Dioxins/Furans						
Total TEQs (WHO TEFs)	(See Note 8)	(See Note 8)	5.10E-06	1.10E-04	--	(See Note 1)
Inorganics						
Arsenic	8.00	6.30	6.40	9.95	--	(See Note 1)
	COMP-I9-9-11-SB-7 3-6 (See Note 2)	I9-9-11-SB-7 10-15 10/14/05	Maximum Sample Result	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-3 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatile Organics						
Benzo(a)anthracene	37	0.12	N/A (See Note 7)	8.4	300	No
Benzo(a)pyrene	30	0.15	N/A (See Note 7)	7.0	30	No
Benzo(b)fluoranthene	28	0.065	N/A (See Note 7)	6.5	300	No
Benzo(k)fluoranthene	33	0.071	N/A (See Note 7)	7.5	3,000	No
Dibenzo(a,h)anthracene	5	0.22	N/A (See Note 7)	1.8	30	No
Indeno(1,2,3-cd)pyrene	13	0.22	N/A (See Note 7)	3.3	300	No
Phenanthrene	64	0.24	N/A (See Note 7)	13	3,000	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	2.90E-06	1.10E-04	N/A (See Note 7)	2.00E-02	No
Inorganics						
Arsenic	--	6.05	N/A (See Note 7)	7.34	20	No

Notes:

- The SVOC results presented for I9-9-9-SB-1 (3-5') are used to delineate sample I9-9-11-SB-7 (3-6') to the west. The Total TEQs and inorganic results are not presented herein, as these results are included in the evaluation of Parcel I9-9-9.
- The SVOC results presented for this sample location represents the average result from the following samples (depth; date collected): I9-9-11-SB-7 (3-6'; 3/9/05), I9-9-11-SB-7-E (3-6'; 10/14/05), and I9-9-9-SB-1 (3-5'; 6/23/03).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-3 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQs were evaluated in the 1- to 15-foot depth increment only.
- Total TEQ concentrations in italics represent the maximum value for the sample location/depth in question.

TABLE E-103
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-201 (FORMERLY I9-9-11): 1- TO 6-FOOT DEPTH INCREMENT (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-11-SB-9 1-3 03/09/05	I9-9-11-SB-7 3-6 03/09/05	I9-9-11-SB-7-E 3-6 10/14/05	I9-9-9-SB-1 3-5 06/23/03
Semivolatile Organics				
Benzo(a)anthracene	2.2	<i>0.198</i>	0.67	0.29
Benzo(a)pyrene	2.4	<i>0.198</i>	0.58	0.29
Benzo(b)fluoranthene	1.5	<i>0.198</i>	0.47	0.29
Benzo(k)fluoranthene	2.0	<i>0.198</i>	0.52	0.29
Dibenzo(a,h)anthracene	2.0	<i>0.256</i>	0.089	0.29
Indeno(1,2,3-cd)pyrene	0.98	<i>0.256</i>	0.25	0.29
Phenanthrene	1.2	<i>0.198</i>	0.52	0.16
Inorganics				
Arsenic	6.40	9.95	--	(See Note 1)
	COMP-I9-9-11-SB-7 3-6 (See Note 2)	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-3 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Semivolatile Organics				
Benzo(a)anthracene	0.39	1.3	300	No
Benzo(a)pyrene	0.36	1.4	30	No
Benzo(b)fluoranthene	0.32	0.91	300	No
Benzo(k)fluoranthene	0.34	1.2	3,000	No
Dibenzo(a,h)anthracene	0.21	1.1	30	No
Indeno(1,2,3-cd)pyrene	0.27	0.62	300	No
Phenanthrene	0.29	0.75	3,000	No
Inorganics				
Arsenic	--	8.18	20	No

Notes:

- The SVOC results presented for I9-9-9-SB-1 (3-5') are used to delineate sample I9-9-11-SB-7 (3-6') to the west. The inorganic results are not presented herein, as these results are included in the evaluation of Parcel I9-9-9.
- The SVOC results presented for this sample location represents the average result from the following samples (depth; date collected): I9-9-11-SB-7 (3-6'; 3/9/05), I9-9-11-SB-7-E (3-6'; 10/14/05), and I9-9-9-SB-1 (3-5'; 6/23/03).
- Each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-3 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent).
- Arithmetic average concentrations of all constituents are compared to Method 1 Soil Standards.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

**TABLE E-104
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-201 (FORMERLY I9-9-11): 0- TO 15-FOOT DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-11-SB-7 0-1 03/09/05	I9-9-11-SB-9 0-1 03/09/05	I9-9-11-SB-9 1-3 03/09/05	I9-9-11-SB-7 3-6 03/09/05	I9-9-11-SB-7-E 3-6 10/14/05	I9-9-9-SB-1 3-5 06/23/03
Semivolatile Organics						
Benzo(a)anthracene	1.9	0.74	2.2	0.198	0.67	0.29
Benzo(a)pyrene	1.9	0.84	2.4	0.198	0.58	0.29
Benzo(b)fluoranthene	1.9	0.66	1.5	0.198	0.47	0.29
Benzo(k)fluoranthene	1.9	0.70	2.0	0.198	0.52	0.29
Dibenzo(a,h)anthracene	1.9	0.12	2.0	0.256	0.089	0.29
Indeno(1,2,3-cd)pyrene	1.9	0.42	0.98	0.256	0.25	0.29
Phenanthrene	1.9	0.40	1.2	0.198	0.52	0.16
Dioxins/Furans						
Total TEQs (WHO TEFs)	(See Note 8)	(See Note 8)	5.10E-06	1.10E-04	--	(See Note 1)
Inorganics						
Arsenic	8.00	6.30	6.40	9.95	--	(See Note 1)
	COMP-I9-9-11-SB-7 3-6 (See Note 2)	I9-9-11-SB-7 10-15 10/14/05	Maximum Sample Result	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-3 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatile Organics						
Benzo(a)anthracene	0.39	0.12	N/A (See Note 7)	1.1	300	No
Benzo(a)pyrene	0.36	0.15	N/A (See Note 7)	1.1	30	No
Benzo(b)fluoranthene	0.32	0.065	N/A (See Note 7)	0.89	300	No
Benzo(k)fluoranthene	0.34	0.071	N/A (See Note 7)	1.0	3,000	No
Dibenzo(a,h)anthracene	0.21	0.22	N/A (See Note 7)	0.89	30	No
Indeno(1,2,3-cd)pyrene	0.27	0.22	N/A (See Note 7)	0.76	300	No
Phenanthrene	0.29	0.24	N/A (See Note 7)	0.81	3,000	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	2.90E-06	1.10E-04	N/A (See Note 7)	2.00E-02	No
Inorganics						
Arsenic	--	6.05	N/A (See Note 7)	7.34	20	No

Notes:

- The SVOC results presented for I9-9-9-SB-1 (3-5') are used to delineate sample I9-9-11-SB-7 (3-6') to the west. The Total TEQs and inorganic results are not presented herein, as these results are included in the evaluation of Parcel I9-9-9.
- The SVOC results presented for this sample location represents the average result from the following samples (depth; date collected): I9-9-11-SB-7 (3-6'; 3/9/05), I9-9-11-SB-7-E (3-6'; 10/14/05), and I9-9-9-SB-1 (3-5'; 6/23/03).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-3 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQs were evaluated in the 1- to 15-foot depth increment only.
- Total TEQ concentrations in italics represent the maximum value for the sample location/depth in question.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

ARCADIS

Parcel I9-10-8 (bank)

**TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA BH001469 SL-BH001469-0-0000 0-1 04/09/08	EPA BH001469 SL-BH001469-0-0010 1-3 04/09/08	EPA BH001469 SL-BH001469-0-0030 3-6 04/09/08
Volatile Organics					
1,1,1,2-Tetrachloroethane		2.8	NA	NA	NA
1,1,1-Trichloroethane		680	NA	NA	NA
1,1,2,2-Tetrachloroethane		0.36	NA	NA	NA
1,1,2-Trichloroethane		0.82	NA	NA	NA
1,1-Dichloroethane		570	NA	NA	NA
1,1-Dichloroethene		0.052	NA	NA	NA
1,2,3-Trichloropropane		0.0014	NA	NA	NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA	NA
1,2-Dibromoethane		0.0049	NA	NA	NA
1,2-Dichloroethane		0.34	NA	NA	NA
1,2-Dichloropropane		0.34	NA	NA	NA
1,4-Dioxane		40	NA	NA	NA
2-Butanone		6,900	NA	NA	NA
2-Chloro-1,3-butadiene		3.6	NA	NA	NA
2-Chloroethylvinylether		0.18	NA	NA	NA
2-Hexanone		750	NA	NA	NA
3-Chloropropene		2,700	NA	NA	NA
4-Methyl-2-pentanone		750	NA	NA	NA
Acetone		1,400	NA	NA	NA
Acetonitrile		200	NA	NA	NA
Acrolein		0.1	NA	NA	NA
Acrylonitrile		0.19	NA	NA	NA
Benzene		0.62	NA	NA	NA
Bromodichloromethane		0.98	NA	NA	NA
Bromoform		56	NA	NA	NA
Bromomethane		3.8	NA	NA	NA
Carbon Disulfide		350	NA	NA	NA
Carbon Tetrachloride		0.23	NA	NA	NA
Chlorobenzene		54	NA	NA	NA
Chloroethane		1,600	NA	NA	NA
Chloroform		0.24	NA	NA	NA
Chloromethane		1.2	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	NA	NA	NA
Dibromochloromethane		5.3	NA	NA	NA
Dibromomethane		550	NA	NA	NA
Dichlorodifluoromethane		94	NA	NA	NA
Ethyl Methacrylate		140	NA	NA	NA
Ethylbenzene		230	NA	NA	NA
Iodomethane		1.2	NA	NA	NA
Isobutanol		10,000	NA	NA	NA
Methacrylonitrile		1.8	NA	NA	NA
Methyl Methacrylate		2,200	NA	NA	NA
Methylene Chloride		8.5	NA	NA	NA
Propionitrile		200	NA	NA	NA
Styrene		1,700	NA	NA	NA
Tetrachloroethene		4.7	NA	NA	NA
Toluene		520	NA	NA	NA
trans-1,2-Dichloroethene		62	NA	NA	NA
trans-1,3-Dichloropropene		Not Listed	NA	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	NA
Trichloroethene		2.7	NA	NA	NA
Trichlorofluoromethane		380	NA	NA	NA
Vinyl Acetate		420	NA	NA	NA
Vinyl Chloride		0.021	NA	NA	NA
Xylenes (total)		210	NA	NA	NA

**TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA BH001469 SL-BH001469-0-0000 0-1 04/09/08	EPA BH001469 SL-BH001469-0-0010 1-3 04/09/08	EPA BH001469 SL-BH001469-0-0030 3-6 04/09/08
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		16	NA	NA	NA
1,2,4-Trichlorobenzene		480	NA	NA	NA
1,2-Dichlorobenzene		370	NA	NA	NA
1,2-Diphenylhydrazine		0.56	NA	NA	NA
1,3,5-Trinitrobenzene		1,600	NA	NA	NA
1,3-Dichlorobenzene		41	NA	NA	NA
1,3-Dinitrobenzene		5.5	NA	NA	NA
1,4-Dichlorobenzene		3	NA	NA	NA
1,4-Naphthoquinone		55	NA	NA	NA
1-Naphthylamine		Not Listed	NA	NA	NA
2,3,4,6-Tetrachlorophenol		1,600	NA	NA	NA
2,4,5-Trichlorophenol		5,500	NA	NA	NA
2,4,6-Trichlorophenol		40	NA	NA	NA
2,4-Dichlorophenol		160	NA	NA	NA
2,4-Dimethylphenol		1,100	NA	NA	NA
2,4-Dinitrophenol		110	NA	NA	NA
2,4-Dinitrotoluene		110	NA	NA	NA
2,6-Dichlorophenol		160	NA	NA	NA
2,6-Dinitrotoluene		55	NA	NA	NA
2-Acetylaminofluorene		0.56	NA	NA	NA
2-Chloronaphthalene		3,700	NA	NA	NA
2-Chlorophenol		59	NA	NA	NA
2-Methylnaphthalene		55	NA	NA	NA
2-Methylphenol		2,700	NA	NA	NA
2-Naphthylamine		Not Listed	NA	NA	NA
2-Nitroaniline		3.3	NA	NA	NA
2-Nitrophenol		Not Listed	NA	NA	NA
2-Picoline		55	NA	NA	NA
3&4-Methylphenol		270	NA	NA	NA
3,3'-Dichlorobenzidine		0.99	NA	NA	NA
3,3'-Dimethylbenzidine		0.048	NA	NA	NA
3-Methylcholanthrene		0.056	NA	NA	NA
3-Nitroaniline		5.5	NA	NA	NA
4,6-Dinitro-2-methylphenol		55	NA	NA	NA
4-Aminobiphenyl		1,400	NA	NA	NA
4-Bromophenyl-phenylether		160	NA	NA	NA
4-Chloro-3-Methylphenol		2,700	NA	NA	NA
4-Chloroaniline		220	NA	NA	NA
4-Chlorobenzilate		1.6	NA	NA	NA
4-Chlorophenyl-phenylether		Not Listed	NA	NA	NA
4-Methylphenol		270	NA	NA	NA
4-Nitroaniline		5.5	NA	NA	NA
4-Nitrophenol		3,400	NA	NA	NA
4-Nitroquinoline-1-oxide		110	NA	NA	NA
4-Phenylenediamine		10,000	NA	NA	NA
5-Nitro-o-toluidine		13	NA	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	NA	NA	NA
a,a'-Dimethylphenethylamine		55	NA	NA	NA
Acenaphthene		2,600	NA	NA	NA
Acenaphthylene		55	NA	NA	NA
Acetophenone		0.49	NA	NA	NA
Aniline		78	NA	NA	NA
Anthracene		14,000	NA	NA	NA
Aramite		18	NA	NA	NA
Benzidine		0.0019	NA	NA	NA
Benzo(a)anthracene		0.56	NA	NA	NA
Benzo(a)pyrene		0.056	NA	NA	NA
Benzo(b)fluoranthene		0.56	NA	NA	NA
Benzo(g,h,i)perylene		55	NA	NA	NA

**TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA BH001469 SL-BH001469-0-0000 0-1 04/09/08	EPA BH001469 SL-BH001469-0-0010 1-3 04/09/08	EPA BH001469 SL-BH001469-0-0030 3-6 04/09/08
Semivolatile Organics (continued)					
Benzo(k)fluoranthene		5.6	NA	NA	NA
Benzoic Acid		100,000	NA	NA	NA
Benzyl Alcohol		16,000	NA	NA	NA
bis(2-Chloroethoxy)methane		Not Listed	NA	NA	NA
bis(2-Chloroethyl)ether		0.18	NA	NA	NA
bis(2-Chloroisopropyl)ether		2.5	NA	NA	NA
bis(2-Ethylhexyl)phthalate		32	NA	NA	NA
Butylbenzylphthalate		930	NA	NA	NA
Chrysene		56	NA	NA	NA
Diallate		7.3	NA	NA	NA
Dibenzo(a,h)anthracene		0.056	NA	NA	NA
Dibenzofuran		210	NA	NA	NA
Diethylphthalate		44,000	NA	NA	NA
Dimethylphthalate		100,000	NA	NA	NA
Di-n-Butylphthalate		5,500	NA	NA	NA
Di-n-Octylphthalate		1,100	NA	NA	NA
Dinoseb		55	NA	NA	NA
Diphenylamine		1,400	NA	NA	NA
Ethyl Methacrylate		140	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	NA	NA	NA
Fluoranthene		2,000	NA	NA	NA
Fluorene		1,800	NA	NA	NA
Hexachlorobenzene		0.28	NA	NA	NA
Hexachlorobutadiene		5.7	NA	NA	NA
Hexachlorocyclopentadiene		380	NA	NA	NA
Hexachloroethane		32	NA	NA	NA
Hexachlorophene		16	NA	NA	NA
Hexachloropropene		Not Listed	NA	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	NA	NA	NA
Isodrin		Not Listed	NA	NA	NA
Isophorone		470	NA	NA	NA
Isosafrole		Not Listed	NA	NA	NA
Methapyrilene		55	NA	NA	NA
Methyl Methanesulfonate		Not Listed	NA	NA	NA
Naphthalene		55	NA	NA	NA
Nitrobenzene		16	NA	NA	NA
N-Nitrosodiethylamine		0.003	NA	NA	NA
N-Nitrosodimethylamine		0.0087	NA	NA	NA
N-Nitroso-di-n-butylamine		0.022	NA	NA	NA
N-Nitroso-di-n-propylamine		0.063	NA	NA	NA
N-Nitrosodiphenylamine		91	NA	NA	NA
N-Nitrosomethylethylamine		0.02	NA	NA	NA
N-Nitrosomorpholine		0.21	NA	NA	NA
N-Nitrosopiperidine		0.21	NA	NA	NA
N-Nitrosopyrrolidine		0.21	NA	NA	NA
o,o,o-Triethylphosphorothioate		11	NA	NA	NA
o-Toluidine		1.9	NA	NA	NA
p-Dimethylaminoazobenzene		0.99	NA	NA	NA
Pentachlorobenzene		44	NA	NA	NA
Pentachloroethane		2.8	NA	NA	NA
Pentachloronitrobenzene		1.7	NA	NA	NA
Pentachlorophenol		2.5	NA	NA	NA
Phenacetin		640	NA	NA	NA
Phenanthrene		55	NA	NA	NA
Phenol		33,000	NA	NA	NA
Pronamide		4,100	NA	NA	NA
Pyrene		1,500	NA	NA	NA
Pyridine		55	NA	NA	NA
Safrole		Not Listed	NA	NA	NA

**TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA BH001469 SL-BH001469-0-0000 0-1 04/09/08	EPA BH001469 SL-BH001469-0-0010 1-3 04/09/08	EPA BH001469 SL-BH001469-0-0030 3-6 04/09/08
Semivolatile Organics (continued)					
Sulfotep		27	NA	NA	NA
Thionazin		330	NA	NA	NA
Furans					
2,3,7,8-TCDF		Not Applicable	NA	NA	NA
TCDFs (total)		Not Applicable	NA	NA	NA
1,2,3,7,8-PeCDF		Not Applicable	NA	NA	NA
2,3,4,7,8-PeCDF		Not Applicable	NA	NA	NA
PeCDFs (total)		Not Applicable	NA	NA	NA
1,2,3,4,7,8-HxCDF		Not Applicable	NA	NA	NA
1,2,3,6,7,8-HxCDF		Not Applicable	NA	NA	NA
1,2,3,7,8,9-HxCDF		Not Applicable	NA	NA	NA
2,3,4,6,7,8-HxCDF		Not Applicable	NA	NA	NA
HxCDFs (total)		Not Applicable	NA	NA	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	NA	NA	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	NA	NA	NA
HpCDFs (total)		Not Applicable	NA	NA	NA
OCDF		Not Applicable	NA	NA	NA
Dioxins					
2,3,7,8-TCDD		Not Applicable	NA	NA	NA
TCDDs (total)		Not Applicable	NA	NA	NA
1,2,3,7,8-PeCDD		Not Applicable	NA	NA	NA
PeCDDs (total)		Not Applicable	NA	NA	NA
1,2,3,4,7,8-HxCDD		Not Applicable	NA	NA	NA
1,2,3,6,7,8-HxCDD		Not Applicable	NA	NA	NA
1,2,3,7,8,9-HxCDD		Not Applicable	NA	NA	NA
HxCDDs (total)		Not Applicable	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	NA	NA	NA
HpCDDs (total)		Not Applicable	NA	NA	NA
OCDD		Not Applicable	NA	NA	NA
Total TEQs (WHO TEFs)		Not Applicable	NA	NA	NA
Inorganics					
Aluminum		75,000	NA	NA	NA
Antimony		30	NA	NA	NA
Arsenic		0.38	NA	NA	NA
Barium		5,200	NA	NA	NA
Beryllium		150	NA	NA	NA
Cadmium		37	NA	NA	NA
Calcium		Not Listed	NA	NA	NA
Chromium		210	NA	NA	NA
Cobalt		3,300	NA	NA	NA
Copper		2,800	NA	NA	NA
Iron		22,000	NA	NA	NA
Lead		400	577	932	1380
Magnesium		Not Listed	NA	NA	NA
Manganese		3,100	NA	NA	NA
Mercury		22	NA	NA	NA
Nickel		1,500	NA	NA	NA
Potassium		Not Listed	NA	NA	NA
Selenium		370	NA	NA	NA
Silver		370	NA	NA	NA
Sodium		Not Listed	NA	NA	NA
Thallium		6	NA	NA	NA
Tin		45,000	NA	NA	NA
Vanadium		520	NA	NA	NA
Zinc		22,000	NA	NA	NA
Cyanide		11	NA	NA	NA
Sulfide		350	NA	NA	NA

TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-1 Bottom Bank SLB-1-BB 0-0.5 01/19/95	Historical SLB-1 Top Bank SLB-1-TB 0-0.5 10/11/95	PDI I9-10-8-SB-2 I9-10-8-SB-2 0-1 03/07/05	PDI I9-10-8-SB-2 I9-10-8-SB-2 5-7 03/07/05
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	NA	NA	ND(0.0057)	ND(0.0094)
1,1,1-Trichloroethane		680	NA	NA	ND(0.0057)	ND(0.0094)
1,1,2,2-Tetrachloroethane		0.36	NA	NA	ND(0.0057)	ND(0.0094)
1,1,2-Trichloroethane		0.82	NA	NA	ND(0.0057)	ND(0.0094)
1,1-Dichloroethane		570	NA	NA	ND(0.0057)	ND(0.0094)
1,1-Dichloroethene		0.052	NA	NA	ND(0.0057)	ND(0.0094)
1,2,3-Trichloropropane		0.0014	NA	NA	ND(0.0057)	ND(0.0094)
1,2-Dibromo-3-chloropropane		0.32	NA	NA	ND(0.0057)	ND(0.0094)
1,2-Dibromoethane		0.0049	NA	NA	ND(0.0057)	ND(0.0094)
1,2-Dichloroethane		0.34	NA	NA	ND(0.0057)	ND(0.0094)
1,2-Dichloropropane		0.34	NA	NA	ND(0.0057)	ND(0.0094)
1,4-Dioxane		40	NA	NA	ND(0.11)	ND(0.19)
2-Butanone		6,900	NA	NA	ND(0.011)	0.26 J
2-Chloro-1,3-butadiene		3.6	NA	NA	ND(0.0057)	ND(0.0094)
2-Chloroethylvinylether		0.18	NA	NA	ND(0.0057)	ND(0.0094)
2-Hexanone		750	NA	NA	ND(0.011)	ND(0.019)
3-Chloropropene		2,700	NA	NA	ND(0.0057)	ND(0.0094)
4-Methyl-2-pentanone		750	NA	NA	ND(0.011)	ND(0.019)
Acetone		1,400	NA	NA	0.0064 J	0.74 J
Acetonitrile		200	NA	NA	ND(0.11)	ND(0.19)
Acrolein		0.1	NA	NA	ND(0.11) J	ND(0.19) J
Acrylonitrile		0.19	NA	NA	ND(0.0057)	ND(0.0094)
Benzene		0.62	NA	NA	ND(0.0057)	ND(0.0094)
Bromodichloromethane		0.98	NA	NA	ND(0.0057)	ND(0.0094)
Bromoform		56	NA	NA	ND(0.0057)	ND(0.0094)
Bromomethane		3.8	NA	NA	ND(0.0057)	ND(0.0094)
Carbon Disulfide		350	NA	NA	ND(0.0057)	ND(0.0094)
Carbon Tetrachloride		0.23	NA	NA	ND(0.0057)	ND(0.0094)
Chlorobenzene		54	NA	NA	ND(0.0057)	ND(0.0094)
Chloroethane		1,600	NA	NA	ND(0.0057) J	ND(0.0094) J
Chloroform		0.24	NA	NA	ND(0.0057)	ND(0.0094)
Chloromethane		1.2	NA	NA	ND(0.0057)	ND(0.0094)
cis-1,3-Dichloropropene		Not Listed	NA	NA	ND(0.0057)	ND(0.0094)
Dibromochloromethane		5.3	NA	NA	ND(0.0057)	ND(0.0094)
Dibromomethane		550	NA	NA	ND(0.0057)	ND(0.0094)
Dichlorodifluoromethane		94	NA	NA	ND(0.0057)	ND(0.0094)
Ethyl Methacrylate		140	NA	NA	ND(0.0057)	ND(0.0094)
Ethylbenzene		230	NA	NA	ND(0.0057)	ND(0.0094)
Iodomethane		1.2	NA	NA	ND(0.0057)	ND(0.0094)
Isobutanol		10,000	NA	NA	ND(0.11) J	ND(0.19) J
Methacrylonitrile		1.8	NA	NA	ND(0.0057)	ND(0.0094)
Methyl Methacrylate		2,200	NA	NA	ND(0.0057)	ND(0.0094)
Methylene Chloride		8.5	NA	NA	ND(0.0057)	ND(0.0094)
Propionitrile		200	NA	NA	ND(0.011)	ND(0.019)
Styrene		1,700	NA	NA	ND(0.0057)	ND(0.0094)
Tetrachloroethene		4.7	NA	NA	ND(0.0057)	ND(0.0094)
Toluene		520	NA	NA	ND(0.0057)	ND(0.0094)
trans-1,2-Dichloroethene		62	NA	NA	ND(0.0057)	ND(0.0094)
trans-1,3-Dichloropropene		Not Listed	NA	NA	ND(0.0057)	ND(0.0094)
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	ND(0.0057)	ND(0.0094)
Trichloroethene		2.7	NA	NA	ND(0.0057)	ND(0.0094)
Trichlorofluoromethane		380	NA	NA	ND(0.0057)	ND(0.0094)
Vinyl Acetate		420	NA	NA	ND(0.0057)	ND(0.0094)
Vinyl Chloride		0.021	NA	NA	ND(0.0057)	ND(0.0094)
Xylenes (total)		210	NA	NA	0.0055 J	0.0092 J

**TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-1 Bottom Bank SLB-1-BB 0-0.5 01/19/95	Historical SLB-1 Top Bank SLB-1-TB 0-0.5 10/11/95	PDI I9-10-8-SB-2 I9-10-8-SB-2 0-1 03/07/05	PDI I9-10-8-SB-2 I9-10-8-SB-2 5-7 03/07/05
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
1,2,4-Trichlorobenzene		480	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
1,2-Dichlorobenzene		370	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
1,2-Diphenylhydrazine		0.56	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
1,3,5-Trinitrobenzene		1,600	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
1,3-Dichlorobenzene		41	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
1,3-Dinitrobenzene		5.5	ND(95)	ND(2.7)	ND(0.77)	ND(1.2)
1,4-Dichlorobenzene		3	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
1,4-Naphthoquinone		55	ND(95)	ND(2.7)	ND(0.77)	ND(1.2)
1-Naphthylamine		Not Listed	ND(1100)	ND(2.7)	ND(0.77)	ND(1.2)
2,3,4,6-Tetrachlorophenol		1,600	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
2,4,5-Trichlorophenol		5,500	ND(460)	ND(6.5)	ND(0.38)	ND(0.62)
2,4,6-Trichlorophenol		40	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
2,4-Dichlorophenol		160	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
2,4-Dimethylphenol		1,100	NA	ND(2.7)	ND(0.38)	ND(0.62)
2,4-Dinitrophenol		110	ND(460)	ND(6.5)	ND(1.9)	ND(3.2)
2,4-Dinitrotoluene		110	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
2,6-Dichlorophenol		160	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
2,6-Dinitrotoluene		55	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
2-Acetylaminofluorene		0.56	ND(95)	ND(5.3)	ND(0.77)	ND(1.2)
2-Chloronaphthalene		3,700	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
2-Chlorophenol		59	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
2-Methylnaphthalene		55	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
2-Methylphenol		2,700	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
2-Naphthylamine		Not Listed	ND(1600)	ND(2.7)	ND(0.77)	ND(1.2)
2-Nitroaniline		3.3	ND(460)	ND(6.5)	ND(1.9)	ND(3.2)
2-Nitrophenol		Not Listed	ND(95)	ND(2.7)	ND(0.77)	ND(1.2)
2-Picoline		55	ND(670)	ND(5.3)	ND(0.38)	ND(0.62)
3&4-Methylphenol		270	ND(95)	ND(2.7)	ND(0.77)	ND(1.2)
3,3'-Dichlorobenzidine		0.99	ND(190)	ND(5.3)	ND(0.77)	ND(1.2)
3,3'-Dimethylbenzidine		0.048	ND(760)	ND(5.3)	ND(0.38)	ND(0.62)
3-Methylcholanthrene		0.056	ND(290)	ND(2.7)	ND(0.77)	ND(1.2)
3-Nitroaniline		5.5	ND(460)	ND(6.5)	ND(1.9)	ND(3.2)
4,6-Dinitro-2-methylphenol		55	ND(460)	ND(6.5)	ND(0.38)	ND(0.62)
4-Aminobiphenyl		1,400	ND(480)	ND(5.3)	ND(0.77)	ND(1.2)
4-Bromophenyl-phenylether		160	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
4-Chloro-3-Methylphenol		2,700	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
4-Chloroaniline		220	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
4-Chlorobenzilate		1.6	ND(95)	ND(5.3)	ND(0.77)	ND(1.2)
4-Chlorophenyl-phenylether		Not Listed	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
4-Methylphenol		270	ND(95)	NA	NA	NA
4-Nitroaniline		5.5	ND(460)	ND(6.5)	ND(1.9)	ND(3.2)
4-Nitrophenol		3,400	ND(460)	ND(6.5)	ND(1.9)	ND(3.2)
4-Nitroquinoline-1-oxide		110	ND(95)	ND(2.7)	ND(0.77) J	ND(1.2) J
4-Phenylenediamine		10,000	ND(480)	ND(5.3)	ND(0.77)	ND(1.2)
5-Nitro-o-toluidine		13	ND(190)	ND(2.7)	ND(0.77)	ND(1.2)
7,12-Dimethylbenz(a)anthracene		0.056	ND(190)	ND(5.3)	ND(0.77)	ND(1.2)
a,a'-Dimethylphenethylamine		55	ND(95)	ND(2.7)	ND(0.77) J	ND(1.2) J
Acenaphthene		2,600	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
Acenaphthylene		55	ND(95)	1.1 J	0.20 J	ND(0.62)
Acetophenone		0.49	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
Aniline		78	ND(95)	20	ND(0.38) J	ND(0.62) J
Anthracene		14,000	ND(95)	0.63 J	0.17 J	0.052 J
Aramite		18	ND(95)	ND(5.3)	ND(0.77)	ND(1.2)
Benzidine		0.0019	ND(480)	ND(2.7)	ND(0.77) J	ND(1.2) J
Benzo(a)anthracene		0.56	ND(95)	3.6	0.79	0.23 J
Benzo(a)pyrene		0.056	ND(95)	5.1	0.83	0.17 J
Benzo(b)fluoranthene		0.56	ND(95)	5.8	0.81	0.18 J
Benzo(g,h,i)perylene		55	ND(95)	1.1 J	0.60	0.11 J

**TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-1 Bottom Bank SLB-1-BB 0-0.5 01/19/95	Historical SLB-1 Top Bank SLB-1-TB 0-0.5 10/11/95	PDI I9-10-8-SB-2 I9-10-8-SB-2 0-1 03/07/05	PDI I9-10-8-SB-2 I9-10-8-SB-2 5-7 03/07/05
Semivolatile Organics (continued)						
Benzo(k)fluoranthene		5.6	ND(95)	6.3	0.86	0.20 J
Benzoic Acid		100,000	ND(460)	NA	NA	NA
Benzyl Alcohol		16,000	ND(95)	ND(2.7)	ND(0.77)	ND(1.2)
bis(2-Chloroethoxy)methane		Not Listed	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
bis(2-Chloroethyl)ether		0.18	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
bis(2-Chloroisopropyl)ether		2.5	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
bis(2-Ethylhexyl)phthalate		32	ND(95)	0.28 J	0.30 J	ND(0.62)
Butylbenzylphthalate		930	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
Chrysene		56	12 J	5.0	0.79	0.26 J
Diallate		7.3	ND(95)	ND(2.7)	ND(0.77)	ND(1.2)
Dibenzo(a,h)anthracene		0.056	ND(95)	0.36 J	0.12 J	ND(0.62)
Dibenzofuran		210	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
Diethylphthalate		44,000	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
Dimethylphthalate		100,000	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
Di-n-Butylphthalate		5,500	ND(95)	0.29 JB	ND(0.38)	ND(0.62)
Di-n-Octylphthalate		1,100	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
Dinoseb		55	ND(190)	ND(2.7)	NA	NA
Diphenylamine		1,400	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
Ethyl Methacrylate		140	ND(190)	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
Fluoranthene		2,000	ND(95)	8.9	1.2	0.47 J
Fluorene		1,800	ND(95)	ND(2.7)	0.052 J	ND(0.62)
Hexachlorobenzene		0.28	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
Hexachlorobutadiene		5.7	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
Hexachlorocyclopentadiene		380	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
Hexachloroethane		32	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
Hexachlorophene		16	ND(480)	ND(13)	ND(0.77) J	ND(1.2) J
Hexachloropropene		Not Listed	ND(190)	ND(2.7)	ND(0.38)	ND(0.62)
Indeno(1,2,3-cd)pyrene		0.56	ND(95)	1.3 J	0.54	ND(0.62)
Isodrin		Not Listed	ND(95)	NA	ND(0.38)	ND(0.62)
Isophorone		470	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
Isosafrole		Not Listed	ND(95)	ND(2.7)	ND(0.77)	ND(1.2)
Methapyrilene		55	ND(380)	ND(2.7)	ND(0.77) J	ND(1.2) J
Methyl Methanesulfonate		Not Listed	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
Naphthalene		55	ND(95)	0.89 J	0.039 J	0.082 J
Nitrobenzene		16	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
N-Nitrosodiethylamine		0.003	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
N-Nitrosodimethylamine		0.0087	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
N-Nitroso-di-n-butylamine		0.022	ND(190)	ND(2.7)	ND(0.77)	ND(1.2)
N-Nitroso-di-n-propylamine		0.063	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
N-Nitrosodiphenylamine		91	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
N-Nitrosomethylethylamine		0.02	ND(95)	ND(2.7)	ND(0.77)	ND(1.2)
N-Nitrosomorpholine		0.21	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
N-Nitrosopiperidine		0.21	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
N-Nitrosopyrrolidine		0.21	ND(95)	ND(2.7)	ND(0.77)	ND(1.2)
o,o,o-Triethylphosphorothioate		11	ND(95)	NA	ND(0.38)	ND(0.62)
o-Toluidine		1.9	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
p-Dimethylaminoazobenzene		0.99	ND(290)	ND(2.7)	ND(0.77)	ND(1.2)
Pentachlorobenzene		44	ND(190)	ND(2.7)	ND(0.38)	ND(0.62)
Pentachloroethane		2.8	ND(190)	ND(2.7)	ND(0.38)	ND(0.62)
Pentachloronitrobenzene		1.7	ND(190)	ND(2.7)	ND(0.77)	ND(1.2)
Pentachlorophenol		2.5	ND(460)	ND(6.5)	ND(1.9)	ND(3.2)
Phenacetin		640	ND(95)	ND(5.3)	ND(0.77)	ND(1.2)
Phenanthrene		55	ND(95)	3.6	0.61	0.20 J
Phenol		33,000	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
Pronamide		4,100	ND(290)	ND(2.7)	ND(0.38)	ND(0.62)
Pyrene		1,500	ND(95)	7.6	1.2	0.44 J
Pyridine		55	ND(95)	ND(2.7)	ND(0.38)	ND(0.62)
Safrole		Not Listed	ND(95)	ND(2.7)	ND(0.38) J	ND(0.62) J

**TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-1 Bottom Bank SLB-1-BB 0-0.5 01/19/95	Historical SLB-1 Top Bank SLB-1-TB 0-0.5 10/11/95	PDI I9-10-8-SB-2 I9-10-8-SB-2 0-1 03/07/05	PDI I9-10-8-SB-2 I9-10-8-SB-2 5-7 03/07/05
Semivolatile Organics (continued)					
Sulfotep	27	ND(95)	NA	NA	NA
Thionazin	330	ND(95)	NA	ND(0.38)	ND(0.62)
Furans					
2,3,7,8-TCDF	Not Applicable	0.00014 Y	NA	0.000027 Y	0.0000080 Y
TCDFs (total)	Not Applicable	0.0011	NA	0.00022	0.00016
1,2,3,7,8-PeCDF	Not Applicable	ND(0.000064)	NA	0.0000085	0.0000082 J
2,3,4,7,8-PeCDF	Not Applicable	0.00014 J	NA	0.000011	0.000014
PeCDFs (total)	Not Applicable	0.0024	NA	0.00013	0.00011
1,2,3,4,7,8-HxCDF	Not Applicable	0.00022	NA	0.000010	0.000016
1,2,3,6,7,8-HxCDF	Not Applicable	ND(0.000076)	NA	0.0000071	0.000013
1,2,3,7,8,9-HxCDF	Not Applicable	ND(0.000024)	NA	ND(0.0000030)	ND(0.0000057)
2,3,4,6,7,8-HxCDF	Not Applicable	ND(0.000088)	NA	0.0000045 J	0.000014
HxCDFs (total)	Not Applicable	0.00095	NA	0.000086	0.000093
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.00047	NA	0.000037	0.000049
1,2,3,4,7,8,9-HpCDF	Not Applicable	ND(0.000059)	NA	ND(0.0000024)	ND(0.0000039)
HpCDFs (total)	Not Applicable	0.0010	NA	0.000063	0.000061
OCDF	Not Applicable	0.00060	NA	0.000042	0.000014 J
Dioxins					
2,3,7,8-TCDD	Not Applicable	ND(0.0000084)	NA	ND(0.00000018)	ND(0.00000072)
TCDDs (total)	Not Applicable	ND(0.000065)	NA	0.0000034	0.000017
1,2,3,7,8-PeCDD	Not Applicable	ND(0.000017)	NA	ND(0.00000069)	ND(0.0000026)
PeCDDs (total)	Not Applicable	ND(0.00017)	NA	ND(0.0000032)	0.000016
1,2,3,4,7,8-HxCDD	Not Applicable	ND(0.000036)	NA	ND(0.00000090)	ND(0.0000020)
1,2,3,6,7,8-HxCDD	Not Applicable	ND(0.000063)	NA	ND(0.0000025)	ND(0.0000031)
1,2,3,7,8,9-HxCDD	Not Applicable	ND(0.000070)	NA	ND(0.0000028)	ND(0.0000022)
HxCDDs (total)	Not Applicable	0.00027	NA	0.000018	0.000026
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.0011	NA	0.000038	0.000016
HpCDDs (total)	Not Applicable	0.0020	NA	0.00011	0.000031
OCDD	Not Applicable	0.0073	NA	0.00030	0.000022
Total TEQs (WHO TEFs)	Not Applicable	0.00015	NA	0.000012	0.000015
Inorganics					
Aluminum	75,000	3430	NA	NA	NA
Antimony	30	ND(14.6)	NA	ND(6.00)	ND(6.00)
Arsenic	0.38	4.30	NA	17.0	11.0
Barium	5,200	126	NA	76.0	180
Beryllium	150	0.290 B	NA	0.360 B	0.280 B
Cadmium	37	20.8	NA	0.200 B	1.60
Calcium	Not Listed	6480	NA	NA	NA
Chromium	210	94.7	NA	16.0	21.0
Cobalt	3,300	ND(5.80)	NA	13.0	6.30
Copper	2,800	1050	NA	68.0	170
Iron	22,000	21100	NA	NA	NA
Lead	400	396	NA	330	660
Magnesium	Not Listed	1580	NA	NA	NA
Manganese	3,100	266	NA	NA	NA
Mercury	22	1.80	NA	0.290	1.10
Nickel	1,500	63.9	NA	25.0	14.0
Potassium	Not Listed	528 B	NA	NA	NA
Selenium	370	1.70	NA	2.40 J	5.20
Silver	370	24.9	NA	ND(1.00)	0.230 B
Sodium	Not Listed	153 B	NA	NA	NA
Thallium	6	ND(0.570)	NA	ND(1.10)	1.60 B
Tin	45,000	NA	NA	ND(10.0)	56.0
Vanadium	520	121	NA	18.0	17.0
Zinc	22,000	958	NA	150	520
Cyanide	11	ND(1.30)	NA	1.30	0.840
Sulfide	350	NA	NA	18.0	1500

**TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-3 I9-10-8-SB-3 0-1 06/13/03	PDI I9-10-8-SB-3 I9-10-8-SB-3 1-3 06/13/03	PDI I9-10-8-SB-5 I9-10-8-SB-5 0-1 06/13/03	PDI I9-10-8-SB-5 I9-10-8-SB-5 3-5 06/13/03
Parameter					
Volatile Organics					
1,1,1,2-Tetrachloroethane	2.8	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
1,1,1-Trichloroethane	680	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
1,1,2,2-Tetrachloroethane	0.36	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
1,1,2-Trichloroethane	0.82	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
1,1-Dichloroethane	570	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
1,1-Dichloroethene	0.052	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
1,2,3-Trichloropropane	0.0014	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
1,2-Dibromo-3-chloropropane	0.32	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
1,2-Dibromoethane	0.0049	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
1,2-Dichloroethane	0.34	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
1,2-Dichloropropane	0.34	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
1,4-Dioxane	40	ND(0.12) J	ND(0.12) J	ND(0.13) J	ND(0.13) J
2-Butanone	6,900	ND(0.012)	ND(0.012)	ND(0.013)	ND(0.013)
2-Chloro-1,3-butadiene	3.6	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
2-Chloroethylvinylether	0.18	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
2-Hexanone	750	ND(0.012)	ND(0.012)	ND(0.013)	ND(0.013)
3-Chloropropene	2,700	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
4-Methyl-2-pentanone	750	ND(0.012)	ND(0.012)	ND(0.013)	ND(0.013)
Acetone	1,400	ND(0.024)	ND(0.023)	ND(0.026)	ND(0.025)
Acetonitrile	200	ND(0.12) J	ND(0.12) J	ND(0.13) J	ND(0.13) J
Acrolein	0.1	ND(0.12) J	ND(0.12) J	ND(0.13) J	ND(0.13) J
Acrylonitrile	0.19	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
Benzene	0.62	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
Bromodichloromethane	0.98	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
Bromoform	56	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
Bromomethane	3.8	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
Carbon Disulfide	350	ND(0.0060) J	ND(0.0058) J	ND(0.0065) J	ND(0.0064) J
Carbon Tetrachloride	0.23	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
Chlorobenzene	54	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
Chloroethane	1,600	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
Chloroform	0.24	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
Chloromethane	1.2	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
cis-1,3-Dichloropropene	Not Listed	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
Dibromochloromethane	5.3	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
Dibromomethane	550	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
Dichlorodifluoromethane	94	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
Ethyl Methacrylate	140	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
Ethylbenzene	230	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
Iodomethane	1.2	ND(0.0060) J	ND(0.0058) J	ND(0.0065) J	ND(0.0064) J
Isobutanol	10,000	ND(0.12) J	ND(0.12) J	ND(0.13) J	ND(0.13) J
Methacrylonitrile	1.8	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
Methyl Methacrylate	2,200	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
Methylene Chloride	8.5	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
Propionitrile	200	ND(0.012)	ND(0.012)	ND(0.013)	ND(0.013)
Styrene	1,700	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
Tetrachloroethene	4.7	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
Toluene	520	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
trans-1,2-Dichloroethene	62	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
trans-1,3-Dichloropropene	Not Listed	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
trans-1,4-Dichloro-2-butene	Not Listed	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
Trichloroethene	2.7	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
Trichlorofluoromethane	380	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
Vinyl Acetate	420	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
Vinyl Chloride	0.021	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)
Xylenes (total)	210	ND(0.0060)	ND(0.0058)	ND(0.0065)	ND(0.0064)

**TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type:	EPA Region 9	PDI	PDI	PDI	PDI
Location ID:	Residential	19-10-8-SB-3	19-10-8-SB-3	19-10-8-SB-5	19-10-8-SB-5
Sample ID:	PRGs	19-10-8-SB-3	19-10-8-SB-3	19-10-8-SB-5	19-10-8-SB-5
Sample Depth(Feet):		0-1	1-3	0-1	3-5
Date Collected:		06/13/03	06/13/03	06/13/03	06/13/03
Parameter					
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	16	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
1,2,4-Trichlorobenzene	480	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
1,2-Dichlorobenzene	370	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
1,2-Diphenylhydrazine	0.56	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
1,3,5-Trinitrobenzene	1,600	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
1,3-Dichlorobenzene	41	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
1,3-Dinitrobenzene	5.5	ND(0.81)	ND(0.78)	ND(0.88)	ND(0.85)
1,4-Dichlorobenzene	3	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
1,4-Naphthoquinone	55	ND(0.81)	ND(0.78)	ND(0.88)	ND(0.85)
1-Naphthylamine	Not Listed	ND(0.81)	ND(0.78)	ND(0.88)	ND(0.85)
2,3,4,6-Tetrachlorophenol	1,600	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
2,4,5-Trichlorophenol	5,500	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
2,4,6-Trichlorophenol	40	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
2,4-Dichlorophenol	160	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
2,4-Dimethylphenol	1,100	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
2,4-Dinitrophenol	110	ND(2.0) J	ND(2.0) J	ND(2.2) J	ND(2.2) J
2,4-Dinitrotoluene	110	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
2,6-Dichlorophenol	160	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
2,6-Dinitrotoluene	55	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
2-Acetylaminofluorene	0.56	ND(0.81)	ND(0.78)	ND(0.88)	ND(0.85)
2-Chloronaphthalene	3,700	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
2-Chlorophenol	59	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
2-Methylnaphthalene	55	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
2-Methylphenol	2,700	0.25 J	0.19 J	0.21 J	0.22 J
2-Naphthylamine	Not Listed	ND(0.81)	ND(0.78)	ND(0.88)	ND(0.85)
2-Nitroaniline	3.3	ND(2.0)	ND(2.0)	ND(2.2)	ND(2.2)
2-Nitrophenol	Not Listed	ND(0.81)	ND(0.78)	ND(0.88)	ND(0.85)
2-Picoline	55	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
3&4-Methylphenol	270	0.28 J	0.25 J	0.24 J	0.69 J
3,3'-Dichlorobenzidine	0.99	ND(0.81)	ND(0.78)	ND(0.88)	ND(0.85)
3,3'-Dimethylbenzidine	0.048	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
3-Methylcholanthrene	0.056	ND(0.81)	ND(0.78)	ND(0.88)	ND(0.85)
3-Nitroaniline	5.5	ND(2.0)	ND(2.0)	ND(2.2)	ND(2.2)
4,6-Dinitro-2-methylphenol	55	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
4-Aminobiphenyl	1,400	ND(0.81)	ND(0.78)	ND(0.88)	ND(0.85)
4-Bromophenyl-phenylether	160	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
4-Chloro-3-Methylphenol	2,700	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
4-Chloroaniline	220	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
4-Chlorobenzilate	1.6	ND(0.81)	ND(0.78)	ND(0.88)	ND(0.85)
4-Chlorophenyl-phenylether	Not Listed	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
4-Methylphenol	270	NA	NA	NA	NA
4-Nitroaniline	5.5	ND(2.0)	ND(2.0)	ND(2.2)	ND(2.2)
4-Nitrophenol	3,400	ND(2.0) J	ND(2.0) J	ND(2.2) J	ND(2.2) J
4-Nitroquinoline-1-oxide	110	ND(0.81)	ND(0.78)	ND(0.88)	ND(0.85)
4-Phenylenediamine	10,000	ND(0.81)	ND(0.78)	ND(0.88)	ND(0.85)
5-Nitro-o-toluidine	13	ND(0.81)	ND(0.78)	ND(0.88)	ND(0.85)
7,12-Dimethylbenz(a)anthracene	0.056	ND(0.81)	ND(0.78)	ND(0.88)	ND(0.85)
a,a'-Dimethylphenethylamine	55	ND(0.81)	ND(0.78)	ND(0.88)	ND(0.85)
Acenaphthene	2,600	ND(0.40)	0.094 J	ND(0.44)	ND(0.42)
Acenaphthylene	55	0.12 J	ND(0.39)	ND(0.44)	ND(0.42)
Acetophenone	0.49	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
Aniline	78	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
Anthracene	14,000	1.1	0.11 J	ND(0.44)	0.16 J
Aramite	18	ND(0.81)	ND(0.78)	ND(0.88)	ND(0.85)
Benzidine	0.0019	ND(0.81) J	ND(0.78) J	ND(0.88) J	ND(0.85) J
Benzo(a)anthracene	0.56	1.1	0.31 J	ND(0.44)	0.40 J
Benzo(a)pyrene	0.056	1.0	0.30 J	ND(0.44)	0.33 J
Benzo(b)fluoranthene	0.56	1.3	0.34 J	ND(0.44)	0.39 J
Benzo(g,h,i)perylene	55	0.69	0.23 J	ND(0.44)	0.20 J

**TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type:	EPA Region 9	PDI	PDI	PDI	PDI
Location ID:	Residential	19-10-8-SB-3	19-10-8-SB-3	19-10-8-SB-5	19-10-8-SB-5
Sample ID:	PRGs	19-10-8-SB-3	19-10-8-SB-3	19-10-8-SB-5	19-10-8-SB-5
Sample Depth(Feet):		0-1	1-3	0-1	3-5
Date Collected:		06/13/03	06/13/03	06/13/03	06/13/03
Parameter					
Semivolatile Organics (continued)					
Benzo(k)fluoranthene	5.6	0.49	0.12 J	ND(0.44)	0.12 J
Benzoic Acid	100,000	NA	NA	NA	NA
Benzyl Alcohol	16,000	ND(0.81)	0.25 J	ND(0.88)	ND(0.85)
bis(2-Chloroethoxy)methane	Not Listed	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
bis(2-Chloroethyl)ether	0.18	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
bis(2-Chloroisopropyl)ether	2.5	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
bis(2-Ethylhexyl)phthalate	32	ND(0.40)	ND(0.38)	ND(0.43)	ND(0.42)
Butylbenzylphthalate	930	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
Chrysene	56	1.2	0.23 J	ND(0.44)	0.41 J
Diallate	7.3	ND(0.81)	ND(0.78)	ND(0.88)	ND(0.85)
Dibenzo(a,h)anthracene	0.056	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
Dibenzofuran	210	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
Diethylphthalate	44,000	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
Dimethylphthalate	100,000	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
Di-n-Butylphthalate	5,500	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
Di-n-Octylphthalate	1,100	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
Dinoseb	55	NA	NA	NA	NA
Diphenylamine	1,400	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
Ethyl Methacrylate	140	NA	NA	NA	NA
Ethyl Methanesulfonate	Not Listed	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
Fluoranthene	2,000	2.8	0.51	0.12 J	1.1
Fluorene	1,800	ND(0.40)	0.12 J	ND(0.44)	ND(0.42)
Hexachlorobenzene	0.28	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
Hexachlorobutadiene	5.7	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
Hexachlorocyclopentadiene	380	ND(0.40) J	ND(0.39) J	ND(0.44) J	ND(0.42) J
Hexachloroethane	32	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
Hexachlorophene	16	ND(0.81) J	ND(0.78) J	ND(0.88) J	ND(0.85) J
Hexachloropropene	Not Listed	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
Indeno(1,2,3-cd)pyrene	0.56	0.68	0.17 J	ND(0.44)	0.22 J
Isodrin	Not Listed	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
Isophorone	470	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
Isosafrole	Not Listed	ND(0.81)	ND(0.78)	ND(0.88)	ND(0.85)
Methapyriline	55	ND(0.81)	ND(0.78)	ND(0.88)	ND(0.85)
Methyl Methanesulfonate	Not Listed	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
Naphthalene	55	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
Nitrobenzene	16	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
N-Nitrosodiethylamine	0.003	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
N-Nitrosodimethylamine	0.0087	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
N-Nitroso-di-n-butylamine	0.022	ND(0.81)	ND(0.78)	ND(0.88)	ND(0.85)
N-Nitroso-di-n-propylamine	0.063	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
N-Nitrosodiphenylamine	91	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
N-Nitrosomethylethylamine	0.02	ND(0.81)	ND(0.78)	ND(0.88)	ND(0.85)
N-Nitrosomorpholine	0.21	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
N-Nitrosopiperidine	0.21	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
N-Nitrosopyrrolidine	0.21	ND(0.81)	ND(0.78)	ND(0.88)	ND(0.85)
o,o,o-Triethylphosphorothioate	11	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
o-Toluidine	1.9	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
p-Dimethylaminoazobenzene	0.99	ND(0.81)	0.25 J	ND(0.88)	ND(0.85)
Pentachlorobenzene	44	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
Pentachloroethane	2.8	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
Pentachloronitrobenzene	1.7	ND(0.81) J	ND(0.78) J	ND(0.88) J	ND(0.85) J
Pentachlorophenol	2.5	ND(2.0)	ND(2.0)	ND(2.2)	ND(2.2)
Phenacetin	640	ND(0.81)	ND(0.78)	ND(0.88)	ND(0.85)
Phenanthrene	55	1.0	0.30 J	ND(0.44)	0.58
Phenol	33,000	0.66	0.47	0.83	0.86
Pronamide	4,100	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
Pyrene	1,500	2.6	0.46	0.12 J	0.88
Pyridine	55	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)
Safrole	Not Listed	ND(0.40)	ND(0.39)	ND(0.44)	ND(0.42)

**TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-3 I9-10-8-SB-3 0-1 06/13/03	PDI I9-10-8-SB-3 I9-10-8-SB-3 1-3 06/13/03	PDI I9-10-8-SB-5 I9-10-8-SB-5 0-1 06/13/03	PDI I9-10-8-SB-5 I9-10-8-SB-5 3-5 06/13/03
Parameter					
Semivolatile Organics (continued)					
Sulfotep	27	NA	NA	NA	NA
Thionazin	330	ND(0.40) J	ND(0.39) J	ND(0.44) J	ND(0.42) J
Furans					
2,3,7,8-TCDF	Not Applicable	0.0000097 YI	ND(0.0000023)	ND(0.0000020)	0.000013 YI
TCDFs (total)	Not Applicable	0.00013	0.0000052	ND(0.0000020)	0.00023
1,2,3,7,8-PeCDF	Not Applicable	0.0000032	ND(0.0000019)	ND(0.0000012)	0.0000034 I
2,3,4,7,8-PeCDF	Not Applicable	0.0000046	ND(0.0000020)	ND(0.0000013)	0.0000054
PeCDFs (total)	Not Applicable	0.000054	0.0000062	ND(0.0000012)	0.00010
1,2,3,4,7,8-HxCDF	Not Applicable	0.000022 I	0.0000011 I	ND(0.0000011)	0.000039 I
1,2,3,6,7,8-HxCDF	Not Applicable	0.0000022	ND(0.0000013)	ND(0.0000011)	0.0000033
1,2,3,7,8,9-HxCDF	Not Applicable	ND(0.0000036)	ND(0.0000017)	ND(0.0000014)	ND(0.0000047)
2,3,4,6,7,8-HxCDF	Not Applicable	0.0000024	ND(0.0000015)	ND(0.0000012)	0.0000029
HxCDFs (total)	Not Applicable	0.000064	0.0000015	ND(0.0000011)	0.000073
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.000013	0.0000011	0.00000084	0.000020
1,2,3,4,7,8,9-HpCDF	Not Applicable	0.0000011	ND(0.0000010)	ND(0.0000017)	0.0000016
HpCDFs (total)	Not Applicable	0.000015	0.0000011	0.00000084	0.000022
OCDF	Not Applicable	ND(0.000023) X	0.0000016	ND(0.0000070) J	0.000022
Dioxins					
2,3,7,8-TCDD	Not Applicable	ND(0.0000019)	ND(0.0000012)	ND(0.0000015)	ND(0.0000023)
TCDDs (total)	Not Applicable	0.000040	ND(0.0000012)	ND(0.0000015)	0.000022
1,2,3,7,8-PeCDD	Not Applicable	ND(0.0000045)	ND(0.0000021)	ND(0.0000018)	ND(0.0000011)
PeCDDs (total)	Not Applicable	ND(0.0000045)	ND(0.0000021)	ND(0.0000018)	ND(0.0000011)
1,2,3,4,7,8-HxCDD	Not Applicable	ND(0.0000042)	ND(0.0000018)	ND(0.0000018)	ND(0.0000042)
1,2,3,6,7,8-HxCDD	Not Applicable	0.0000012	ND(0.0000016)	ND(0.0000016)	0.0000013
1,2,3,7,8,9-HxCDD	Not Applicable	0.0000015	ND(0.0000016)	ND(0.0000016)	0.0000016
HxCDDs (total)	Not Applicable	0.0000058	ND(0.0000016)	ND(0.0000016)	0.0000052
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.000014	0.0000012	0.00000031	0.000025
HpCDDs (total)	Not Applicable	0.000028	0.0000021	0.00000031	0.000043
OCDD	Not Applicable	0.000010	0.0000075	ND(0.0000016) X	0.000019
Total TEQs (WHO TEFs)	Not Applicable	0.0000070	0.0000041	0.0000027	0.000010
Inorganics					
Aluminum	75,000	NA	NA	NA	NA
Antimony	30	2.60 B	ND(6.00)	1.40 B	2.00 B
Arsenic	0.38	23.0	6.70	5.30	6.60
Barium	5,200	100	36.0	88.0	53.0
Beryllium	150	0.210 B	0.160 B	0.160 B	0.110 B
Cadmium	37	0.150 B	ND(0.500)	1.40	ND(0.500)
Calcium	Not Listed	NA	NA	NA	NA
Chromium	210	12.0	4.60	18.0	4.20
Cobalt	3,300	8.40	6.80	6.40	5.60
Copper	2,800	92.0	20.0	67.0	50.0
Iron	22,000	NA	NA	NA	NA
Lead	400	250	40.0	440	170
Magnesium	Not Listed	NA	NA	NA	NA
Manganese	3,100	NA	NA	NA	NA
Mercury	22	0.500	0.0920 B	0.240	0.350
Nickel	1,500	18.0	9.50	13.0	8.70
Potassium	Not Listed	NA	NA	NA	NA
Selenium	370	0.740 J	ND(1.00) J	1.00 J	ND(1.00) J
Silver	370	0.140 B	0.200 B	0.220 B	0.130 B
Sodium	Not Listed	NA	NA	NA	NA
Thallium	6	ND(1.20)	ND(1.20)	ND(1.30)	ND(1.30)
Tin	45,000	ND(21.0)	ND(10.0)	ND(20.0)	22.0
Vanadium	520	10.0	5.30	11.0	9.20
Zinc	22,000	130	28.0	260	74.0
Cyanide	11	0.160	0.0930 B	0.500	0.260
Sulfide	350	ND(6.00)	28.0	88.0	77.0

**TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-9 I9-10-8-SB-9 0-1 06/16/03	PDI I9-10-8-SB-9 I9-10-8-SB-9 1-3 06/16/03	PDI I9-10-8-SB-9 I9-10-8-SB-9 1-3 03/08/05	PDI I9-10-8-SB-16-E I9-10-8-SB-16-E 0-1 05/01/07
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
1,1,1-Trichloroethane		680	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
1,1,2,2-Tetrachloroethane		0.36	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
1,1,2-Trichloroethane		0.82	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
1,1-Dichloroethane		570	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
1,1-Dichloroethene		0.052	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
1,2,3-Trichloropropane		0.0014	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
1,2-Dibromo-3-chloropropane		0.32	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
1,2-Dibromoethane		0.0049	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
1,2-Dichloroethane		0.34	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
1,2-Dichloropropane		0.34	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
1,4-Dioxane		40	ND(0.24) J [ND(0.13) J]	ND(0.14) J	NA	NA
2-Butanone		6,900	ND(0.024) [0.037]	ND(0.014)	NA	NA
2-Chloro-1,3-butadiene		3.6	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
2-Chloroethylvinylether		0.18	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
2-Hexanone		750	ND(0.024) [ND(0.013)]	ND(0.014)	NA	NA
3-Chloropropene		2,700	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
4-Methyl-2-pentanone		750	ND(0.024) [ND(0.013)]	ND(0.014)	NA	NA
Acetone		1,400	ND(0.048) [0.11]	ND(0.028)	NA	NA
Acetonitrile		200	ND(0.24) J [ND(0.13) J]	ND(0.14) J	NA	NA
Acrolein		0.1	ND(0.24) J [ND(0.13) J]	ND(0.14) J	NA	NA
Acrylonitrile		0.19	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Benzene		0.62	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Bromodichloromethane		0.98	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Bromoform		56	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Bromomethane		3.8	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Carbon Disulfide		350	ND(0.012) J [ND(0.0064) J]	ND(0.0071) J	NA	NA
Carbon Tetrachloride		0.23	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Chlorobenzene		54	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Chloroethane		1,600	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Chloroform		0.24	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Chloromethane		1.2	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
cis-1,3-Dichloropropene		Not Listed	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Dibromochloromethane		5.3	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Dibromomethane		550	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Dichlorodifluoromethane		94	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Ethyl Methacrylate		140	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Ethylbenzene		230	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Iodomethane		1.2	ND(0.012) J [ND(0.0064) J]	ND(0.0071) J	NA	NA
Isobutanol		10,000	ND(0.24) J [ND(0.13) J]	ND(0.14) J	NA	NA
Methacrylonitrile		1.8	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Methyl Methacrylate		2,200	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Methylene Chloride		8.5	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Propionitrile		200	ND(0.024) [ND(0.013)]	ND(0.014)	NA	NA
Styrene		1,700	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Tetrachloroethene		4.7	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Toluene		520	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
trans-1,2-Dichloroethene		62	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
trans-1,3-Dichloropropene		Not Listed	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Trichloroethene		2.7	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Trichlorofluoromethane		380	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Vinyl Acetate		420	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Vinyl Chloride		0.021	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Xylenes (total)		210	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA

**TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	PDI	PDI	PDI
	19-10-8-SB-9 19-10-8-SB-9 0-1 06/16/03		19-10-8-SB-9 19-10-8-SB-9 1-3 06/16/03	19-10-8-SB-9 19-10-8-SB-9 1-3 03/08/05	19-10-8-SB-16-E 19-10-8-SB-16-E 0-1 05/01/07	
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	16		ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
1,2,4-Trichlorobenzene	480		ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
1,2-Dichlorobenzene	370		ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
1,2-Diphenylhydrazine	0.56		ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
1,3,5-Trinitrobenzene	1,600		ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
1,3-Dichlorobenzene	41		ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
1,3-Dinitrobenzene	5.5		ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
1,4-Dichlorobenzene	3		0.24 J [0.092 J]	R	ND(7.2)	NA
1,4-Naphthoquinone	55		ND(1.6) [ND(0.85)]	R	ND(7.2) J	NA
1-Naphthylamine	Not Listed		ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
2,3,4,6-Tetrachlorophenol	1,600		ND(0.80) [ND(0.42)]	ND(0.66)	ND(7.2)	NA
2,4,5-Trichlorophenol	5,500		ND(0.80) [ND(0.42)]	ND(0.66)	ND(7.2)	NA
2,4,6-Trichlorophenol	40		ND(0.80) [ND(0.42)]	ND(0.66)	ND(7.2)	NA
2,4-Dichlorophenol	160		ND(0.80) [ND(0.42)]	ND(0.66)	ND(7.2)	NA
2,4-Dimethylphenol	1,100		ND(0.80) [ND(0.42)]	ND(0.66)	ND(7.2)	NA
2,4-Dinitrophenol	110		ND(4.1) J [ND(2.2) J]	ND(3.3)	ND(36) J	NA
2,4-Dinitrotoluene	110		ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
2,6-Dichlorophenol	160		ND(0.80) [ND(0.42)]	ND(0.66)	ND(7.2)	NA
2,6-Dinitrotoluene	55		ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
2-Acetylaminofluorene	0.56		ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
2-Chloronaphthalene	3,700		ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
2-Chlorophenol	59		ND(0.80) [ND(0.42)]	ND(0.66)	ND(7.2)	NA
2-Methylnaphthalene	55		ND(0.80) [ND(0.42)]	0.18 J	ND(7.2)	NA
2-Methylphenol	2,700		0.20 J [ND(0.42)]	ND(0.66)	ND(7.2)	NA
2-Naphthylamine	Not Listed		ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
2-Nitroaniline	3.3		ND(4.1) [ND(2.2)]	R	ND(36)	NA
2-Nitrophenol	Not Listed		ND(1.6) [ND(0.85)]	ND(0.95)	ND(7.2)	NA
2-Picoline	55		ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
3&4-Methylphenol	270		0.27 J [ND(0.85)]	ND(0.95)	ND(7.2)	NA
3,3'-Dichlorobenzidine	0.99		ND(1.6) [ND(0.85)]	R	ND(14)	NA
3,3'-Dimethylbenzidine	0.048		ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
3-Methylcholanthrene	0.056		ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
3-Nitroaniline	5.5		ND(4.1) [ND(2.2)]	R	ND(36)	NA
4,6-Dinitro-2-methylphenol	55		ND(0.80) [ND(0.42)]	ND(0.66)	ND(7.2) J	NA
4-Aminobiphenyl	1,400		ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
4-Bromophenyl-phenylether	160		ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
4-Chloro-3-Methylphenol	2,700		ND(0.80) [ND(0.42)]	ND(0.66)	ND(7.2)	NA
4-Chloroaniline	220		ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
4-Chlorobenzilate	1.6		ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
4-Chlorophenyl-phenylether	Not Listed		ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
4-Methylphenol	270		NA	NA	NA	NA
4-Nitroaniline	5.5		ND(4.1) [ND(2.2)]	R	ND(7.2)	NA
4-Nitrophenol	3,400		ND(4.1) J [ND(2.2) J]	ND(3.3)	ND(36)	NA
4-Nitroquinoline-1-oxide	110		ND(1.6) [ND(0.85)]	R	ND(7.2) J	NA
4-Phenylenediamine	10,000		ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
5-Nitro-o-toluidine	13		ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
7,12-Dimethylbenz(a)anthracene	0.056		ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
a,a'-Dimethylphenethylamine	55		ND(1.6) [ND(0.85)]	R	ND(7.2) J	NA
Acenaphthene	2,600		0.40 J [ND(0.42)]	2.6 J	15	NA
Acenaphthylene	55		0.20 J [ND(0.42)]	R	1.6 J	NA
Acetophenone	0.49		ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Aniline	78		15 J [0.14 J]	0.64 J	ND(7.2) J	NA
Anthracene	14,000		0.43 J [0.099 J]	R	2.0 J	NA
Aramite	18		ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
Benzidine	0.0019		ND(1.6) [ND(0.85)]	R	ND(14) J	NA
Benzo(a)anthracene	0.56		1.6 J [0.32 J]	0.37 J	6.2 J	NA
Benzo(a)pyrene	0.056		1.3 J [0.32 J]	0.36 J	6.4 J	NA
Benzo(b)fluoranthene	0.56		1.4 J [0.34 J]	R	5.4 J	NA
Benzo(g,h,i)perylene	55		ND(0.80) [ND(0.42)]	0.14 J	4.2 J	NA

**TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	PDI	PDI	PDI
			I9-10-8-SB-9 I9-10-8-SB-9 0-1 06/16/03	I9-10-8-SB-9 I9-10-8-SB-9 1-3 06/16/03	I9-10-8-SB-9 I9-10-8-SB-9 1-3 03/08/05	I9-10-8-SB-16-E I9-10-8-SB-16-E 0-1 05/01/07
Semivolatile Organics (continued)						
Benzo(k)fluoranthene		5.6	1.3 J [0.30 J]	R	6.2 J	NA
Benzoic Acid		100,000	NA	NA	NA	NA
Benzyl Alcohol		16,000	ND(1.6) [ND(0.85)]	ND(1.3)	ND(14)	NA
bis(2-Chloroethoxy)methane		Not Listed	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
bis(2-Chloroethyl)ether		0.18	ND(0.80) J [ND(0.42) J]	R	ND(7.2)	NA
bis(2-Chloroisopropyl)ether		2.5	ND(0.80) J [ND(0.42) J]	R	ND(7.2)	NA
bis(2-Ethylhexyl)phthalate		32	ND(0.80) [ND(0.42)]	R	ND(3.6)	NA
Butylbenzylphthalate		930	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Chrysene		56	2.1 J [0.43 J]	0.42 J	8.0	NA
Diallate		7.3	ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
Dibenzo(a,h)anthracene		0.056	ND(0.80) [ND(0.42)]	R	0.76 J	NA
Dibenzofuran		210	0.20 J [ND(0.42)]	R	ND(7.2)	NA
Diethylphthalate		44,000	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Dimethylphthalate		100,000	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Di-n-Butylphthalate		5,500	ND(0.80) [ND(0.42)]	ND(0.66)	ND(7.2)	NA
Di-n-Octylphthalate		1,100	ND(0.80) [ND(0.42)]	ND(0.66)	ND(7.2)	NA
Dinoseb		55	NA	NA	NA	NA
Diphenylamine		1,400	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Ethyl Methacrylate		140	NA	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Fluoranthene		2,000	0.83 J [0.83 J]	0.85 J	13	NA
Fluorene		1,800	0.34 J [ND(0.42)]	R	1.2 J	NA
Hexachlorobenzene		0.28	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Hexachlorobutadiene		5.7	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Hexachlorocyclopentadiene		380	ND(0.80) J [ND(0.42) J]	R	ND(7.2) J	NA
Hexachloroethane		32	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Hexachlorophene		16	ND(1.6) J [ND(0.85) J]	0.28 J	ND(14) J	NA
Hexachloropropene		Not Listed	ND(0.80) J [ND(0.42) J]	R	ND(7.2)	NA
Indeno(1,2,3-cd)pyrene		0.56	ND(0.80) [ND(0.42)]	0.18 J	3.1 J	NA
Isodrin		Not Listed	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Isophorone		470	ND(0.80) [ND(0.42)]	R	ND(7.2) J	NA
Isosafrole		Not Listed	ND(1.6) [ND(0.85)]	R	ND(7.2) J	NA
Methapyrilene		55	ND(1.6) [ND(0.85)]	R	ND(7.2) J	NA
Methyl Methanesulfonate		Not Listed	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Naphthalene		55	0.28 J [ND(0.42)]	ND(0.95) J	ND(7.2)	NA
Nitrobenzene		16	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
N-Nitrosodiethylamine		0.003	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
N-Nitrosodimethylamine		0.0087	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
N-Nitroso-di-n-butylamine		0.022	ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
N-Nitroso-di-n-propylamine		0.063	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
N-Nitrosodiphenylamine		91	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
N-Nitrosomethylethylamine		0.02	ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
N-Nitrosomorpholine		0.21	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
N-Nitrosopiperidine		0.21	ND(0.80) [ND(0.42)]	ND(0.66)	ND(7.2)	NA
N-Nitrosopyrrolidine		0.21	ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
o,o,o-Triethylphosphorothioate		11	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
o-Toluidine		1.9	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
p-Dimethylaminoazobenzene		0.99	ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
Pentachlorobenzene		44	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Pentachloroethane		2.8	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Pentachloronitrobenzene		1.7	ND(1.6) J [ND(0.85) J]	R	ND(7.2)	NA
Pentachlorophenol		2.5	ND(4.1) [ND(2.2)]	ND(3.3)	ND(36)	NA
Phenacetin		640	ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
Phenanthrene		55	1.8 J [0.39 J]	0.44 J	6.3 J	NA
Phenol		33,000	1.2 J [0.16 J]	0.25 J	ND(7.2)	NA
Pronamide		4,100	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Pyrene		1,500	4.0 J [0.83 J]	0.87 J	16	NA
Pyridine		55	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Safrole		Not Listed	ND(0.80) [ND(0.42)]	R	ND(7.2) J	NA

**TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type:	Location ID:	PDI	PDI	PDI	PDI
Sample ID:	EPA Region 9	I9-10-8-SB-9	I9-10-8-SB-9	I9-10-8-SB-9	I9-10-8-SB-16-E
Sample Depth(Feet):	Residential	I9-10-8-SB-9	I9-10-8-SB-9	I9-10-8-SB-9	I9-10-8-SB-16-E
Date Collected:	PRGs	0-1	1-3	1-3	0-1
Parameter		06/16/03	06/16/03	03/08/05	05/01/07
Semivolatile Organics (continued)					
Sulfotep	27	NA	NA	NA	NA
Thionazin	330	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Furans					
2,3,7,8-TCDF	Not Applicable	ND(0.000079) XY [ND(0.000025)]	ND(0.0000095) Y	NA	NA
TCDFs (total)	Not Applicable	0.0060 J [0.00039 J]	0.00086	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	0.0016 I [ND(0.000020)]	0.00021 I	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	0.00033 [ND(0.000021)]	0.000036	NA	NA
PeCDFs (total)	Not Applicable	0.0019 J [0.00025 J]	0.0014	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	0.012 IJ [0.00021 IJ]	0.0012 I	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	0.00037 [ND(0.000092)]	0.000039	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	0.00050 [ND(0.000012)]	ND(0.000010)	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	0.00025 [ND(0.000010)]	ND(0.0000087)	NA	NA
HxCDFs (total)	Not Applicable	0.020 J [0.00032 J]	0.0017	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.0013 J [ND(0.000046) XJ]	0.00013	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	0.00036 [ND(0.0000083)]	0.000032	NA	NA
HpCDFs (total)	Not Applicable	0.0018 [ND(0.0000064)]	0.00016	NA	NA
OCDF	Not Applicable	0.0013 J [0.000060 J]	0.00010	NA	NA
Dioxins					
2,3,7,8-TCDD	Not Applicable	ND(0.000030) [ND(0.0000095)]	ND(0.0000089)	NA	NA
TCDDs (total)	Not Applicable	0.00014 [ND(0.0000095)]	ND(0.0000089)	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	ND(0.00012) [ND(0.000019)]	ND(0.000026)	NA	NA
PeCDDs (total)	Not Applicable	ND(0.00012) [ND(0.000019)]	ND(0.000026)	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	ND(0.000082) [ND(0.000016)]	ND(0.000019)	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	ND(0.000074) [ND(0.000014)]	ND(0.000017)	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	0.00020 [ND(0.000014)]	ND(0.000017)	NA	NA
HxCDDs (total)	Not Applicable	0.00020 [ND(0.000014)]	ND(0.000017)	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.0022 J [0.00010 J]	0.00013	NA	NA
HpCDDs (total)	Not Applicable	0.0039 J [0.00010 J]	0.00025	NA	NA
OCDD	Not Applicable	0.0075 J [0.00038 J]	0.00040	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	0.0017 [0.000047]	0.00018	NA	NA
Inorganics					
Aluminum	75,000	NA	NA	NA	NA
Antimony	30	5.30 J [1.10 J]	1.20 J	NA	NA
Arsenic	0.38	11.0 J [6.50 J]	9.00 J	NA	NA
Barium	5,200	120 [90.0]	48.0	NA	NA
Beryllium	150	0.230 B [0.170 B]	0.190 B	NA	NA
Cadmium	37	11.0 J [0.910 J]	ND(0.500) J	NA	NA
Calcium	Not Listed	NA	NA	NA	NA
Chromium	210	35.0 J [9.40 J]	9.70 J	NA	NA
Cobalt	3,300	6.00 [4.50 B]	8.80	NA	NA
Copper	2,800	300 J [49.0 J]	36.0 J	NA	NA
Iron	22,000	NA	NA	NA	NA
Lead	400	570 J [310 J]	110 J	NA	680 [671]
Magnesium	Not Listed	NA	NA	NA	NA
Manganese	3,100	NA	NA	NA	NA
Mercury	22	1.70 J [0.830 J]	0.230 J	NA	NA
Nickel	1,500	46.0 J [11.0 J]	15.0 J	NA	NA
Potassium	Not Listed	NA	NA	NA	NA
Selenium	370	3.00 J [ND(1.00) J]	0.680 J	NA	NA
Silver	370	3.70 J [0.850 J]	0.280 J	NA	NA
Sodium	Not Listed	NA	NA	NA	NA
Thallium	6	ND(2.40) [ND(1.30)]	ND(1.40)	NA	NA
Tin	45,000	200 J [ND(10.0)]	ND(12.0)	NA	NA
Vanadium	520	43.0 J [10.0 J]	8.70 J	NA	NA
Zinc	22,000	450 J [150 J]	91.0 J	NA	NA
Cyanide	11	1.30 J [0.26 J]	0.0340 J	NA	NA
Sulfide	350	530 J [340 J]	94.0 J	NA	NA

**TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-16-E I9-10-8-SB-16-E 1-3 05/01/07	PDI I9-10-8-SB-16-E I9-10-8-SB-16-E 3-5 05/01/07	PDI SLB-1BB SLB-1BB 0-1 06/01/06	PDI SLB-1BB SLB-1BB 1-3 06/01/06	PDI SLB-1BB SLB-1BB 3-5 06/01/06	PDI SLB-1BB-W SLB-1BB-W 1-3 05/14/08
Volatile Organics								
1,1,1,2-Tetrachloroethane		2.8	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane		680	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane		0.36	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane		0.82	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane		570	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene		0.052	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane		0.0014	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane		0.0049	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane		0.34	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane		0.34	NA	NA	NA	NA	NA	NA
1,4-Dioxane		40	NA	NA	NA	NA	NA	NA
2-Butanone		6,900	NA	NA	NA	NA	NA	NA
2-Chloro-1,3-butadiene		3.6	NA	NA	NA	NA	NA	NA
2-Chloroethylvinylether		0.18	NA	NA	NA	NA	NA	NA
2-Hexanone		750	NA	NA	NA	NA	NA	NA
3-Chloropropene		2,700	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone		750	NA	NA	NA	NA	NA	NA
Acetone		1,400	NA	NA	NA	NA	NA	NA
Acetonitrile		200	NA	NA	NA	NA	NA	NA
Acrolein		0.1	NA	NA	NA	NA	NA	NA
Acrylonitrile		0.19	NA	NA	NA	NA	NA	NA
Benzene		0.62	NA	NA	NA	NA	NA	NA
Bromodichloromethane		0.98	NA	NA	NA	NA	NA	NA
Bromoform		56	NA	NA	NA	NA	NA	NA
Bromomethane		3.8	NA	NA	NA	NA	NA	NA
Carbon Disulfide		350	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride		0.23	NA	NA	NA	NA	NA	NA
Chlorobenzene		54	NA	NA	NA	NA	NA	NA
Chloroethane		1,600	NA	NA	NA	NA	NA	NA
Chloroform		0.24	NA	NA	NA	NA	NA	NA
Chloromethane		1.2	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA	NA	NA
Dibromochloromethane		5.3	NA	NA	NA	NA	NA	NA
Dibromomethane		550	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane		94	NA	NA	NA	NA	NA	NA
Ethyl Methacrylate		140	NA	NA	NA	NA	NA	NA
Ethylbenzene		230	NA	NA	NA	NA	NA	NA
Iodomethane		1.2	NA	NA	NA	NA	NA	NA
Isobutanol		10,000	NA	NA	NA	NA	NA	NA
Methacrylonitrile		1.8	NA	NA	NA	NA	NA	NA
Methyl Methacrylate		2,200	NA	NA	NA	NA	NA	NA
Methylene Chloride		8.5	NA	NA	NA	NA	NA	NA
Propionitrile		200	NA	NA	NA	NA	NA	NA
Styrene		1,700	NA	NA	NA	NA	NA	NA
Tetrachloroethene		4.7	NA	NA	NA	NA	NA	NA
Toluene		520	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene		62	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	NA	NA	NA	NA
Trichloroethene		2.7	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane		380	NA	NA	NA	NA	NA	NA
Vinyl Acetate		420	NA	NA	NA	NA	NA	NA
Vinyl Chloride		0.021	NA	NA	NA	NA	NA	NA
Xylenes (total)		210	NA	NA	NA	NA	NA	NA

**TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-16-E I9-10-8-SB-16-E 1-3 05/01/07	PDI I9-10-8-SB-16-E I9-10-8-SB-16-E 3-5 05/01/07	PDI SLB-1BB SLB-1BB 0-1 06/01/06	PDI SLB-1BB SLB-1BB 1-3 06/01/06	PDI SLB-1BB SLB-1BB 3-5 06/01/06	PDI SLB-1BB-W SLB-1BB-W 1-3 05/14/08
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	16	NA	NA	ND(0.87) J	NA	NA	NA
1,2,4-Trichlorobenzene	480	NA	NA	ND(0.87) J	NA	NA	NA
1,2-Dichlorobenzene	370	NA	NA	ND(0.87) J	NA	NA	NA
1,2-Diphenylhydrazine	0.56	NA	NA	ND(0.87) J	NA	NA	NA
1,3,5-Trinitrobenzene	1,600	NA	NA	ND(4.4) J	NA	NA	NA
1,3-Dichlorobenzene	41	NA	NA	ND(0.87) J	NA	NA	NA
1,3-Dinitrobenzene	5.5	NA	NA	ND(0.87) J	NA	NA	NA
1,4-Dichlorobenzene	3	NA	NA	ND(0.87) J	NA	NA	NA
1,4-Naphthoquinone	55	NA	NA	ND(0.87) J	NA	NA	NA
1-Naphthylamine	Not Listed	NA	NA	ND(4.4) J	NA	NA	NA
2,3,4,6-Tetrachlorophenol	1,600	NA	NA	ND(0.87) J	NA	NA	NA
2,4,5-Trichlorophenol	5,500	NA	NA	ND(0.87) J	NA	NA	NA
2,4,6-Trichlorophenol	40	NA	NA	ND(0.87) J	NA	NA	NA
2,4-Dichlorophenol	160	NA	NA	ND(0.87) J	NA	NA	NA
2,4-Dimethylphenol	1,100	NA	NA	ND(0.87) J	NA	NA	NA
2,4-Dinitrophenol	110	NA	NA	ND(4.4) J	NA	NA	NA
2,4-Dinitrotoluene	110	NA	NA	ND(0.87) J	NA	NA	NA
2,6-Dichlorophenol	160	NA	NA	ND(0.87) J	NA	NA	NA
2,6-Dinitrotoluene	55	NA	NA	ND(0.87) J	NA	NA	NA
2-Acetylaminofluorene	0.56	NA	NA	ND(1.7) J	NA	NA	NA
2-Chloronaphthalene	3,700	NA	NA	ND(0.87) J	NA	NA	NA
2-Chlorophenol	59	NA	NA	ND(0.87) J	NA	NA	NA
2-Methylnaphthalene	55	NA	NA	ND(0.87) J	NA	NA	NA
2-Methylphenol	2,700	NA	NA	ND(0.87) J	NA	NA	NA
2-Naphthylamine	Not Listed	NA	NA	ND(4.4) J	NA	NA	NA
2-Nitroaniline	3.3	NA	NA	ND(0.87) J	NA	NA	NA
2-Nitrophenol	Not Listed	NA	NA	ND(0.87) J	NA	NA	NA
2-Picoline	55	NA	NA	ND(0.87) J	NA	NA	NA
3&4-Methylphenol	270	NA	NA	0.59 J	NA	NA	NA
3,3'-Dichlorobenzidine	0.99	NA	NA	ND(1.7) J	NA	NA	NA
3,3'-Dimethylbenzidine	0.048	NA	NA	ND(4.4) J	NA	NA	NA
3-Methylcholanthrene	0.056	NA	NA	ND(0.87) J	NA	NA	NA
3-Nitroaniline	5.5	NA	NA	ND(4.4) J	NA	NA	NA
4,6-Dinitro-2-methylphenol	55	NA	NA	ND(4.4) J	NA	NA	NA
4-Aminobiphenyl	1,400	NA	NA	ND(0.87) J	NA	NA	NA
4-Bromophenyl-phenylether	160	NA	NA	ND(0.87) J	NA	NA	NA
4-Chloro-3-Methylphenol	2,700	NA	NA	ND(0.87) J	NA	NA	NA
4-Chloroaniline	220	NA	NA	ND(4.4) J	NA	NA	NA
4-Chlorobenzilate	1.6	NA	NA	ND(0.87) J	NA	NA	NA
4-Chlorophenyl-phenylether	Not Listed	NA	NA	ND(0.87) J	NA	NA	NA
4-Methylphenol	270	NA	NA	NA	NA	NA	NA
4-Nitroaniline	5.5	NA	NA	ND(4.4) J	NA	NA	NA
4-Nitrophenol	3,400	NA	NA	ND(4.4) J	NA	NA	NA
4-Nitroquinoline-1-oxide	110	NA	NA	ND(4.4) J	NA	NA	NA
4-Phenylenediamine	10,000	NA	NA	ND(1.7) J	NA	NA	NA
5-Nitro-o-toluidine	13	NA	NA	ND(0.87) J	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	0.056	NA	NA	ND(0.87) J	NA	NA	NA
a,a'-Dimethylphenethylamine	55	NA	NA	ND(4.4) J	NA	NA	NA
Acenaphthene	2,600	NA	NA	ND(0.87) J	NA	NA	NA
Acenaphthylene	55	NA	NA	0.69 J	NA	NA	NA
Acetophenone	0.49	NA	NA	ND(0.87) J	NA	NA	NA
Aniline	78	NA	NA	ND(0.87) J	NA	NA	NA
Anthracene	14,000	NA	NA	0.46 J	NA	NA	NA
Aramite	18	NA	NA	ND(0.87) J	NA	NA	NA
Benzidine	0.0019	NA	NA	ND(1.7) J	NA	NA	NA
Benzo(a)anthracene	0.56	NA	NA	1.1	NA	NA	NA
Benzo(a)pyrene	0.056	NA	NA	2.3	NA	NA	NA
Benzo(b)fluoranthene	0.56	NA	NA	ND(0.87) J	NA	NA	NA
Benzo(g,h,i)perylene	55	NA	NA	ND(0.87) J	NA	NA	NA

**TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-16-E I9-10-8-SB-16-E 1-3 05/01/07	PDI I9-10-8-SB-16-E I9-10-8-SB-16-E 3-5 05/01/07	PDI SLB-1BB SLB-1BB 0-1 06/01/06	PDI SLB-1BB SLB-1BB 1-3 06/01/06	PDI SLB-1BB SLB-1BB 3-5 06/01/06	PDI SLB-1BB-W SLB-1BB-W 1-3 05/14/08
Semivolatiles Organics (continued)							
Benzo(k)fluoranthene	5.6	NA	NA	ND(0.87)	NA	NA	NA
Benzoic Acid	100,000	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	16,000	NA	NA	ND(1.7) J	NA	NA	NA
bis(2-Chloroethoxy)methane	Not Listed	NA	NA	ND(0.87) J	NA	NA	NA
bis(2-Chloroethyl)ether	0.18	NA	NA	ND(0.87) J	NA	NA	NA
bis(2-Chloroisopropyl)ether	2.5	NA	NA	ND(0.87) J	NA	NA	NA
bis(2-Ethylhexyl)phthalate	32	NA	NA	ND(0.87)	NA	NA	NA
Butylbenzylphthalate	930	NA	NA	ND(0.87)	NA	NA	NA
Chrysene	56	NA	NA	2.1	NA	NA	NA
Diallate	7.3	NA	NA	ND(0.87)	NA	NA	NA
Dibenzo(a,h)anthracene	0.056	NA	NA	ND(0.87)	NA	NA	NA
Dibenzofuran	210	NA	NA	ND(0.87) J	NA	NA	NA
Diethylphthalate	44,000	NA	NA	ND(0.87) J	NA	NA	NA
Dimethylphthalate	100,000	NA	NA	ND(0.87) J	NA	NA	NA
Di-n-Butylphthalate	5,500	NA	NA	1.2	NA	NA	NA
Di-n-Octylphthalate	1,100	NA	NA	ND(0.87)	NA	NA	NA
Dinoseb	55	NA	NA	NA	NA	NA	NA
Diphenylamine	1,400	NA	NA	ND(0.87)	NA	NA	NA
Ethyl Methacrylate	140	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	Not Listed	NA	NA	ND(0.87) J	NA	NA	NA
Fluoranthene	2,000	NA	NA	3.0	NA	NA	NA
Fluorene	1,800	NA	NA	ND(0.87) J	NA	NA	NA
Hexachlorobenzene	0.28	NA	NA	ND(0.87)	NA	NA	NA
Hexachlorobutadiene	5.7	NA	NA	ND(0.87) J	NA	NA	NA
Hexachlorocyclopentadiene	380	NA	NA	ND(1.7) J	NA	NA	NA
Hexachloroethane	32	NA	NA	ND(0.87) J	NA	NA	NA
Hexachlorophene	16	NA	NA	ND(0.87) J	NA	NA	NA
Hexachloropropene	Not Listed	NA	NA	ND(1.7) J	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.56	NA	NA	ND(0.87)	NA	NA	NA
Isodrin	Not Listed	NA	NA	ND(0.87)	NA	NA	NA
Isophorone	470	NA	NA	ND(0.87) J	NA	NA	NA
Isosafrole	Not Listed	NA	NA	ND(0.87) J	NA	NA	NA
Methapyrilene	55	NA	NA	ND(0.87)	NA	NA	NA
Methyl Methanesulfonate	Not Listed	NA	NA	ND(0.87) J	NA	NA	NA
Naphthalene	55	NA	NA	0.17 J	NA	NA	NA
Nitrobenzene	16	NA	NA	ND(0.87) J	NA	NA	NA
N-Nitrosodiethylamine	0.003	NA	NA	ND(0.87) J	NA	NA	NA
N-Nitrosodimethylamine	0.0087	NA	NA	ND(0.87) J	NA	NA	NA
N-Nitroso-di-n-butylamine	0.022	NA	NA	ND(0.87) J	NA	NA	NA
N-Nitroso-di-n-propylamine	0.063	NA	NA	ND(0.87) J	NA	NA	NA
N-Nitrosodiphenylamine	91	NA	NA	ND(0.87)	NA	NA	NA
N-Nitrosomethylethylamine	0.02	NA	NA	ND(0.87) J	NA	NA	NA
N-Nitrosomorpholine	0.21	NA	NA	ND(0.87) J	NA	NA	NA
N-Nitrosopiperidine	0.21	NA	NA	ND(0.87) J	NA	NA	NA
N-Nitrosopyrrolidine	0.21	NA	NA	ND(0.87) J	NA	NA	NA
o,o,o-Triethylphosphorothioate	11	NA	NA	ND(0.87) J	NA	NA	NA
o-Toluidine	1.9	NA	NA	ND(0.87) J	NA	NA	NA
p-Dimethylaminoazobenzene	0.99	NA	NA	ND(0.87)	NA	NA	NA
Pentachlorobenzene	44	NA	NA	ND(0.87) J	NA	NA	NA
Pentachloroethane	2.8	NA	NA	ND(0.87) J	NA	NA	NA
Pentachloronitrobenzene	1.7	NA	NA	ND(0.87)	NA	NA	NA
Pentachlorophenol	2.5	NA	NA	ND(4.4)	NA	NA	NA
Phenacetin	640	NA	NA	ND(0.87)	NA	NA	NA
Phenanthrene	55	NA	NA	1.1	NA	NA	NA
Phenol	33,000	NA	NA	2.2 J	NA	NA	NA
Pronamide	4,100	NA	NA	ND(0.87)	NA	NA	NA
Pyrene	1,500	NA	NA	2.2	NA	NA	NA
Pyridine	55	NA	NA	ND(0.87) J	NA	NA	NA
Safrole	Not Listed	NA	NA	ND(0.87) J	NA	NA	NA

**TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-16-E I9-10-8-SB-16-E 1-3 05/01/07	PDI I9-10-8-SB-16-E I9-10-8-SB-16-E 3-5 05/01/07	PDI SLB-1BB SLB-1BB 0-1 06/01/06	PDI SLB-1BB SLB-1BB 1-3 06/01/06	PDI SLB-1BB SLB-1BB 3-5 06/01/06	PDI SLB-1BB-W SLB-1BB-W 1-3 05/14/08
Semivolatile Organics (continued)							
Sulfotep	27	NA	NA	NA	NA	NA	NA
Thionazin	330	NA	NA	ND(1.7)	NA	NA	NA
Furans							
2,3,7,8-TCDF	Not Applicable	NA	NA	NA	NA	NA	NA
TCDFs (total)	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	NA	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	NA	NA	NA	NA	NA	NA
PeCDFs (total)	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA	NA	NA
HxCDFs (total)	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	NA	NA	NA	NA	NA
HpCDFs (total)	Not Applicable	NA	NA	NA	NA	NA	NA
OCDF	Not Applicable	NA	NA	NA	NA	NA	NA
Dioxins							
2,3,7,8-TCDD	Not Applicable	NA	NA	NA	NA	NA	NA
TCDDs (total)	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	NA	NA	NA	NA	NA	NA
PeCDDs (total)	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	NA	NA	NA	NA	NA	NA
HxCDDs (total)	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	NA	NA	NA	NA	NA
HpCDDs (total)	Not Applicable	NA	NA	NA	NA	NA	NA
OCDD	Not Applicable	NA	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	NA	NA	NA	NA	NA	NA
Inorganics							
Aluminum	75,000	NA	NA	NA	NA	NA	NA
Antimony	30	NA	NA	NA	NA	NA	NA
Arsenic	0.38	NA	NA	NA	NA	NA	NA
Barium	5,200	NA	NA	NA	NA	NA	NA
Beryllium	150	NA	NA	NA	NA	NA	NA
Cadmium	37	NA	NA	NA	NA	NA	NA
Calcium	Not Listed	NA	NA	NA	NA	NA	NA
Chromium	210	NA	NA	NA	NA	NA	NA
Cobalt	3,300	NA	NA	NA	NA	NA	NA
Copper	2,800	NA	NA	NA	NA	NA	NA
Iron	22,000	NA	NA	NA	NA	NA	NA
Lead	400	762	219	NA	1810	459	1270
Magnesium	Not Listed	NA	NA	NA	NA	NA	NA
Manganese	3,100	NA	NA	NA	NA	NA	NA
Mercury	22	NA	NA	NA	NA	NA	NA
Nickel	1,500	NA	NA	NA	NA	NA	NA
Potassium	Not Listed	NA	NA	NA	NA	NA	NA
Selenium	370	NA	NA	NA	NA	NA	NA
Silver	370	NA	NA	NA	NA	NA	NA
Sodium	Not Listed	NA	NA	NA	NA	NA	NA
Thallium	6	NA	NA	NA	NA	NA	NA
Tin	45,000	NA	NA	NA	NA	NA	NA
Vanadium	520	NA	NA	NA	NA	NA	NA
Zinc	22,000	NA	NA	NA	NA	NA	NA
Cyanide	11	NA	NA	NA	NA	NA	NA
Sulfide	350	NA	NA	NA	NA	NA	NA

**TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Data Types: PDI = GE Pre-Design Investigation soil sampling; Historical = GE Historical soil sampling. EPA = EPA soil sampling. PDI Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS (approved March 15, 2007 and re-submitted March 30, 2007).
NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998. Field duplicate sample results are presented in brackets.

7.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- B - Analyte was also detected in the associated method blank.
- J - Estimated Value.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- 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 - Estimated Value.

**TABLE E-106
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
PARCEL I9-10-8 (BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Analytical Parameter	Maximum Detect	USEPA EPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
2-Butanone	0.26	6,900	No
Acetone	0.74	1,400	No
Xylenes (total)	0.0092	210	No
Semivolatile Organics			
1,4-Dichlorobenzene	0.24	3	No
2-Methylnaphthalene	0.18	55	No
2-Methylphenol	0.25	2,700	No
3&4-Methylphenol	0.69	270	No
Acenaphthene	15	2,600	No
Acenaphthylene	1.6	55*	No
Aniline	20	78	No
Anthracene	2	14,000	No
Benzo(a)anthracene	6.2	0.56	Yes
Benzo(a)pyrene	6.4	0.056	Yes
Benzo(b)fluoranthene	5.8	0.56	Yes
Benzo(g,h,i)perylene	4.2	55*	No
Benzo(k)fluoranthene	6.3	5.6	Yes
Benzyl Alcohol	0.25	16,000	No
bis(2-Ethylhexyl)phthalate	0.3	32	No
Chrysene	12	56	No
Dibenzo(a,h)anthracene	0.76	0.056	Yes
Dibenzofuran	0.2	210	No
Di-n-Butylphthalate	1.2	5,500	No
Fluoranthene	13	2,000	No
Fluorene	1.2	1,800	No
Hexachlorophene	0.28	16	No
Indeno(1,2,3-cd)pyrene	3.1	0.56	Yes
Naphthalene	0.89	55*	No
p-Dimethylaminoazobenzene	0.25	0.99	No
Phenanthrene	6.3	55*	No
Phenol	2.2	33,000	No
Pyrene	16	1,500	No
Inorganics			
Antimony	5.3	30	No
Arsenic	23	0.38	Yes
Barium	180	5,200	No
Beryllium	0.36	150	No
Cadmium	20.8	37	No
Chromium	94.7	210	No
Cobalt	13	3,300	No
Copper	1,050	2,800	No
Cyanide	1.3	11*	No
Lead	1,810	400	Yes
Mercury	1.8	22	No
Nickel	63.9	1,500	No
Selenium	5.2	370	No
Silver	24.9	370	No
Sulfide	1,500	350*	Yes
Thallium	1.6	6	No
Tin	200	45,000	No
Vanadium	121	520	No
Zinc	958	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-107
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-8: 0- TO 1-FOOT DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	SL-BH001469 0-1 04/09/08	SLB-1BB 0-0.5 (See Note 1)	SLB-1TB 0-0.5 10/11/95	I9-10-8-SB-2 0-1 03/07/05
Semivolatile Organics				
Benzo(a)anthracene	--	1.2	3.6	0.79
Benzo(a)pyrene	--	1.3	5.1	0.83
Benzo(b)fluoranthene	--	1.5	5.8	0.81
Benzo(k)fluoranthene	--	0.72	6.3	0.86
Dibenzo(a,h)anthracene	--	0.44	0.36	0.12
Indeno(1,2,3-cd)pyrene	--	0.66	1.3	0.54
Dioxins/Furans				
Total TEQs (WHO TEFs)	--	1.50E-04	--	1.20E-05
Inorganics				
Arsenic	--	4.30	--	17.0
Lead	577	396	--	330
Sulfide	--	--	--	18.0

Sample ID: Sample Depth(Feet): Date Collected:	I9-10-8-SB-3 0-1 06/13/03	I9-10-8-SB-5 0-1 06/13/03	I9-10-8-SB-9 0-1 06/16/03	I9-10-8-SB-16-E 0-1 05/01/07
Semivolatile Organics				
Benzo(a)anthracene	1.1	0.22	0.96	--
Benzo(a)pyrene	1.0	0.22	0.81	--
Benzo(b)fluoranthene	1.3	0.22	0.87	--
Benzo(k)fluoranthene	0.49	0.22	0.80	--
Dibenzo(a,h)anthracene	0.20	0.22	0.31	--
Indeno(1,2,3-cd)pyrene	0.68	0.22	0.31	--
Dioxins/Furans				
Total TEQs (WHO TEFs)	7.00E-06	2.70E-07	1.70E-03	--
Inorganics				
Arsenic	23.0	5.30	8.75	--
Lead	250	440	440	676
Sulfide	3.00	88.0	435	--

See Notes on Page 2

TABLE E-107
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-8: 0- TO 1-FOOT DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 6)	1.3	7	No
Benzo(a)pyrene	N/A (See Note 6)	1.5	2	No
Benzo(b)fluoranthene	N/A (See Note 6)	1.8	7	No
Benzo(k)fluoranthene	N/A (See Note 6)	1.6	70	No
Dibenzo(a,h)anthracene	N/A (See Note 6)	0.27	0.7	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 6)	0.62	7	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	1.70E-03	N/A (See Note 6)	1.00E-03	Yes
Inorganics				
Arsenic	N/A (See Note 6)	11.7	20	No
Lead	N/A (See Note 6)	444	300	Yes
Sulfide	N/A (See Note 6)	136	633*	No

Notes:

- The SVOC results presented for this sample were collected on 6/1/06. The Total TEQs and inorganic results were collected on 1/19/95.
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
- = Not analyzed.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

TABLE E-108
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-8: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	SLB-1BB 1-3 06/01/06	SLB-1BB-W 1-3 05/14/08	SLB-1BB-WW 1-3 05/14/08	COMP-SLB-1BB 1-3 (See Note 2)	I9-9-1-SB-5-N 1-3 10/24/05	I9-10-8-SB-3 1-3 06/13/03
Semivolatile Organics						
Benzo(a)anthracene	--	--	--	--	--	0.31
Benzo(a)pyrene	--	--	--	--	--	0.30
Benzo(b)fluoranthene	--	--	--	--	--	0.34
Benzo(k)fluoranthene	--	--	--	--	--	0.12
Dibenzo(a,h)anthracene	--	--	--	--	--	0.20
Indeno(1,2,3-cd)pyrene	--	--	--	--	--	0.17
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	--	--	--	4.10E-07
Inorganics						
Arsenic	--	--	--	--	--	6.70
Lead	1,810	1,270	373	1,151	1,600	40.0
Sulfide	--	--	--	--	--	28.0

Sample ID: Sample Depth(Feet): Date Collected:	I9-10-8-SB-9 1-3 (See Note 3)	I9-10-8-SB-16-E 1-3 05/01/07	SL-BH001469 1-3 04/09/08	I9-9-1-SB-5-N 3-5 06/06/06	SLB-1BB 3-5 06/01/06	I9-10-8-SB-5 3-5 06/13/03
Semivolatile Organics						
Benzo(a)anthracene	3.3	--	--	--	--	0.40
Benzo(a)pyrene	3.4	--	--	--	--	0.33
Benzo(b)fluoranthene	5.4	--	--	--	--	0.39
Benzo(k)fluoranthene	6.2	--	--	--	--	0.12
Dibenzo(a,h)anthracene	0.76	--	--	--	--	0.21
Indeno(1,2,3-cd)pyrene	1.6	--	--	--	--	0.22
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.80E-04	--	--	--	--	1.00E-05
Inorganics						
Arsenic	9.00	--	--	--	--	6.60
Lead	110	762	932	2,110	459	170
Sulfide	94.0	--	--	--	--	77.0

See Notes on Page 3

TABLE E-108
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-8: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-10-8-SB-16-E 3-5 05/01/07	SL-BH001469 3-6 04/09/08	I9-9-1-SB-5-N 5-7 06/06/06	I9-10-8-SB-2 5-7 03/07/05	Maximum Sample Result	Arithmetic Average Concentration (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	--	--	--	0.23	N/A (See Note 7)	0.3
Benzo(a)pyrene	--	--	--	0.17	N/A (See Note 7)	0.3
Benzo(b)fluoranthene	--	--	--	0.18	N/A (See Note 7)	0.3
Benzo(k)fluoranthene	--	--	--	0.20	N/A (See Note 7)	0.1
Dibenzo(a,h)anthracene	--	--	--	0.31	N/A (See Note 7)	0.24
Indeno(1,2,3-cd)pyrene	--	--	--	0.31	N/A (See Note 7)	0.23
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	--	1.50E-05	1.50E-05	N/A (See Note 6)
Inorganics						
Arsenic	--	--	--	11.0	N/A (See Note 7)	8.33
Lead	219	1,380	494	660	N/A (See Note 7)	776
Sulfide	--	--	--	1,500	N/A (See Note 7)	425

Sample ID: Sample Depth(Feet): Date Collected:	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatile Organics		
Benzo(a)anthracene	7	No
Benzo(a)pyrene	2	No
Benzo(b)fluoranthene	7	No
Benzo(k)fluoranthene	70	No
Dibenzo(a,h)anthracene	0.7	No
Indeno(1,2,3-cd)pyrene	7	No
Dioxins/Furans		
Total TEQs (WHO TEFs)	1.00E-03	No
Inorganics		
Arsenic	20	No
Lead	300	Yes
Sulfide	633*	No

See Notes on Page 3

TABLE E-108
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-8: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. The lead result presented for this sample location represents the average results from the following samples (depth; date collected): SLB-1BB (1-3'; 06/01/06), SLB-1BB-W (1-3'; 05/14/08) and SLB-1BB-WW (1-3'; 05/14/08).
3. Sample I9-10-8-SB-9 presents results from two sampling events: the results presented for Benzo(a)anthracene, Benzo(a)pyrene, and Indeno(1,2,3-cd)pyrene are the average of samples collected on 6/16/2003 and 3/8/2005; the results presented for Benzo(b)fluoranthene, Benzo(k)fluoranthene, and Dibenzo(a,h)anthracene were collected on 3/8/2005; and the results presented for Total TEQs, arsenic, lead, and sulfide were collected on 6/16/2003.
4. With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
5. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
6. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
7. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
8. * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
9. -- = Not analyzed.

TABLE E-109
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-8: 0- TO 1-FOOT DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	SL-BH001469 0-1 04/09/08	SLB-1BB 0-0.5 (See Note 1)	SLB-1TB 0-0.5 10/11/95	I9-10-8-SB-2 0-1 03/07/05
Semivolatile Organics				
Benzo(a)anthracene	--	1.2	3.6	0.79
Benzo(a)pyrene	--	1.3	5.1	0.83
Benzo(b)fluoranthene	--	1.5	5.8	0.81
Benzo(k)fluoranthene	--	0.72	6.3	0.86
Dibenzo(a,h)anthracene	--	0.44	0.36	0.12
Indeno(1,2,3-cd)pyrene	--	0.66	1.3	0.54
Dioxins/Furans				
Total TEQs (WHO TEFs)	--	1.50E-04	--	1.20E-05
Inorganics				
Arsenic	--	4.30	--	17.0
Lead	6.24	6.24	--	6.24
Sulfide	--	--	--	18.0

Sample ID: Sample Depth(Feet): Date Collected:	I9-10-8-SB-3 0-1 06/13/03	I9-10-8-SB-5 0-1 06/13/03	I9-10-8-SB-9 0-1 06/16/03	I9-10-8-SB-16-E 0-1 05/01/07
Semivolatile Organics				
Benzo(a)anthracene	1.1	0.22	0.96	--
Benzo(a)pyrene	1.0	0.22	0.81	--
Benzo(b)fluoranthene	1.3	0.22	0.87	--
Benzo(k)fluoranthene	0.49	0.22	0.80	--
Dibenzo(a,h)anthracene	0.20	0.22	0.31	--
Indeno(1,2,3-cd)pyrene	0.68	0.22	0.31	--
Dioxins/Furans				
Total TEQs (WHO TEFs)	7.00E-06	2.70E-07	1.00E-06	--
Inorganics				
Arsenic	23.0	5.30	8.75	--
Lead	250	440	440	6.24
Sulfide	3.00	88.0	435	--

See Notes on Page 2

TABLE E-109
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-10-8: 0- TO 1-FOOT DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 6)	1.3	7	No
Benzo(a)pyrene	N/A (See Note 6)	1.5	2	No
Benzo(b)fluoranthene	N/A (See Note 6)	1.8	7	No
Benzo(k)fluoranthene	N/A (See Note 6)	1.6	70	No
Dibenzo(a,h)anthracene	N/A (See Note 6)	0.27	0.7	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 6)	0.62	7	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	1.50E-04	N/A (See Note 6)	1.00E-03	No
Inorganics				
Arsenic	N/A (See Note 6)	11.7	20	No
Lead	N/A (See Note 6)	165	300	No
Sulfide	N/A (See Note 6)	136	633*	No

Notes:

1. The SVOC results presented for this sample were collected on 6/1/06. The Total TEQs and inorganic results were collected on 1/19/95.
2. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
3. With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
4. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
5. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
6. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
7. Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
8. -- = Not analyzed.
9. * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
10. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

TABLE E-110
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-8: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	SLB-1BB 1-3 06/01/06	SLB-1BB-W 1-3 05/14/08	SLB-1BB-WW 1-3 05/14/08	COMP-SLB-1BB 1-3 (See Note 2)	I9-9-1-SB-5-N 1-3 10/24/05	I9-10-8-SB-3 1-3 06/13/03
Semivolatile Organics						
Benzo(a)anthracene	--	--	--	--	--	0.31
Benzo(a)pyrene	--	--	--	--	--	0.30
Benzo(b)fluoranthene	--	--	--	--	--	0.34
Benzo(k)fluoranthene	--	--	--	--	--	0.12
Dibenzo(a,h)anthracene	--	--	--	--	--	0.20
Indeno(1,2,3-cd)pyrene	--	--	--	--	--	0.17
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	--	--	--	4.10E-07
Inorganics						
Arsenic	--	--	--	--	--	6.70
Lead	6.24	6.24	373	128	6.24	40.0
Sulfide	--	--	--	--	--	28.0

Sample ID: Sample Depth(Feet): Date Collected:	I9-10-8-SB-9 1-3 (See Note 3)	I9-10-8-SB-16-E 1-3 05/01/07	SL-BH001469 1-3 04/09/08	I9-9-1-SB-5-N 3-5 06/06/06	SLB-1BB 3-5 06/01/06	I9-10-8-SB-5 3-5 06/13/03
Semivolatile Organics						
Benzo(a)anthracene	3.3	--	--	--	--	0.40
Benzo(a)pyrene	3.4	--	--	--	--	0.33
Benzo(b)fluoranthene	5.4	--	--	--	--	0.39
Benzo(k)fluoranthene	6.2	--	--	--	--	0.12
Dibenzo(a,h)anthracene	0.76	--	--	--	--	0.21
Indeno(1,2,3-cd)pyrene	1.6	--	--	--	--	0.22
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.80E-04	--	--	--	--	1.00E-05
Inorganics						
Arsenic	9.00	--	--	--	--	6.60
Lead	110	762	6.24	6.24	459	170
Sulfide	94.0	--	--	--	--	77.0

See Notes on Page 3

TABLE E-110
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-8: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-10-8-SB-16-E 3-5 05/01/07	SL-BH001469 3-6 04/09/08	I9-9-1-SB-5-N 5-7 06/06/06	I9-10-8-SB-2 5-7 03/07/05	Maximum Sample Result	Arithmetic Average Concentration (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	--	--	--	0.23	N/A (See Note 7)	0.3
Benzo(a)pyrene	--	--	--	0.17	N/A (See Note 7)	0.3
Benzo(b)fluoranthene	--	--	--	0.18	N/A (See Note 7)	0.3
Benzo(k)fluoranthene	--	--	--	0.20	N/A (See Note 7)	0.1
Dibenzo(a,h)anthracene	--	--	--	0.31	N/A (See Note 7)	0.24
Indeno(1,2,3-cd)pyrene	--	--	--	0.31	N/A (See Note 7)	0.23
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	--	1.50E-05	1.50E-05	N/A (See Note 6)
Inorganics						
Arsenic	--	--	--	11.0	N/A (See Note 7)	8.33
Lead	219	6.24	494	660	N/A (See Note 7)	236
Sulfide	--	--	--	1,500	N/A (See Note 7)	425

Sample ID: Sample Depth(Feet): Date Collected:	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatile Organics		
Benzo(a)anthracene	7	No
Benzo(a)pyrene	2	No
Benzo(b)fluoranthene	7	No
Benzo(k)fluoranthene	70	No
Dibenzo(a,h)anthracene	0.7	No
Indeno(1,2,3-cd)pyrene	7	No
Dioxins/Furans		
Total TEQs (WHO TEFs)	1.00E-03	No
Inorganics		
Arsenic	20	No
Lead	300	No
Sulfide	633*	No

See Notes on Page 3

TABLE E-110
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-8: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. The lead result presented for this sample location represents the average results from the following samples (depth; date collected): SLB-1BB (1-3'; 06/01/06), SLB-1BB-W (1-3'; 05/14/08) and SLB-1BB-WW (1-3'; 05/14/08).
3. Sample I9-10-8-SB-9 presents results from two sampling events: the results presented for Benzo(a)anthracene, Benzo(a)pyrene, and Indeno(1,2,3-cd)pyrene are the average of samples collected on 6/16/2003 and 3/8/2005; the results presented for Benzo(b)fluoranthene, Benzo(k)fluoranthene, and Dibenzo(a,h)anthracene were collected on 3/8/2005; and the results presented for Total TEQs, arsenic, lead, and sulfide were collected on 6/16/2003.
4. With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
5. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
6. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
7. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
8. * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
9. -- = Not analyzed.
10. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

ARCADIS

Parcel I9-10-8 (non-bank)

TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA BH001208 SL-BH001208-0-0050 5-7 02/02/04	PDI I9-9-1-SB-5-N-SW I9-9-1-SB-5-N-SW 0-1 05/14/08	PDI I9-9-1-SB-5-N-SW I9-9-1-SB-5-N-SW 1-3 05/14/08	PDI I9-9-1-SB-5-N-SW I9-9-1-SB-5-N-SW 3-5 05/14/08
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	NA	NA	NA	NA
1,1,1-Trichloroethane		680	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane		0.36	NA	NA	NA	NA
1,1,2-Trichloroethane		0.82	NA	NA	NA	NA
1,1-Dichloroethane		570	NA	NA	NA	NA
1,1-Dichloroethene		0.052	NA	NA	NA	NA
1,2,3-Trichloropropane		0.0014	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA	NA	NA
1,2-Dibromoethane		0.0049	NA	NA	NA	NA
1,2-Dichloroethane		0.34	NA	NA	NA	NA
1,2-Dichloropropane		0.34	NA	NA	NA	NA
1,4-Dioxane		40	NA	NA	NA	NA
2-Butanone		6,900	NA	NA	NA	NA
2-Chloro-1,3-butadiene		3.6	NA	NA	NA	NA
2-Chloroethylvinylether		0.18	NA	NA	NA	NA
2-Hexanone		750	NA	NA	NA	NA
3-Chloropropene		2,700	NA	NA	NA	NA
4-Methyl-2-pentanone		750	NA	NA	NA	NA
Acetone		1,400	NA	NA	NA	NA
Acetonitrile		200	NA	NA	NA	NA
Acrolein		0.1	NA	NA	NA	NA
Acrylonitrile		0.19	NA	NA	NA	NA
Benzene		0.62	NA	NA	NA	NA
Bromodichloromethane		0.98	NA	NA	NA	NA
Bromoform		56	NA	NA	NA	NA
Bromomethane		3.8	NA	NA	NA	NA
Carbon Disulfide		350	NA	NA	NA	NA
Carbon Tetrachloride		0.23	NA	NA	NA	NA
Chlorobenzene		54	NA	NA	NA	NA
Chloroethane		1,600	NA	NA	NA	NA
Chloroform		0.24	NA	NA	NA	NA
Chloromethane		1.2	NA	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA
Dibromochloromethane		5.3	NA	NA	NA	NA
Dibromomethane		550	NA	NA	NA	NA
Dichlorodifluoromethane		94	NA	NA	NA	NA
Ethyl Methacrylate		140	NA	NA	NA	NA
Ethylbenzene		230	NA	NA	NA	NA
Iodomethane		1.2	NA	NA	NA	NA
Isobutanol		10,000	NA	NA	NA	NA
Methacrylonitrile		1.8	NA	NA	NA	NA
Methyl Methacrylate		2,200	NA	NA	NA	NA
Methylene Chloride		8.5	NA	NA	NA	NA
Propionitrile		200	NA	NA	NA	NA
Styrene		1,700	NA	NA	NA	NA
Tetrachloroethene		4.7	NA	NA	NA	NA
Toluene		520	NA	NA	NA	NA
trans-1,2-Dichloroethene		62	NA	NA	NA	NA
trans-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	NA	NA
Trichloroethene		2.7	NA	NA	NA	NA
Trichlorofluoromethane		380	NA	NA	NA	NA
Vinyl Acetate		420	NA	NA	NA	NA
Vinyl Chloride		0.021	NA	NA	NA	NA
Xylenes (total)		210	NA	NA	NA	NA

TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA BH001208 SL-BH001208-0-0050 5-7 02/02/04	PDI I9-9-1-SB-5-N-SW I9-9-1-SB-5-N-SW 0-1 05/14/08	PDI I9-9-1-SB-5-N-SW I9-9-1-SB-5-N-SW 1-3 05/14/08	PDI I9-9-1-SB-5-N-SW I9-9-1-SB-5-N-SW 3-5 05/14/08
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	16	ND(0.44)	NA	NA	NA
1,2,4-Trichlorobenzene	480	0.072 J	NA	NA	NA
1,2-Dichlorobenzene	370	ND(0.44)	NA	NA	NA
1,2-Diphenylhydrazine	0.56	NA	NA	NA	NA
1,3,5-Trinitrobenzene	1,600	ND(0.44)	NA	NA	NA
1,3-Dichlorobenzene	41	ND(0.44)	NA	NA	NA
1,3-Dinitrobenzene	5.5	ND(0.44)	NA	NA	NA
1,4-Dichlorobenzene	3	ND(0.44)	NA	NA	NA
1,4-Naphthoquinone	55	ND(0.44)	NA	NA	NA
1-Naphthylamine	Not Listed	ND(0.44)	NA	NA	NA
2,3,4,6-Tetrachlorophenol	1,600	ND(0.44)	NA	NA	NA
2,4,5-Trichlorophenol	5,500	ND(1.1)	NA	NA	NA
2,4,6-Trichlorophenol	40	ND(0.44)	NA	NA	NA
2,4-Dichlorophenol	160	ND(0.44)	NA	NA	NA
2,4-Dimethylphenol	1,100	0.32 J	NA	NA	NA
2,4-Dinitrophenol	110	ND(1.1)	NA	NA	NA
2,4-Dinitrotoluene	110	ND(0.44)	NA	NA	NA
2,6-Dichlorophenol	160	ND(0.44)	NA	NA	NA
2,6-Dinitrotoluene	55	ND(0.44)	NA	NA	NA
2-Acetylaminofluorene	0.56	ND(0.44)	NA	NA	NA
2-Chloronaphthalene	3,700	ND(0.44)	NA	NA	NA
2-Chlorophenol	59	ND(0.44)	NA	NA	NA
2-Methylnaphthalene	55	0.32 J	NA	NA	NA
2-Methylphenol	2,700	0.070 J	NA	NA	NA
2-Naphthylamine	Not Listed	ND(0.44) J	NA	NA	NA
2-Nitroaniline	3.3	ND(1.1)	NA	NA	NA
2-Nitrophenol	Not Listed	ND(0.44)	NA	NA	NA
2-Picoline	55	ND(0.44) J	NA	NA	NA
3&4-Methylphenol	270	NA	NA	NA	NA
3,3'-Dichlorobenzidine	0.99	ND(0.44)	NA	NA	NA
3,3'-Dimethylbenzidine	0.048	ND(0.44)	NA	NA	NA
3-Methylcholanthrene	0.056	ND(0.44)	NA	NA	NA
3-Nitroaniline	5.5	ND(1.1)	NA	NA	NA
4,6-Dinitro-2-methylphenol	55	ND(1.1)	NA	NA	NA
4-Aminobiphenyl	1,400	ND(0.44)	NA	NA	NA
4-Bromophenyl-phenylether	160	ND(0.44)	NA	NA	NA
4-Chloro-3-Methylphenol	2,700	ND(0.44)	NA	NA	NA
4-Chloroaniline	220	ND(0.44)	NA	NA	NA
4-Chlorobenzilate	1.6	ND(0.44)	NA	NA	NA
4-Chlorophenyl-phenylether	Not Listed	ND(0.44)	NA	NA	NA
4-Methylphenol	270	0.38 J	NA	NA	NA
4-Nitroaniline	5.5	ND(1.1)	NA	NA	NA
4-Nitrophenol	3,400	ND(1.1) J	NA	NA	NA
4-Nitroquinoline-1-oxide	110	ND(0.44)	NA	NA	NA
4-Phenylenediamine	10,000	ND(0.44)	NA	NA	NA
5-Nitro-o-toluidine	13	ND(0.44)	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	0.056	ND(0.44)	NA	NA	NA
a,a'-Dimethylphenethylamine	55	ND(0.44)	NA	NA	NA
Acenaphthene	2,600	0.46 J	NA	NA	NA
Acenaphthylene	55	0.12 J	NA	NA	NA
Acetophenone	0.49	0.046 J	NA	NA	NA
Aniline	78	ND(1.1) J	NA	NA	NA
Anthracene	14,000	0.49 J	NA	NA	NA
Aramite	18	ND(0.44)	NA	NA	NA
Azobenzene	4	ND(0.44)	NA	NA	NA
Benzidine	0.0019	NA	NA	NA	NA

TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA BH001208 SL-BH001208-0-0050 5-7 02/02/04	PDI I9-9-1-SB-5-N-SW I9-9-1-SB-5-N-SW 0-1 05/14/08	PDI I9-9-1-SB-5-N-SW I9-9-1-SB-5-N-SW 1-3 05/14/08	PDI I9-9-1-SB-5-N-SW I9-9-1-SB-5-N-SW 3-5 05/14/08
Semivolatile Organics (continued)					
Benzo(a)anthracene	0.56	1.2 J	NA	NA	NA
Benzo(a)pyrene	0.056	1.2 J	NA	NA	NA
Benzo(b)fluoranthene	0.56	1.2 J	NA	NA	NA
Benzo(g,h,i)perylene	55	0.86 J	NA	NA	NA
Benzo(k)fluoranthene	5.6	1.2 J	NA	NA	NA
Benzyl Alcohol	16,000	ND(0.44) J	NA	NA	NA
bis(2-Chloroethoxy)methane	Not Listed	ND(0.44)	NA	NA	NA
bis(2-Chloroethyl)ether	0.18	ND(0.44)	NA	NA	NA
bis(2-Chloroisopropyl)ether	2.5	ND(0.44)	NA	NA	NA
bis(2-Ethylhexyl)phthalate	32	ND(0.44)	NA	NA	NA
Butylbenzylphthalate	930	ND(0.44)	NA	NA	NA
Chrysene	56	1.5 J	NA	NA	NA
Diallate	7.3	ND(0.44)	NA	NA	NA
Dibenzo(a,h)anthracene	0.056	0.34 J	NA	NA	NA
Dibenzofuran	210	0.20 J	NA	NA	NA
Diethylphthalate	44,000	ND(0.44)	NA	NA	NA
Dimethylphthalate	100,000	ND(0.44)	NA	NA	NA
Di-n-Butylphthalate	5,500	ND(0.44)	NA	NA	NA
Di-n-Octylphthalate	1,100	ND(0.44)	NA	NA	NA
Diphenylamine	1,400	NA	NA	NA	NA
Ethyl Methanesulfonate	Not Listed	ND(0.44)	NA	NA	NA
Fluoranthene	2,000	1.8 J	NA	NA	NA
Fluorene	1,800	0.37 J	NA	NA	NA
Hexachlorobenzene	0.28	ND(0.44)	NA	NA	NA
Hexachlorobutadiene	5.7	ND(0.44)	NA	NA	NA
Hexachlorocyclopentadiene	380	ND(0.44)	NA	NA	NA
Hexachloroethane	32	ND(0.44)	NA	NA	NA
Hexachlorophene	16	NA	NA	NA	NA
Hexachloropropene	Not Listed	ND(0.44) J	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.56	0.75 J	NA	NA	NA
Isodrin	Not Listed	NA	NA	NA	NA
Isophorone	470	ND(0.44)	NA	NA	NA
Isosafrole	Not Listed	ND(0.44)	NA	NA	NA
Methapyrilene	55	ND(0.44)	NA	NA	NA
Methyl Methanesulfonate	Not Listed	ND(0.44)	NA	NA	NA
Naphthalene	55	0.61 J	NA	NA	NA
Nitrobenzene	16	ND(0.44)	NA	NA	NA
N-Nitrosodiethylamine	0.003	ND(0.44)	NA	NA	NA
N-Nitrosodimethylamine	0.0087	ND(0.44) J	NA	NA	NA
N-Nitroso-di-n-butylamine	0.022	ND(0.44)	NA	NA	NA
N-Nitroso-di-n-propylamine	0.063	ND(0.44)	NA	NA	NA
N-Nitrosodiphenylamine	91	ND(0.44)	NA	NA	NA
N-Nitrosomethylethylamine	0.02	ND(0.44)	NA	NA	NA
N-Nitrosomorpholine	0.21	ND(0.44)	NA	NA	NA
N-Nitrosopiperidine	0.21	ND(0.44)	NA	NA	NA
N-Nitrosopyrrolidine	0.21	ND(0.44)	NA	NA	NA
o,o,o-Triethylphosphorothioate	11	NA	NA	NA	NA
o-Toluidine	1.9	ND(0.44)	NA	NA	NA
p-Dimethylaminoazobenzene	0.99	ND(0.44)	NA	NA	NA
Pentachlorobenzene	44	ND(0.44)	NA	NA	NA
Pentachloroethane	2.8	ND(0.44)	NA	NA	NA
Pentachloronitrobenzene	1.7	ND(0.44)	NA	NA	NA
Pentachlorophenol	2.5	ND(1.1)	NA	NA	NA
Phenacetin	640	ND(0.44)	NA	NA	NA
Phenanthrene	55	2.1 J	NA	NA	NA
Phenol	33,000	0.28 J	NA	NA	NA
Pronamide	4,100	ND(0.44)	NA	NA	NA
Pyrene	1,500	3.1 J	NA	NA	NA

TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA BH001208 SL-BH001208-0-0050 5-7 02/02/04	PDI I9-9-1-SB-5-N-SW I9-9-1-SB-5-N-SW 0-1 05/14/08	PDI I9-9-1-SB-5-N-SW I9-9-1-SB-5-N-SW 1-3 05/14/08	PDI I9-9-1-SB-5-N-SW I9-9-1-SB-5-N-SW 3-5 05/14/08
Semivolatile Organics (continued)					
Pyridine	55	ND(0.44) J	NA	NA	NA
Safrole	Not Listed	ND(0.44)	NA	NA	NA
Thionazin	330	NA	NA	NA	NA
Herbicides					
Dinoseb	55	ND(0.44)	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Applicable	NA	NA	NA	NA
TCDFs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	NA	NA	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	NA	NA	NA	NA
PeCDFs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA
HxCDFs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	NA	NA	NA
HpCDFs (total)	Not Applicable	NA	NA	NA	NA
OCDF	Not Applicable	NA	NA	NA	NA
Dioxins					
2,3,7,8-TCDD	Not Applicable	NA	NA	NA	NA
TCDDs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	NA	NA	NA	NA
PeCDDs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	NA	NA	NA	NA
HxCDDs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	NA	NA	NA
HpCDDs (total)	Not Applicable	NA	NA	NA	NA
OCDD	Not Applicable	NA	NA	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	NA	NA	NA	NA
Inorganics					
Antimony	30	NA	NA	NA	NA
Arsenic	0.38	NA	NA	NA	NA
Barium	5,200	NA	NA	NA	NA
Beryllium	150	NA	NA	NA	NA
Cadmium	37	NA	NA	NA	NA
Chromium	210	NA	NA	NA	NA
Cobalt	3,300	NA	NA	NA	NA
Copper	2,800	NA	NA	NA	NA
Lead	400	NA	1080	379	153 [153]
Mercury	22	NA	NA	NA	NA
Nickel	1,500	NA	NA	NA	NA
Selenium	370	NA	NA	NA	NA
Silver	370	NA	NA	NA	NA
Thallium	6	NA	NA	NA	NA
Tin	45,000	NA	NA	NA	NA
Vanadium	520	NA	NA	NA	NA
Zinc	22,000	NA	NA	NA	NA
Cyanide	11	NA	NA	NA	NA
Sulfide	350	NA	NA	NA	NA

**TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-4 I9-10-8-SB-4 3-5 05/14/08	PDI I9-10-8-SB-12 I9-10-8-SB-12 0-1 03/08/05	PDI I9-10-8-SB-12 I9-10-8-SB-12 3-5 03/08/05	PDI I9-10-8-SB-12 I9-10-8-SB-12 7-9 03/08/05
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
1,1,1-Trichloroethane		680	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
1,1,1,2-Tetrachloroethane		0.36	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
1,1,2-Trichloroethane		0.82	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
1,1-Dichloroethane		570	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
1,1-Dichloroethene		0.052	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
1,2,3-Trichloropropane		0.0014	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
1,2-Dibromo-3-chloropropane		0.32	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
1,2-Dibromoethane		0.0049	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
1,2-Dichloroethane		0.34	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
1,2-Dichloropropane		0.34	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
1,4-Dioxane		40	NA	ND(0.14) J	ND(0.13) J	ND(0.12) J
2-Butanone		6,900	NA	ND(0.014)	ND(0.013)	ND(0.012)
2-Chloro-1,3-butadiene		3.6	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
2-Chloroethylvinylether		0.18	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
2-Hexanone		750	NA	ND(0.014)	ND(0.013)	ND(0.012)
3-Chloropropene		2,700	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
4-Methyl-2-pentanone		750	NA	ND(0.014)	ND(0.013)	ND(0.012)
Acetone		1,400	NA	ND(0.027)	ND(0.026)	ND(0.024)
Acetonitrile		200	NA	ND(0.14) J	ND(0.13) J	ND(0.12) J
Acrolein		0.1	NA	ND(0.14) J	ND(0.13) J	ND(0.12) J
Acrylonitrile		0.19	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Benzene		0.62	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Bromodichloromethane		0.98	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Bromoform		56	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Bromomethane		3.8	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Carbon Disulfide		350	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Carbon Tetrachloride		0.23	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Chlorobenzene		54	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Chloroethane		1,600	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Chloroform		0.24	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Chloromethane		1.2	NA	ND(0.0068) J	ND(0.0065) J	ND(0.0061) J
cis-1,3-Dichloropropene		Not Listed	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Dibromochloromethane		5.3	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Dibromomethane		550	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Dichlorodifluoromethane		94	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Ethyl Methacrylate		140	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Ethylbenzene		230	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Iodomethane		1.2	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Isobutanol		10,000	NA	ND(0.14) J	ND(0.13) J	ND(0.12) J
Methacrylonitrile		1.8	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Methyl Methacrylate		2,200	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Methylene Chloride		8.5	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Propionitrile		200	NA	ND(0.014) J	ND(0.013) J	ND(0.012) J
Styrene		1,700	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Tetrachloroethene		4.7	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Toluene		520	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
trans-1,2-Dichloroethene		62	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
trans-1,3-Dichloropropene		Not Listed	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
trans-1,4-Dichloro-2-butene		Not Listed	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Trichloroethene		2.7	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Trichlorofluoromethane		380	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Vinyl Acetate		420	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Vinyl Chloride		0.021	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Xylenes (total)		210	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)

**TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-4 I9-10-8-SB-4 3-5 05/14/08	PDI I9-10-8-SB-12 I9-10-8-SB-12 0-1 03/08/05	PDI I9-10-8-SB-12 I9-10-8-SB-12 3-5 03/08/05	PDI I9-10-8-SB-12 I9-10-8-SB-12 7-9 03/08/05
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	NA	ND(0.45)	ND(4.4)	ND(0.41)
1,2,4-Trichlorobenzene		480	NA	ND(0.45)	ND(4.4)	ND(0.41)
1,2-Dichlorobenzene		370	NA	ND(0.45)	ND(4.4)	ND(0.41)
1,2-Diphenylhydrazine		0.56	NA	ND(0.45)	ND(4.4)	ND(0.41)
1,3,5-Trinitrobenzene		1,600	NA	ND(0.45)	ND(4.4)	ND(0.41)
1,3-Dichlorobenzene		41	NA	ND(0.45)	ND(4.4)	ND(0.41)
1,3-Dinitrobenzene		5.5	NA	ND(0.91)	ND(4.4)	ND(0.82)
1,4-Dichlorobenzene		3	NA	ND(0.45)	ND(4.4)	ND(0.41)
1,4-Naphthoquinone		55	NA	ND(0.91) J	ND(4.4) J	ND(0.82) J
1-Naphthylamine		Not Listed	NA	ND(0.91)	ND(4.4)	ND(0.82)
2,3,4,6-Tetrachlorophenol		1,600	NA	ND(0.45)	ND(4.4)	ND(0.41)
2,4,5-Trichlorophenol		5,500	NA	ND(0.45)	ND(4.4)	ND(0.41)
2,4,6-Trichlorophenol		40	NA	ND(0.45)	ND(4.4)	ND(0.41)
2,4-Dichlorophenol		160	NA	ND(0.45)	ND(4.4)	ND(0.41)
2,4-Dimethylphenol		1,100	NA	ND(0.45)	ND(4.4)	ND(0.41)
2,4-Dinitrophenol		110	NA	ND(2.3) J	ND(22) J	ND(2.1) J
2,4-Dinitrotoluene		110	NA	ND(0.45)	ND(4.4)	ND(0.41)
2,6-Dichlorophenol		160	NA	ND(0.45)	ND(4.4)	ND(0.41)
2,6-Dinitrotoluene		55	NA	ND(0.45)	ND(4.4)	ND(0.41)
2-Acetylaminofluorene		0.56	NA	ND(0.91)	ND(4.4)	ND(0.82)
2-Chloronaphthalene		3,700	NA	ND(0.45)	ND(4.4)	ND(0.41)
2-Chlorophenol		59	NA	ND(0.45)	ND(4.4)	ND(0.41)
2-Methylnaphthalene		55	NA	ND(0.45)	ND(4.4)	ND(0.41)
2-Methylphenol		2,700	NA	ND(0.45)	ND(4.4)	ND(0.41)
2-Naphthylamine		Not Listed	NA	ND(0.91)	ND(4.4)	ND(0.82)
2-Nitroaniline		3.3	NA	ND(2.3)	ND(22)	ND(2.1)
2-Nitrophenol		Not Listed	NA	ND(0.91)	ND(4.4)	ND(0.82)
2-Picoline		55	NA	ND(0.45)	ND(4.4)	ND(0.41)
3&4-Methylphenol		270	NA	ND(0.91)	ND(4.4)	ND(0.82)
3,3'-Dichlorobenzidine		0.99	NA	ND(0.91)	ND(8.7)	ND(0.82)
3,3'-Dimethylbenzidine		0.048	NA	ND(0.45)	ND(4.4)	ND(0.41)
3-Methylcholanthrene		0.056	NA	ND(0.91)	ND(4.4)	ND(0.82)
3-Nitroaniline		5.5	NA	ND(2.3)	ND(22)	ND(2.1)
4,6-Dinitro-2-methylphenol		55	NA	ND(0.45) J	ND(4.4) J	ND(0.41) J
4-Aminobiphenyl		1,400	NA	ND(0.91)	ND(4.4)	ND(0.82)
4-Bromophenyl-phenylether		160	NA	ND(0.45)	ND(4.4)	ND(0.41)
4-Chloro-3-Methylphenol		2,700	NA	ND(0.45)	ND(4.4)	ND(0.41)
4-Chloroaniline		220	NA	ND(0.45)	ND(4.4)	ND(0.41)
4-Chlorobenzilate		1.6	NA	ND(0.91)	ND(4.4)	ND(0.82)
4-Chlorophenyl-phenylether		Not Listed	NA	ND(0.45)	ND(4.4)	ND(0.41)
4-Methylphenol		270	NA	NA	NA	NA
4-Nitroaniline		5.5	NA	ND(2.3)	ND(4.4)	ND(2.1)
4-Nitrophenol		3,400	NA	ND(2.3)	ND(22)	ND(2.1)
4-Nitroquinoline-1-oxide		110	NA	ND(0.91) J	ND(4.4) J	ND(0.82) J
4-Phenylenediamine		10,000	NA	ND(0.91)	ND(4.4)	ND(0.82)
5-Nitro-o-toluidine		13	NA	ND(0.91)	ND(4.4)	ND(0.82)
7,12-Dimethylbenz(a)anthracene		0.056	NA	ND(0.91)	ND(4.4)	ND(0.82)
a,a'-Dimethylphenethylamine		55	NA	ND(0.91) J	ND(4.4) J	ND(0.82) J
Acenaphthene		2,600	NA	ND(0.45)	ND(4.4)	ND(0.41)
Acenaphthylene		55	NA	0.19 J	ND(4.4)	ND(0.41)
Acetophenone		0.49	NA	ND(0.45)	ND(4.4)	ND(0.41)
Aniline		78	NA	ND(0.45) J	ND(4.4) J	ND(0.41) J
Anthracene		14,000	NA	0.14 J	ND(4.4)	0.060 J
Aramite		18	NA	ND(0.91)	ND(4.4)	ND(0.82)
Azobenzene		4	NA	NA	NA	NA
Benzidine		0.0019	NA	ND(0.91) J	ND(8.7) J	ND(0.82) J

**TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-4 I9-10-8-SB-4 3-5 05/14/08	PDI I9-10-8-SB-12 I9-10-8-SB-12 0-1 03/08/05	PDI I9-10-8-SB-12 I9-10-8-SB-12 3-5 03/08/05	PDI I9-10-8-SB-12 I9-10-8-SB-12 7-9 03/08/05
Semivolatile Organics (continued)						
Benzo(a)anthracene		0.56	NA	0.59	0.80 J	0.13 J
Benzo(a)pyrene		0.056	NA	0.57	0.83 J	0.10 J
Benzo(b)fluoranthene		0.56	NA	0.47	0.79 J	0.093 J
Benzo(g,h,i)perylene		55	NA	0.32 J	ND(4.4)	0.066 J
Benzo(k)fluoranthene		5.6	NA	0.59	0.76 J	0.091 J
Benzyl Alcohol		16,000	NA	ND(0.91)	ND(8.7)	ND(0.82)
bis(2-Chloroethoxy)methane		Not Listed	NA	ND(0.45)	ND(4.4)	ND(0.41)
bis(2-Chloroethyl)ether		0.18	NA	ND(0.45)	ND(4.4)	ND(0.41)
bis(2-Chloroisopropyl)ether		2.5	NA	ND(0.45)	ND(4.4)	ND(0.41)
bis(2-Ethylhexyl)phthalate		32	NA	1.1	ND(2.2)	ND(0.40)
Butylbenzylphthalate		930	NA	ND(0.45)	ND(4.4)	ND(0.41)
Chrysene		56	NA	0.67	0.94 J	0.11 J
Diallate		7.3	NA	ND(0.91)	ND(4.4)	ND(0.82)
Dibenzo(a,h)anthracene		0.056	NA	0.068 J	ND(4.4)	ND(0.41)
Dibenzofuran		210	NA	ND(0.45)	ND(4.4)	ND(0.41)
Diethylphthalate		44,000	NA	ND(0.45)	ND(4.4)	ND(0.41)
Dimethylphthalate		100,000	NA	ND(0.45)	ND(4.4)	ND(0.41)
Di-n-Butylphthalate		5,500	NA	ND(0.45)	ND(4.4)	ND(0.41)
Di-n-Octylphthalate		1,100	NA	ND(0.45)	ND(4.4)	ND(0.41)
Diphenylamine		1,400	NA	ND(0.45)	ND(4.4)	ND(0.41)
Ethyl Methanesulfonate		Not Listed	NA	ND(0.45)	ND(4.4)	ND(0.41)
Fluoranthene		2,000	NA	1.2	1.6 J	0.19 J
Fluorene		1,800	NA	0.046 J	ND(4.4)	ND(0.41)
Hexachlorobenzene		0.28	NA	ND(0.45)	ND(4.4)	ND(0.41)
Hexachlorobutadiene		5.7	NA	ND(0.45)	ND(4.4)	ND(0.41)
Hexachlorocyclopentadiene		380	NA	ND(0.45) J	ND(4.4) J	ND(0.41) J
Hexachloroethane		32	NA	ND(0.45)	ND(4.4)	ND(0.41)
Hexachlorophene		16	NA	ND(0.91) J	ND(8.7) J	ND(0.82) J
Hexachloropropene		Not Listed	NA	ND(0.45)	ND(4.4)	ND(0.41)
Indeno(1,2,3-cd)pyrene		0.56	NA	0.26 J	ND(4.4)	ND(0.41)
Isodrin		Not Listed	NA	ND(0.45)	ND(4.4)	ND(0.41)
Isophorone		470	NA	ND(0.45) J	ND(4.4) J	ND(0.41) J
Isosafrole		Not Listed	NA	ND(0.91) J	ND(4.4) J	ND(0.82) J
Methapyrilene		55	NA	ND(0.91) J	ND(4.4) J	ND(0.82) J
Methyl Methanesulfonate		Not Listed	NA	ND(0.45)	ND(4.4)	ND(0.41)
Naphthalene		55	NA	ND(0.45)	ND(4.4)	0.12 J
Nitrobenzene		16	NA	ND(0.45)	ND(4.4)	ND(0.41)
N-Nitrosodiethylamine		0.003	NA	ND(0.45)	ND(4.4)	ND(0.41)
N-Nitrosodimethylamine		0.0087	NA	ND(0.45)	ND(4.4)	ND(0.41)
N-Nitroso-di-n-butylamine		0.022	NA	ND(0.91)	ND(4.4)	ND(0.82)
N-Nitroso-di-n-propylamine		0.063	NA	ND(0.45)	ND(4.4)	ND(0.41)
N-Nitrosodiphenylamine		91	NA	ND(0.45)	ND(4.4)	ND(0.41)
N-Nitrosomethylethylamine		0.02	NA	ND(0.91)	ND(4.4)	ND(0.82)
N-Nitrosomorpholine		0.21	NA	ND(0.45)	ND(4.4)	ND(0.41)
N-Nitrosopiperidine		0.21	NA	ND(0.45)	ND(4.4)	ND(0.41)
N-Nitrosopyrrolidine		0.21	NA	ND(0.91)	ND(4.4)	ND(0.82)
o,o,o-Triethylphosphorothioate		11	NA	ND(0.45)	ND(4.4)	ND(0.41)
o-Toluidine		1.9	NA	ND(0.45)	ND(4.4)	ND(0.41)
p-Dimethylaminoazobenzene		0.99	NA	ND(0.91)	ND(4.4)	ND(0.82)
Pentachlorobenzene		44	NA	ND(0.45)	ND(4.4)	ND(0.41)
Pentachloroethane		2.8	NA	ND(0.45)	ND(4.4)	ND(0.41)
Pentachloronitrobenzene		1.7	NA	ND(0.91)	ND(4.4)	ND(0.82)
Pentachlorophenol		2.5	NA	ND(2.3)	ND(22)	ND(2.1)
Phenacetin		640	NA	ND(0.91)	ND(4.4)	ND(0.82)
Phenanthrene		55	NA	0.64	0.78 J	0.18 J
Phenol		33,000	NA	ND(0.45)	ND(4.4)	ND(0.41)
Pronamide		4,100	NA	ND(0.45)	ND(4.4)	ND(0.41)
Pyrene		1,500	NA	1.2	1.9 J	0.21 J

**TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-4 I9-10-8-SB-4 3-5 05/14/08	PDI I9-10-8-SB-12 I9-10-8-SB-12 0-1 03/08/05	PDI I9-10-8-SB-12 I9-10-8-SB-12 3-5 03/08/05	PDI I9-10-8-SB-12 I9-10-8-SB-12 7-9 03/08/05
Semivolatile Organics (continued)						
Pyridine		55	NA	ND(0.45)	ND(4.4)	ND(0.41)
Safrole		Not Listed	NA	ND(0.45) J	ND(4.4) J	ND(0.41) J
Thionazin		330	NA	ND(0.45)	ND(4.4)	ND(0.41)
Herbicides						
Dinoseb		55	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF		Not Applicable	NA	0.00064 Y	0.000061 Y	0.0000017 Y
TCDFs (total)		Not Applicable	NA	0.0022	0.00062	0.000020
1,2,3,7,8-PeCDF		Not Applicable	NA	0.00018	0.000012	ND(0.00000091)
2,3,4,7,8-PeCDF		Not Applicable	NA	0.00058	0.000019	ND(0.00000069)
PeCDFs (total)		Not Applicable	NA	0.0027	0.00041	0.000013
1,2,3,4,7,8-HxCDF		Not Applicable	NA	0.00018	0.000040	0.0000035 J
1,2,3,6,7,8-HxCDF		Not Applicable	NA	0.000096	0.000024 I	ND(0.0000021)
1,2,3,7,8,9-HxCDF		Not Applicable	NA	0.0000051 J	ND(0.00000086)	ND(0.00000031)
2,3,4,6,7,8-HxCDF		Not Applicable	NA	0.00013	0.000013	ND(0.00000078)
HxCDFs (total)		Not Applicable	NA	0.0011	0.00045	0.000019
1,2,3,4,6,7,8-HpCDF		Not Applicable	NA	0.000092	0.00011	0.0000045 J
1,2,3,4,7,8,9-HpCDF		Not Applicable	NA	0.000012	0.000014	ND(0.0000014)
HpCDFs (total)		Not Applicable	NA	0.00017	0.00026	0.0000090
OCDF		Not Applicable	NA	0.000045	0.00012	ND(0.0000030)
Dioxins						
2,3,7,8-TCDD		Not Applicable	NA	0.0000024	ND(0.00000051)	ND(0.00000018)
TCDDs (total)		Not Applicable	NA	0.000049	0.0000088	ND(0.00000038)
1,2,3,7,8-PeCDD		Not Applicable	NA	0.000010	ND(0.0000027)	ND(0.00000049)
PeCDDs (total)		Not Applicable	NA	0.000072	ND(0.000012)	ND(0.0000013)
1,2,3,4,7,8-HxCDD		Not Applicable	NA	0.0000077	ND(0.0000021)	ND(0.00000020)
1,2,3,6,7,8-HxCDD		Not Applicable	NA	0.000018	0.0000073	ND(0.00000044)
1,2,3,7,8,9-HxCDD		Not Applicable	NA	0.000014	0.0000050 J	ND(0.00000051)
HxCDDs (total)		Not Applicable	NA	0.00017	0.000063	ND(0.0000015)
1,2,3,4,6,7,8-HpCDD		Not Applicable	NA	0.00021	0.00018	0.0000040 J
HpCDDs (total)		Not Applicable	NA	0.00037	0.00035	0.0000083
OCDD		Not Applicable	NA	0.00067	0.0017	0.000011 J
Total TEQs (WHO TEFs)		Not Applicable	NA	0.00042	0.000030	0.0000014
Inorganics						
Antimony		30	NA	1.20 B	0.940 B	ND(6.00)
Arsenic		0.38	NA	7.00	8.50	4.40
Barium		5,200	NA	39.0	260	24.0
Beryllium		150	NA	0.220 B	0.430 B	0.140 B
Cadmium		37	NA	0.770	0.790	ND(0.500)
Chromium		210	NA	8.00	19.0	8.70
Cobalt		3,300	NA	5.30	9.30	7.20
Copper		2,800	NA	22.0	52.0	17.0
Lead		400	656	180	790	30.0
Mercury		22	NA	0.840	0.260	0.0590 B
Nickel		1,500	NA	13.0	18.0	15.0
Selenium		370	NA	4.20	4.20 J	1.20 J
Silver		370	NA	ND(1.0)	ND(1.0)	ND(1.0)
Thallium		6	NA	ND(1.40)	ND(1.30)	ND(1.20)
Tin		45,000	NA	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium		520	NA	11.0	15.0	6.90
Zinc		22,000	NA	140	280	58.0
Cyanide		11	NA	0.140 B	0.210	ND(0.120)
Sulfide		350	NA	24.0	210	130

**TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-16-SS I9-10-8-SB-16-SS 0-1 06/01/06	PDI I9-10-8-SB-16-SS I9-10-8-SB-16-SS 3-5 03/14/07	PDI I9-10-8-SB-17 I9-10-8-SB-17 0-1 03/07/05	PDI I9-10-8-SB-17 I9-10-8-SB-17 5-7 03/07/05
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	NA	NA	ND(0.0065)	ND(0.014)
1,1,1-Trichloroethane		680	NA	NA	ND(0.0065)	ND(0.014)
1,1,2,2-Tetrachloroethane		0.36	NA	NA	ND(0.0065)	ND(0.014)
1,1,2-Trichloroethane		0.82	NA	NA	ND(0.0065)	ND(0.014)
1,1-Dichloroethane		570	NA	NA	ND(0.0065)	ND(0.014)
1,1-Dichloroethene		0.052	NA	NA	ND(0.0065)	ND(0.014)
1,2,3-Trichloropropane		0.0014	NA	NA	ND(0.0065)	ND(0.014)
1,2-Dibromo-3-chloropropane		0.32	NA	NA	ND(0.0065)	ND(0.014)
1,2-Dibromoethane		0.0049	NA	NA	ND(0.0065)	ND(0.014)
1,2-Dichloroethane		0.34	NA	NA	ND(0.0065)	ND(0.014)
1,2-Dichloropropane		0.34	NA	NA	ND(0.0065)	ND(0.014)
1,4-Dioxane		40	NA	NA	ND(0.13)	ND(0.27)
2-Butanone		6,900	NA	NA	ND(0.013)	0.30 J
2-Chloro-1,3-butadiene		3.6	NA	NA	ND(0.0065)	ND(0.014)
2-Chloroethylvinylether		0.18	NA	NA	ND(0.0065)	ND(0.014)
2-Hexanone		750	NA	NA	ND(0.013)	ND(0.027)
3-Chloropropene		2,700	NA	NA	ND(0.0065)	ND(0.014)
4-Methyl-2-pentanone		750	NA	NA	ND(0.013)	ND(0.027)
Acetone		1,400	NA	NA	ND(0.026)	0.54 J
Acetonitrile		200	NA	NA	ND(0.13)	ND(0.27)
Acrolein		0.1	NA	NA	ND(0.13) J	ND(0.27) J
Acrylonitrile		0.19	NA	NA	ND(0.0065)	ND(0.014)
Benzene		0.62	NA	NA	ND(0.0065)	ND(0.014)
Bromodichloromethane		0.98	NA	NA	ND(0.0065)	ND(0.014)
Bromoform		56	NA	NA	ND(0.0065)	ND(0.014)
Bromomethane		3.8	NA	NA	ND(0.0065)	ND(0.014)
Carbon Disulfide		350	NA	NA	ND(0.0065)	ND(0.014)
Carbon Tetrachloride		0.23	NA	NA	ND(0.0065)	ND(0.014)
Chlorobenzene		54	NA	NA	ND(0.0065)	ND(0.014)
Chloroethane		1,600	NA	NA	ND(0.0065) J	ND(0.014) J
Chloroform		0.24	NA	NA	ND(0.0065)	ND(0.014)
Chloromethane		1.2	NA	NA	ND(0.0065)	ND(0.014)
cis-1,3-Dichloropropene		Not Listed	NA	NA	ND(0.0065)	ND(0.014)
Dibromochloromethane		5.3	NA	NA	ND(0.0065)	ND(0.014)
Dibromomethane		550	NA	NA	ND(0.0065)	ND(0.014)
Dichlorodifluoromethane		94	NA	NA	ND(0.0065)	ND(0.014)
Ethyl Methacrylate		140	NA	NA	ND(0.0065)	ND(0.014)
Ethylbenzene		230	NA	NA	ND(0.0065)	ND(0.014)
Iodomethane		1.2	NA	NA	ND(0.0065)	ND(0.014)
Isobutanol		10,000	NA	NA	ND(0.13) J	ND(0.27) J
Methacrylonitrile		1.8	NA	NA	ND(0.0065)	ND(0.014)
Methyl Methacrylate		2,200	NA	NA	ND(0.0065)	ND(0.014)
Methylene Chloride		8.5	NA	NA	ND(0.0065)	ND(0.014)
Propionitrile		200	NA	NA	ND(0.013)	ND(0.027)
Styrene		1,700	NA	NA	ND(0.0065)	ND(0.014)
Tetrachloroethene		4.7	NA	NA	ND(0.0065)	ND(0.014)
Toluene		520	NA	NA	0.0044 J	ND(0.014)
trans-1,2-Dichloroethene		62	NA	NA	ND(0.0065)	ND(0.014)
trans-1,3-Dichloropropene		Not Listed	NA	NA	ND(0.0065)	ND(0.014)
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	ND(0.0065)	ND(0.014)
Trichloroethene		2.7	NA	NA	ND(0.0065)	ND(0.014)
Trichlorofluoromethane		380	NA	NA	ND(0.0065)	ND(0.014)
Vinyl Acetate		420	NA	NA	ND(0.0065)	ND(0.014)
Vinyl Chloride		0.021	NA	NA	ND(0.0065)	ND(0.014)
Xylenes (total)		210	NA	NA	0.0061 J	0.013 J

**TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-16-SS I9-10-8-SB-16-SS 0-1 06/01/06	PDI I9-10-8-SB-16-SS I9-10-8-SB-16-SS 3-5 03/14/07	PDI I9-10-8-SB-17 I9-10-8-SB-17 0-1 03/07/05	PDI I9-10-8-SB-17 I9-10-8-SB-17 5-7 03/07/05
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	NA	NA	ND(0.43)	ND(0.91)
1,2,4-Trichlorobenzene		480	NA	NA	ND(0.43)	ND(0.91)
1,2-Dichlorobenzene		370	NA	NA	ND(0.43)	ND(0.91)
1,2-Diphenylhydrazine		0.56	NA	NA	ND(0.43)	ND(0.91)
1,3,5-Trinitrobenzene		1,600	NA	NA	ND(0.43)	ND(0.91)
1,3-Dichlorobenzene		41	NA	NA	ND(0.43)	ND(0.91)
1,3-Dinitrobenzene		5.5	NA	NA	ND(0.87)	ND(1.8)
1,4-Dichlorobenzene		3	NA	NA	ND(0.43)	ND(0.91)
1,4-Naphthoquinone		55	NA	NA	ND(0.87)	ND(1.8)
1-Naphthylamine		Not Listed	NA	NA	ND(0.87)	ND(1.8)
2,3,4,6-Tetrachlorophenol		1,600	NA	NA	ND(0.43)	ND(0.91)
2,4,5-Trichlorophenol		5,500	NA	NA	ND(0.43)	ND(0.91)
2,4,6-Trichlorophenol		40	NA	NA	ND(0.43)	ND(0.91)
2,4-Dichlorophenol		160	NA	NA	ND(0.43)	ND(0.91)
2,4-Dimethylphenol		1,100	NA	NA	ND(0.43)	ND(0.91)
2,4-Dinitrophenol		110	NA	NA	ND(2.2) J	ND(4.6)
2,4-Dinitrotoluene		110	NA	NA	ND(0.43)	ND(0.91)
2,6-Dichlorophenol		160	NA	NA	ND(0.43)	ND(0.91)
2,6-Dinitrotoluene		55	NA	NA	ND(0.43)	ND(0.91)
2-Acetylaminofluorene		0.56	NA	NA	ND(0.87)	ND(1.8)
2-Chloronaphthalene		3,700	NA	NA	ND(0.43)	ND(0.91)
2-Chlorophenol		59	NA	NA	ND(0.43)	ND(0.91)
2-Methylnaphthalene		55	NA	NA	ND(0.43)	ND(0.91)
2-Methylphenol		2,700	NA	NA	ND(0.43)	ND(0.91)
2-Naphthylamine		Not Listed	NA	NA	ND(0.87)	ND(1.8)
2-Nitroaniline		3.3	NA	NA	ND(2.2)	ND(4.6)
2-Nitrophenol		Not Listed	NA	NA	ND(0.87)	ND(1.8)
2-Picoline		55	NA	NA	ND(0.43)	ND(0.91)
3&4-Methylphenol		270	NA	NA	ND(0.87)	ND(1.8)
3,3'-Dichlorobenzidine		0.99	NA	NA	ND(0.87)	ND(1.8)
3,3'-Dimethylbenzidine		0.048	NA	NA	ND(0.43)	ND(0.91)
3-Methylcholanthrene		0.056	NA	NA	ND(0.87)	ND(1.8)
3-Nitroaniline		5.5	NA	NA	ND(2.2)	ND(4.6)
4,6-Dinitro-2-methylphenol		55	NA	NA	ND(0.43) J	ND(0.91)
4-Aminobiphenyl		1,400	NA	NA	ND(0.87)	ND(1.8)
4-Bromophenyl-phenylether		160	NA	NA	ND(0.43)	ND(0.91)
4-Chloro-3-Methylphenol		2,700	NA	NA	ND(0.43)	ND(0.91)
4-Chloroaniline		220	NA	NA	ND(0.43)	ND(0.91)
4-Chlorobenzilate		1.6	NA	NA	ND(0.87)	ND(1.8)
4-Chlorophenyl-phenylether		Not Listed	NA	NA	ND(0.43)	ND(0.91)
4-Methylphenol		270	NA	NA	NA	NA
4-Nitroaniline		5.5	NA	NA	ND(2.2)	ND(4.6)
4-Nitrophenol		3,400	NA	NA	ND(2.2)	ND(4.6)
4-Nitroquinoline-1-oxide		110	NA	NA	ND(0.87) J	ND(1.8) J
4-Phenylenediamine		10,000	NA	NA	ND(0.87)	ND(1.8)
5-Nitro-o-toluidine		13	NA	NA	ND(0.87)	ND(1.8)
7,12-Dimethylbenz(a)anthracene		0.056	NA	NA	ND(0.87)	ND(1.8)
a,a'-Dimethylphenethylamine		55	NA	NA	ND(0.87) J	ND(1.8) J
Acenaphthene		2,600	NA	NA	ND(0.43)	ND(0.91)
Acenaphthylene		55	NA	NA	0.21 J	ND(0.91)
Acetophenone		0.49	NA	NA	ND(0.43)	ND(0.91)
Aniline		78	NA	NA	ND(0.43) J	ND(0.91) J
Anthracene		14,000	NA	NA	0.26 J	0.10 J
Aramite		18	NA	NA	ND(0.87)	ND(1.8)
Azobenzene		4	NA	NA	NA	NA
Benzidine		0.0019	NA	NA	ND(0.87) J	ND(1.8) J

**TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Regional 9 Residential PRGs	PDI	PDI	PDI	PDI
			I9-10-8-SB-16-SS I9-10-8-SB-16-SS 0-1 06/01/06	I9-10-8-SB-16-SS I9-10-8-SB-16-SS 3-5 03/14/07	I9-10-8-SB-17 I9-10-8-SB-17 0-1 03/07/05	I9-10-8-SB-17 I9-10-8-SB-17 5-7 03/07/05
Semivolatile Organics (continued)						
Benzo(a)anthracene		0.56	NA	NA	1.0	0.51 J
Benzo(a)pyrene		0.056	NA	NA	1.2	0.33 J
Benzo(b)fluoranthene		0.56	NA	NA	0.90	0.25 J
Benzo(g,h,i)perylene		55	NA	NA	0.74	0.12 J
Benzo(k)fluoranthene		5.6	NA	NA	1.0	0.34 J
Benzyl Alcohol		16,000	NA	NA	ND(0.87)	ND(1.8)
bis(2-Chloroethoxy)methane		Not Listed	NA	NA	ND(0.43)	ND(0.91)
bis(2-Chloroethyl)ether		0.18	NA	NA	ND(0.43)	ND(0.91)
bis(2-Chloroisopropyl)ether		2.5	NA	NA	ND(0.43)	ND(0.91)
bis(2-Ethylhexyl)phthalate		32	NA	NA	ND(0.43)	ND(0.90)
Butylbenzylphthalate		930	NA	NA	ND(0.43)	ND(0.91)
Chrysene		56	NA	NA	1.1	0.41 J
Diallate		7.3	NA	NA	ND(0.87)	ND(1.8)
Dibenzo(a,h)anthracene		0.056	NA	NA	0.14 J	ND(0.91)
Dibenzofuran		210	NA	NA	0.052 J	ND(0.91)
Diethylphthalate		44,000	NA	NA	ND(0.43)	ND(0.91)
Dimethylphthalate		100,000	NA	NA	ND(0.43)	ND(0.91)
Di-n-Butylphthalate		5,500	NA	NA	ND(0.43)	ND(0.91)
Di-n-Octylphthalate		1,100	NA	NA	ND(0.43)	ND(0.91)
Diphenylamine		1,400	NA	NA	ND(0.43)	ND(0.91)
Ethyl Methanesulfonate		Not Listed	NA	NA	ND(0.43)	ND(0.91)
Fluoranthene		2,000	NA	NA	2.0	0.69 J
Fluorene		1,800	NA	NA	ND(0.43)	ND(0.91)
Hexachlorobenzene		0.28	NA	NA	ND(0.43)	ND(0.91)
Hexachlorobutadiene		5.7	NA	NA	ND(0.43)	ND(0.91)
Hexachlorocyclopentadiene		380	NA	NA	ND(0.43)	ND(0.91)
Hexachloroethane		32	NA	NA	ND(0.43)	ND(0.91)
Hexachlorophene		16	NA	NA	ND(0.87) J	ND(1.8) J
Hexachloropropene		Not Listed	NA	NA	ND(0.43)	ND(0.91)
Indeno(1,2,3-cd)pyrene		0.56	NA	NA	0.58	ND(0.91)
Isodrin		Not Listed	NA	NA	ND(0.43)	ND(0.91)
Isophorone		470	NA	NA	ND(0.43)	ND(0.91)
Isosafrole		Not Listed	NA	NA	ND(0.87)	ND(1.8)
Methapyrilene		55	NA	NA	ND(0.87) J	ND(1.8) J
Methyl Methanesulfonate		Not Listed	NA	NA	ND(0.43)	ND(0.91)
Naphthalene		55	NA	NA	0.079 J	ND(0.91)
Nitrobenzene		16	NA	NA	ND(0.43)	ND(0.91)
N-Nitrosodiethylamine		0.003	NA	NA	ND(0.43)	ND(0.91)
N-Nitrosodimethylamine		0.0087	NA	NA	ND(0.43)	ND(0.91)
N-Nitroso-di-n-butylamine		0.022	NA	NA	ND(0.87)	ND(1.8)
N-Nitroso-di-n-propylamine		0.063	NA	NA	ND(0.43)	ND(0.91)
N-Nitrosodiphenylamine		91	NA	NA	ND(0.43)	ND(0.91)
N-Nitrosomethylethylamine		0.02	NA	NA	ND(0.87)	ND(1.8)
N-Nitrosomorpholine		0.21	NA	NA	ND(0.43)	ND(0.91)
N-Nitrosopiperidine		0.21	NA	NA	ND(0.43)	ND(0.91)
N-Nitrosopyrrolidine		0.21	NA	NA	ND(0.87)	ND(1.8)
o,o,o-Triethylphosphorothioate		11	NA	NA	ND(0.43)	ND(0.91)
o-Toluidine		1.9	NA	NA	ND(0.43)	ND(0.91)
p-Dimethylaminoazobenzene		0.99	NA	NA	ND(0.87)	ND(1.8)
Pentachlorobenzene		44	NA	NA	ND(0.43)	ND(0.91)
Pentachloroethane		2.8	NA	NA	ND(0.43)	ND(0.91)
Pentachloronitrobenzene		1.7	NA	NA	ND(0.87)	ND(1.8)
Pentachlorophenol		2.5	NA	NA	ND(2.2)	ND(4.6)
Phenacetin		640	NA	NA	ND(0.87)	ND(1.8)
Phenanthrene		55	NA	NA	0.98	0.28 J
Phenol		33,000	NA	NA	ND(0.43)	ND(0.91)
Pronamide		4,100	NA	NA	ND(0.43)	ND(0.91)
Pyrene		1,500	NA	NA	1.9	0.77 J

**TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-16-SS I9-10-8-SB-16-SS 0-1 06/01/06	PDI I9-10-8-SB-16-SS I9-10-8-SB-16-SS 3-5 03/14/07	PDI I9-10-8-SB-17 I9-10-8-SB-17 0-1 03/07/05	PDI I9-10-8-SB-17 I9-10-8-SB-17 5-7 03/07/05
Semivolatile Organics (continued)					
Pyridine	55	NA	NA	ND(0.43)	ND(0.91)
Safrole	Not Listed	NA	NA	ND(0.43) J	ND(0.91) J
Thionazin	330	NA	NA	ND(0.43)	ND(0.91)
Herbicides					
Dinoseb	55	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Applicable	NA	NA	0.000046 J	0.000029 Y
TCDFs (total)	Not Applicable	NA	NA	0.00035	0.000042
1,2,3,7,8-PeCDF	Not Applicable	NA	NA	0.000013	ND(0.0000026)
2,3,4,7,8-PeCDF	Not Applicable	NA	NA	0.000015	0.0000040 J
PeCDFs (total)	Not Applicable	NA	NA	0.00017	0.000012
1,2,3,4,7,8-HxCDF	Not Applicable	NA	NA	0.0000095	0.0000048 J
1,2,3,6,7,8-HxCDF	Not Applicable	NA	NA	0.0000083 I	ND(0.0000031)
1,2,3,7,8,9-HxCDF	Not Applicable	NA	NA	ND(0.00000031)	ND(0.00000020)
2,3,4,6,7,8-HxCDF	Not Applicable	NA	NA	0.0000074	ND(0.0000033)
HxCDFs (total)	Not Applicable	NA	NA	0.00010	0.000010
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	NA	0.000031	0.000010
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	NA	ND(0.0000028)	ND(0.0000073)
HpCDFs (total)	Not Applicable	NA	NA	0.000051	0.000010
OCDF	Not Applicable	NA	NA	0.000034	ND(0.0000044)
Dioxins					
2,3,7,8-TCDD	Not Applicable	NA	NA	ND(0.00000033)	ND(0.00000025)
TCDDs (total)	Not Applicable	NA	NA	0.0000067	0.0000062
1,2,3,7,8-PeCDD	Not Applicable	NA	NA	ND(0.0000011)	ND(0.0000011)
PeCDDs (total)	Not Applicable	NA	NA	ND(0.0000042)	0.0000083
1,2,3,4,7,8-HxCDD	Not Applicable	NA	NA	ND(0.0000012)	ND(0.00000085)
1,2,3,6,7,8-HxCDD	Not Applicable	NA	NA	ND(0.0000023)	ND(0.0000022)
1,2,3,7,8,9-HxCDD	Not Applicable	NA	NA	ND(0.0000025)	ND(0.0000025)
HxCDDs (total)	Not Applicable	NA	NA	0.000017	0.000016
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	NA	0.000037	0.000010
HpCDDs (total)	Not Applicable	NA	NA	0.000074	0.000020
OCDD	Not Applicable	NA	NA	0.000031	0.000023
Total TEQs (WHO TEFs)	Not Applicable	NA	NA	0.000017	0.0000043
Inorganics					
Antimony	30	NA	NA	ND(6.00)	ND(6.00)
Arsenic	0.38	NA	NA	11.0	16.0
Barium	5,200	NA	NA	96.0	120
Beryllium	150	NA	NA	0.320 B	0.410 B
Cadmium	37	NA	NA	0.360 B	0.430 B
Chromium	210	NA	NA	14.0	58.0
Cobalt	3,300	NA	NA	9.60	14.0
Copper	2,800	NA	NA	67.0	170
Lead	400	225	240	260	550
Mercury	22	NA	NA	0.950	1.80
Nickel	1,500	NA	NA	17.0	28.0
Selenium	370	NA	NA	1.80 J	3.60 J
Silver	370	NA	NA	0.140 B	0.420 B
Thallium	6	NA	NA	ND(1.30)	ND(2.70)
Tin	45,000	NA	NA	22.0	64.0
Vanadium	520	NA	NA	27.0	21.0
Zinc	22,000	NA	NA	180	810
Cyanide	11	NA	NA	0.220	0.610
Sulfide	350	NA	NA	21.0	44.0

TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-17 I9-10-8-SB-17 9-11 03/07/05	PDI I9-10-8-SB-18 I9-10-8-SB-18 0-1 05/14/08	PDI I9-10-8-SB-18 I9-10-8-SB-18 3-5 03/07/05	PDI I9-10-8-SB-18 I9-10-8-SB-18 7-9 03/07/05
Parameter					
Volatile Organics					
1,1,1,2-Tetrachloroethane	2.8	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
1,1,1-Trichloroethane	680	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
1,1,2,2-Tetrachloroethane	0.36	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
1,1,2-Trichloroethane	0.82	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
1,1-Dichloroethane	570	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
1,1-Dichloroethene	0.052	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
1,2,3-Trichloropropane	0.0014	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
1,2-Dibromo-3-chloropropane	0.32	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
1,2-Dibromoethane	0.0049	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
1,2-Dichloroethane	0.34	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
1,2-Dichloropropane	0.34	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
1,4-Dioxane	40	ND(0.23)	NA	ND(0.14)	ND(0.16)
2-Butanone	6,900	0.019 J	NA	ND(0.014)	ND(0.016)
2-Chloro-1,3-butadiene	3.6	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
2-Chloroethylvinylether	0.18	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
2-Hexanone	750	ND(0.023)	NA	ND(0.014)	ND(0.016)
3-Chloropropene	2,700	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
4-Methyl-2-pentanone	750	ND(0.023)	NA	ND(0.014)	ND(0.016)
Acetone	1,400	0.068	NA	ND(0.028)	0.028 J
Acetonitrile	200	ND(0.23)	NA	ND(0.14)	ND(0.16)
Acrolein	0.1	ND(0.23) J	NA	ND(0.14) J	ND(0.16)
Acrylonitrile	0.19	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
Benzene	0.62	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
Bromodichloromethane	0.98	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
Bromoform	56	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
Bromomethane	3.8	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
Carbon Disulfide	350	ND(0.012)	NA	ND(0.0069)	0.0062 J
Carbon Tetrachloride	0.23	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
Chlorobenzene	54	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
Chloroethane	1,600	ND(0.012) J	NA	ND(0.0069) J	ND(0.0078)
Chloroform	0.24	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
Chloromethane	1.2	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
cis-1,3-Dichloropropene	Not Listed	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
Dibromochloromethane	5.3	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
Dibromomethane	550	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
Dichlorodifluoromethane	94	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
Ethyl Methacrylate	140	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
Ethylbenzene	230	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
Iodomethane	1.2	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
Isobutanol	10,000	ND(0.23) J	NA	ND(0.14) J	ND(0.16)
Methacrylonitrile	1.8	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
Methyl Methacrylate	2,200	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
Methylene Chloride	8.5	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
Propionitrile	200	ND(0.023)	NA	ND(0.014)	ND(0.016)
Styrene	1,700	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
Tetrachloroethene	4.7	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
Toluene	520	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
trans-1,2-Dichloroethene	62	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
trans-1,3-Dichloropropene	Not Listed	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
trans-1,4-Dichloro-2-butene	Not Listed	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
Trichloroethene	2.7	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
Trichlorofluoromethane	380	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
Vinyl Acetate	420	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
Vinyl Chloride	0.021	ND(0.012)	NA	ND(0.0069)	ND(0.0078)
Xylenes (total)	210	0.011 J	NA	0.0064 J	ND(0.0078)

TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-17 I9-10-8-SB-17 9-11 03/07/05	PDI I9-10-8-SB-18 I9-10-8-SB-18 0-1 05/14/08	PDI I9-10-8-SB-18 I9-10-8-SB-18 3-5 03/07/05	PDI I9-10-8-SB-18 I9-10-8-SB-18 7-9 03/07/05
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	16	ND(0.78)	NA	R	ND(0.94)
1,2,4-Trichlorobenzene	480	ND(0.78)	NA	R	ND(0.94)
1,2-Dichlorobenzene	370	ND(0.78)	NA	R	ND(0.94)
1,2-Diphenylhydrazine	0.56	ND(0.78)	NA	R	ND(0.94)
1,3,5-Trinitrobenzene	1,600	ND(0.78)	NA	R	ND(0.94)
1,3-Dichlorobenzene	41	ND(0.78)	NA	R	ND(0.94)
1,3-Dinitrobenzene	5.5	ND(1.6)	NA	R	ND(1.0)
1,4-Dichlorobenzene	3	ND(0.78)	NA	R	ND(0.94)
1,4-Naphthoquinone	55	ND(1.6)	NA	R	ND(1.0)
1-Naphthylamine	Not Listed	ND(1.6)	NA	R	ND(1.0)
2,3,4,6-Tetrachlorophenol	1,600	ND(0.78)	NA	ND(0.46)	ND(0.94)
2,4,5-Trichlorophenol	5,500	ND(0.78)	NA	ND(0.46)	ND(0.94)
2,4,6-Trichlorophenol	40	ND(0.78)	NA	ND(0.46)	ND(0.94)
2,4-Dichlorophenol	160	ND(0.78)	NA	ND(0.46)	ND(0.94)
2,4-Dimethylphenol	1,100	ND(0.78)	NA	ND(0.46)	ND(0.94)
2,4-Dinitrophenol	110	ND(4.0)	NA	ND(2.3)	ND(4.7) J
2,4-Dinitrotoluene	110	ND(0.78)	NA	R	ND(0.94)
2,6-Dichlorophenol	160	ND(0.78)	NA	ND(0.46)	ND(0.94)
2,6-Dinitrotoluene	55	ND(0.78)	NA	R	ND(0.94)
2-Acetylaminofluorene	0.56	ND(1.6)	NA	R	ND(1.0)
2-Chloronaphthalene	3,700	ND(0.78)	NA	R	ND(0.94)
2-Chlorophenol	59	ND(0.78)	NA	ND(0.46)	ND(0.94)
2-Methylnaphthalene	55	ND(0.78)	NA	R	ND(0.94)
2-Methylphenol	2,700	ND(0.78)	NA	ND(0.46)	ND(0.94)
2-Naphthylamine	Not Listed	ND(1.6)	NA	R	ND(1.0)
2-Nitroaniline	3.3	ND(4.0)	NA	R	ND(4.7)
2-Nitrophenol	Not Listed	ND(1.6)	NA	ND(0.92)	ND(1.0)
2-Picoline	55	ND(0.78)	NA	R	ND(0.94)
3&4-Methylphenol	270	ND(1.6)	NA	ND(0.92)	ND(1.0)
3,3'-Dichlorobenzidine	0.99	ND(1.6)	NA	R	ND(1.9)
3,3'-Dimethylbenzidine	0.048	ND(0.78)	NA	R	ND(0.94)
3-Methylcholanthrene	0.056	ND(1.6)	NA	R	ND(1.0)
3-Nitroaniline	5.5	ND(4.0)	NA	R	ND(4.7)
4,6-Dinitro-2-methylphenol	55	ND(0.78)	NA	ND(0.46)	ND(0.94)
4-Aminobiphenyl	1,400	ND(1.6)	NA	R	ND(1.0)
4-Bromophenyl-phenylether	160	ND(0.78)	NA	R	ND(0.94)
4-Chloro-3-Methylphenol	2,700	ND(0.78)	NA	ND(0.46)	ND(0.94)
4-Chloroaniline	220	ND(0.78)	NA	R	ND(0.94)
4-Chlorobenzilate	1.6	ND(1.6)	NA	R	ND(1.0)
4-Chlorophenyl-phenylether	Not Listed	ND(0.78)	NA	R	ND(0.94)
4-Methylphenol	270	NA	NA	NA	NA
4-Nitroaniline	5.5	ND(4.0)	NA	R	ND(2.7)
4-Nitrophenol	3,400	ND(4.0)	NA	ND(2.3)	ND(4.7)
4-Nitroquinoline-1-oxide	110	ND(1.6) J	NA	R	ND(1.0) J
4-Phenylenediamine	10,000	ND(1.6)	NA	R	ND(1.0)
5-Nitro-o-toluidine	13	ND(1.6)	NA	R	ND(1.0)
7,12-Dimethylbenz(a)anthracene	0.056	ND(1.6)	NA	R	ND(1.0)
a,a'-Dimethylphenethylamine	55	ND(1.6) J	NA	R	ND(1.0) J
Acenaphthene	2,600	ND(0.78)	NA	R	ND(0.94)
Acenaphthylene	55	ND(0.78)	NA	R	ND(0.94)
Acetophenone	0.49	ND(0.78)	NA	R	ND(0.94)
Aniline	78	ND(0.78) J	NA	R	ND(0.94) J
Anthracene	14,000	ND(0.78)	NA	R	ND(0.94)
Aramite	18	ND(1.6)	NA	R	ND(1.0)
Azobenzene	4	NA	NA	NA	NA
Benzidine	0.0019	ND(1.6) J	NA	R	ND(1.9) J

**TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-17 I9-10-8-SB-17 9-11 03/07/05	PDI I9-10-8-SB-18 I9-10-8-SB-18 0-1 05/14/08	PDI I9-10-8-SB-18 I9-10-8-SB-18 3-5 03/07/05	PDI I9-10-8-SB-18 I9-10-8-SB-18 7-9 03/07/05
Semivolatile Organics (continued)						
Benzo(a)anthracene		0.56	ND(0.78)	NA	R	ND(0.94)
Benzo(a)pyrene		0.056	ND(0.78)	NA	R	ND(0.94)
Benzo(b)fluoranthene		0.56	ND(0.78)	NA	R	ND(0.94)
Benzo(g,h,i)perylene		55	ND(0.78)	NA	R	ND(0.94)
Benzo(k)fluoranthene		5.6	ND(0.78)	NA	R	ND(0.94)
Benzyl Alcohol		16,000	ND(1.6)	NA	ND(0.92)	ND(1.9)
bis(2-Chloroethoxy)methane		Not Listed	ND(0.78)	NA	R	ND(0.94)
bis(2-Chloroethyl)ether		0.18	ND(0.78)	NA	R	ND(0.94)
bis(2-Chloroisopropyl)ether		2.5	ND(0.78)	NA	R	ND(0.94)
bis(2-Ethylhexyl)phthalate		32	ND(0.77)	NA	R	ND(0.52)
Butylbenzylphthalate		930	ND(0.78)	NA	R	ND(0.94)
Chrysene		56	ND(0.78)	NA	R	ND(0.94)
Diallate		7.3	ND(1.6)	NA	R	ND(1.0)
Dibenzo(a,h)anthracene		0.056	ND(0.78)	NA	R	ND(0.94)
Dibenzofuran		210	ND(0.78)	NA	R	ND(0.94)
Diethylphthalate		44,000	ND(0.78)	NA	R	ND(0.94)
Dimethylphthalate		100,000	ND(0.78)	NA	R	ND(0.94)
Di-n-Butylphthalate		5,500	ND(0.78)	NA	R	ND(0.94)
Di-n-Octylphthalate		1,100	ND(0.78)	NA	R	ND(0.94)
Diphenylamine		1,400	ND(0.78)	NA	R	ND(0.94)
Ethyl Methanesulfonate		Not Listed	ND(0.78)	NA	R	ND(0.94)
Fluoranthene		2,000	ND(0.78)	NA	R	ND(0.94)
Fluorene		1,800	ND(0.78)	NA	R	ND(0.94)
Hexachlorobenzene		0.28	ND(0.78)	NA	R	ND(0.94)
Hexachlorobutadiene		5.7	ND(0.78)	NA	R	ND(0.94)
Hexachlorocyclopentadiene		380	ND(0.78)	NA	R	ND(0.94)
Hexachloroethane		32	ND(0.78)	NA	R	ND(0.94)
Hexachlorophene		16	ND(1.6) J	NA	R	ND(1.9) J
Hexachloropropene		Not Listed	ND(0.78)	NA	R	ND(0.94)
Indeno(1,2,3-cd)pyrene		0.56	ND(0.78)	NA	R	ND(0.94)
Isodrin		Not Listed	ND(0.78)	NA	R	ND(0.94)
Isophorone		470	ND(0.78)	NA	R	ND(0.94)
Isosafrole		Not Listed	ND(1.6)	NA	R	ND(1.0)
Methapyrilene		55	ND(1.6) J	NA	R	ND(1.0) J
Methyl Methanesulfonate		Not Listed	ND(0.78)	NA	R	ND(0.94)
Naphthalene		55	ND(0.78)	NA	R	ND(0.94)
Nitrobenzene		16	ND(0.78)	NA	R	ND(0.94)
N-Nitrosodiethylamine		0.003	ND(0.78)	NA	R	ND(0.94)
N-Nitrosodimethylamine		0.0087	ND(0.78)	NA	R	ND(0.94)
N-Nitroso-di-n-butylamine		0.022	ND(1.6)	NA	R	ND(1.0)
N-Nitroso-di-n-propylamine		0.063	ND(0.78)	NA	R	ND(0.94)
N-Nitrosodiphenylamine		91	ND(0.78)	NA	R	ND(0.94)
N-Nitrosomethylethylamine		0.02	ND(1.6)	NA	R	ND(1.0)
N-Nitrosomorpholine		0.21	ND(0.78)	NA	R	ND(0.94)
N-Nitrosopiperidine		0.21	ND(0.78)	NA	R	ND(0.94)
N-Nitrosopyrrolidine		0.21	ND(1.6)	NA	R	ND(1.0)
o,o,o-Triethylphosphorothioate		11	ND(0.78)	NA	R	ND(0.94)
o-Toluidine		1.9	ND(0.78)	NA	R	ND(0.94)
p-Dimethylaminoazobenzene		0.99	ND(1.6)	NA	R	ND(1.0)
Pentachlorobenzene		44	ND(0.78)	NA	R	ND(0.94)
Pentachloroethane		2.8	ND(0.78)	NA	R	ND(0.94)
Pentachloronitrobenzene		1.7	ND(1.6)	NA	R	ND(1.0)
Pentachlorophenol		2.5	ND(4.0)	NA	ND(2.3)	ND(4.7)
Phenacetin		640	ND(1.6)	NA	R	ND(1.0)
Phenanthrene		55	ND(0.78)	NA	R	ND(0.94)
Phenol		33,000	ND(0.78)	NA	ND(0.46)	ND(0.94)
Pronamide		4,100	ND(0.78)	NA	R	ND(0.94)
Pyrene		1,500	ND(0.78)	NA	R	ND(0.94)

**TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type:	Location ID:	PDI	PDI	PDI	PDI
Sample ID:	EPA Region 9	I9-10-8-SB-17	I9-10-8-SB-18	I9-10-8-SB-18	I9-10-8-SB-18
Sample Depth(Feet):	Residential	I9-10-8-SB-17	I9-10-8-SB-18	I9-10-8-SB-18	I9-10-8-SB-18
Date Collected:	PRGs	9-11	0-1	3-5	7-9
Parameter		03/07/05	05/14/08	03/07/05	03/07/05
Semivolatile Organics (continued)					
Pyridine	55	ND(0.78)	NA	R	ND(0.94)
Safrole	Not Listed	ND(0.78) J	NA	R	ND(0.94) J
Thionazin	330	ND(0.78)	NA	R	ND(0.94)
Herbicides					
Dinoseb	55	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Applicable	ND(0.0000050)	NA	0.0000053 Y	ND(0.0000060) Y
TCDFs (total)	Not Applicable	ND(0.0000050)	NA	0.000031	ND(0.0000060)
1,2,3,7,8-PeCDF	Not Applicable	ND(0.0000039)	NA	ND(0.0000026)	ND(0.0000035)
2,3,4,7,8-PeCDF	Not Applicable	ND(0.0000039)	NA	0.0000035 J	ND(0.0000025)
PeCDFs (total)	Not Applicable	ND(0.0000061)	NA	0.000015	ND(0.0000045)
1,2,3,4,7,8-HxCDF	Not Applicable	ND(0.0000021)	NA	ND(0.0000031)	ND(0.0000053)
1,2,3,6,7,8-HxCDF	Not Applicable	ND(0.0000018)	NA	ND(0.0000023)	ND(0.0000027)
1,2,3,7,8,9-HxCDF	Not Applicable	ND(0.0000021)	NA	ND(0.0000033)	ND(0.0000014)
2,3,4,6,7,8-HxCDF	Not Applicable	ND(0.0000021)	NA	ND(0.0000025)	ND(0.0000019)
HxCDFs (total)	Not Applicable	ND(0.0000021)	NA	0.0000070	ND(0.0000053)
1,2,3,4,6,7,8-HpCDF	Not Applicable	ND(0.0000024)	NA	0.0000095	ND(0.0000067)
1,2,3,4,7,8,9-HpCDF	Not Applicable	ND(0.0000026)	NA	ND(0.0000074)	ND(0.0000019)
HpCDFs (total)	Not Applicable	ND(0.0000026)	NA	0.0000095	ND(0.0000067)
OCDF	Not Applicable	ND(0.0000056)	NA	ND(0.0000051)	ND(0.0000033)
Dioxins					
2,3,7,8-TCDD	Not Applicable	ND(0.0000024)	NA	ND(0.0000028)	ND(0.0000022)
TCDDs (total)	Not Applicable	ND(0.0000039)	NA	0.0000025	ND(0.0000035)
1,2,3,7,8-PeCDD	Not Applicable	ND(0.0000069)	NA	ND(0.0000050)	ND(0.0000049)
PeCDDs (total)	Not Applicable	ND(0.0000069)	NA	ND(0.0000015)	ND(0.0000075)
1,2,3,4,7,8-HxCDD	Not Applicable	ND(0.0000039)	NA	ND(0.0000032)	ND(0.0000022)
1,2,3,6,7,8-HxCDD	Not Applicable	ND(0.0000037)	NA	ND(0.0000080)	ND(0.0000020)
1,2,3,7,8,9-HxCDD	Not Applicable	ND(0.0000037)	NA	ND(0.0000012)	ND(0.0000020)
HxCDDs (total)	Not Applicable	ND(0.0000039)	NA	0.0000050	ND(0.0000056)
1,2,3,4,6,7,8-HpCDD	Not Applicable	ND(0.0000037)	NA	0.0000046 J	ND(0.0000048)
HpCDDs (total)	Not Applicable	ND(0.0000037)	NA	0.0000092	ND(0.0000048)
OCDD	Not Applicable	ND(0.0000059)	NA	0.000014	ND(0.0000022)
Total TEQs (WHO TEFs)	Not Applicable	0.0000070	NA	0.0000034	0.0000055
Inorganics					
Antimony	30	ND(6.00)	NA	ND(6.00)	ND(6.00)
Arsenic	0.38	1.50 B	NA	9.00	8.80
Barium	5,200	23.0	NA	88.0	59.0
Beryllium	150	0.0750 B	NA	0.300 B	0.380 B
Cadmium	37	ND(0.500)	NA	0.290 B	0.310 B
Chromium	210	2.10	NA	8.30	14.0
Cobalt	3,300	0.400 B	NA	6.30	12.0
Copper	2,800	5.40	NA	140	120
Lead	400	1.30 B	1060	210	74.0
Mercury	22	ND(0.230)	NA	0.880	0.430
Nickel	1,500	2.10 B	NA	13.0	21.0
Selenium	370	ND(1.70) J	NA	1.40 J	1.20 J
Silver	370	ND(1.70)	NA	ND(1.00)	ND(1.20)
Thallium	6	ND(2.30)	NA	ND(1.40)	ND(1.60)
Tin	45,000	ND(17.0)	NA	ND(10.0)	ND(12.0)
Vanadium	520	0.700 B	NA	13.0	14.0
Zinc	22,000	13.0 J	NA	200	250
Cyanide	11	ND(0.460)	NA	0.380	0.190
Sulfide	350	1000	NA	28.0	170

**TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-19 I9-10-8-SB-19 0-1 03/07/05	PDI I9-10-8-SB-19 I9-10-8-SB-19 1-3 03/07/05	PDI I9-10-8-SB-19 I9-10-8-SB-19 3-5 10/25/05	PDI I9-10-8-SB-19-N I9-10-8-SB-19-N 0-1 10/25/05
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0066)	ND(0.0058)	NA	NA
1,1,1-Trichloroethane		680	ND(0.0066)	ND(0.0058)	NA	NA
1,1,2,2-Tetrachloroethane		0.36	ND(0.0066)	ND(0.0058)	NA	NA
1,1,2-Trichloroethane		0.82	ND(0.0066)	ND(0.0058)	NA	NA
1,1-Dichloroethane		570	ND(0.0066)	ND(0.0058)	NA	NA
1,1-Dichloroethene		0.052	ND(0.0066)	ND(0.0058)	NA	NA
1,2,3-Trichloropropane		0.0014	ND(0.0066)	ND(0.0058)	NA	NA
1,2-Dibromo-3-chloropropane		0.32	ND(0.0066)	ND(0.0058)	NA	NA
1,2-Dibromoethane		0.0049	ND(0.0066)	ND(0.0058)	NA	NA
1,2-Dichloroethane		0.34	ND(0.0066)	ND(0.0058)	NA	NA
1,2-Dichloropropane		0.34	ND(0.0066)	ND(0.0058)	NA	NA
1,4-Dioxane		40	ND(0.13)	ND(0.12)	NA	NA
2-Butanone		6,900	ND(0.013)	ND(0.012)	NA	NA
2-Chloro-1,3-butadiene		3.6	ND(0.0066)	ND(0.0058)	NA	NA
2-Chloroethylvinylether		0.18	ND(0.0066)	ND(0.0058)	NA	NA
2-Hexanone		750	ND(0.013)	ND(0.012)	NA	NA
3-Chloropropene		2,700	ND(0.0066)	ND(0.0058)	NA	NA
4-Methyl-2-pentanone		750	ND(0.013)	ND(0.012)	NA	NA
Acetone		1,400	ND(0.026)	ND(0.023)	NA	NA
Acetonitrile		200	ND(0.13)	ND(0.12)	NA	NA
Acrolein		0.1	ND(0.13) J	ND(0.12) J	NA	NA
Acrylonitrile		0.19	ND(0.0066)	ND(0.0058)	NA	NA
Benzene		0.62	ND(0.0066)	ND(0.0058)	NA	NA
Bromodichloromethane		0.98	ND(0.0066)	ND(0.0058)	NA	NA
Bromoform		56	ND(0.0066)	ND(0.0058)	NA	NA
Bromomethane		3.8	ND(0.0066)	ND(0.0058)	NA	NA
Carbon Disulfide		350	ND(0.0066)	ND(0.0058)	NA	NA
Carbon Tetrachloride		0.23	ND(0.0066)	ND(0.0058)	NA	NA
Chlorobenzene		54	ND(0.0066)	ND(0.0058)	NA	NA
Chloroethane		1,600	ND(0.0066) J	ND(0.0058) J	NA	NA
Chloroform		0.24	ND(0.0066)	ND(0.0058)	NA	NA
Chloromethane		1.2	ND(0.0066)	ND(0.0058)	NA	NA
cis-1,3-Dichloropropene		Not Listed	ND(0.0066)	ND(0.0058)	NA	NA
Dibromochloromethane		5.3	ND(0.0066)	ND(0.0058)	NA	NA
Dibromomethane		550	ND(0.0066)	ND(0.0058)	NA	NA
Dichlorodifluoromethane		94	ND(0.0066)	ND(0.0058)	NA	NA
Ethyl Methacrylate		140	ND(0.0066)	ND(0.0058)	NA	NA
Ethylbenzene		230	ND(0.0066)	ND(0.0058)	NA	NA
Iodomethane		1.2	ND(0.0066)	ND(0.0058)	NA	NA
Isobutanol		10,000	ND(0.13) J	ND(0.12) J	NA	NA
Methacrylonitrile		1.8	ND(0.0066)	ND(0.0058)	NA	NA
Methyl Methacrylate		2,200	ND(0.0066)	ND(0.0058)	NA	NA
Methylene Chloride		8.5	ND(0.0066)	ND(0.0058)	NA	NA
Propionitrile		200	ND(0.013)	ND(0.012)	NA	NA
Styrene		1,700	ND(0.0066)	ND(0.0058)	NA	NA
Tetrachloroethene		4.7	ND(0.0066)	ND(0.0058)	NA	NA
Toluene		520	ND(0.0066)	ND(0.0058)	NA	NA
trans-1,2-Dichloroethene		62	ND(0.0066)	ND(0.0058)	NA	NA
trans-1,3-Dichloropropene		Not Listed	ND(0.0066)	ND(0.0058)	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0066)	ND(0.0058)	NA	NA
Trichloroethene		2.7	ND(0.0066)	ND(0.0058)	NA	NA
Trichlorofluoromethane		380	ND(0.0066)	ND(0.0058)	NA	NA
Vinyl Acetate		420	ND(0.0066)	ND(0.0058)	NA	NA
Vinyl Chloride		0.021	ND(0.0066)	ND(0.0058)	NA	NA
Xylenes (total)		210	0.0063 J	0.0054 J	NA	NA

**TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-19 I9-10-8-SB-19 0-1 03/07/05	PDI I9-10-8-SB-19 I9-10-8-SB-19 1-3 03/07/05	PDI I9-10-8-SB-19 I9-10-8-SB-19 3-5 10/25/05	PDI I9-10-8-SB-19-N I9-10-8-SB-19-N 0-1 10/25/05
Semivolatle Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.44)	ND(0.39)	NA	NA
1,2,4-Trichlorobenzene		480	ND(0.44)	ND(0.39)	NA	NA
1,2-Dichlorobenzene		370	ND(0.44)	ND(0.39)	NA	NA
1,2-Diphenylhydrazine		0.56	ND(0.44)	ND(0.39)	NA	NA
1,3,5-Trinitrobenzene		1,600	ND(0.44)	ND(0.39)	NA	NA
1,3-Dichlorobenzene		41	ND(0.44)	ND(0.39)	NA	NA
1,3-Dinitrobenzene		5.5	ND(0.88)	ND(0.78)	NA	NA
1,4-Dichlorobenzene		3	ND(0.44)	ND(0.39)	NA	NA
1,4-Naphthoquinone		55	ND(0.88)	ND(0.78)	NA	NA
1-Naphthylamine		Not Listed	ND(0.88)	ND(0.78)	NA	NA
2,3,4,6-Tetrachlorophenol		1,600	ND(0.44)	ND(0.39)	NA	NA
2,4,5-Trichlorophenol		5,500	ND(0.44)	ND(0.39)	NA	NA
2,4,6-Trichlorophenol		40	ND(0.44)	ND(0.39)	NA	NA
2,4-Dichlorophenol		160	ND(0.44)	ND(0.39)	NA	NA
2,4-Dimethylphenol		1,100	ND(0.44)	ND(0.39)	NA	NA
2,4-Dinitrophenol		110	ND(2.2) J	ND(2.0)	NA	NA
2,4-Dinitrotoluene		110	ND(0.44)	ND(0.39)	NA	NA
2,6-Dichlorophenol		160	ND(0.44)	ND(0.39)	NA	NA
2,6-Dinitrotoluene		55	ND(0.44)	ND(0.39)	NA	NA
2-Acetylaminofluorene		0.56	ND(0.88)	ND(0.78)	NA	NA
2-Chloronaphthalene		3,700	ND(0.44)	ND(0.39)	NA	NA
2-Chlorophenol		59	ND(0.44)	ND(0.39)	NA	NA
2-Methylnaphthalene		55	ND(0.44)	ND(0.39)	NA	NA
2-Methylphenol		2,700	ND(0.44)	ND(0.39)	NA	NA
2-Naphthylamine		Not Listed	ND(0.88)	ND(0.78)	NA	NA
2-Nitroaniline		3.3	ND(2.2)	ND(2.0)	NA	NA
2-Nitrophenol		Not Listed	ND(0.88)	ND(0.78)	NA	NA
2-Picoline		55	ND(0.44)	ND(0.39)	NA	NA
3&4-Methylphenol		270	ND(0.88)	ND(0.78)	NA	NA
3,3'-Dichlorobenzidine		0.99	ND(0.88)	ND(0.78)	NA	NA
3,3'-Dimethylbenzidine		0.048	ND(0.44)	ND(0.39)	NA	NA
3-Methylcholanthrene		0.056	ND(0.88)	ND(0.78)	NA	NA
3-Nitroaniline		5.5	ND(2.2)	ND(2.0)	NA	NA
4,6-Dinitro-2-methylphenol		55	ND(0.44)	ND(0.39)	NA	NA
4-Aminobiphenyl		1,400	ND(0.88)	ND(0.78)	NA	NA
4-Bromophenyl-phenylether		160	ND(0.44)	ND(0.39)	NA	NA
4-Chloro-3-Methylphenol		2,700	ND(0.44)	ND(0.39)	NA	NA
4-Chloroaniline		220	ND(0.44)	ND(0.39)	NA	NA
4-Chlorobenzilate		1.6	ND(0.88)	ND(0.78)	NA	NA
4-Chlorophenyl-phenylether		Not Listed	ND(0.44)	ND(0.39)	NA	NA
4-Methylphenol		270	NA	NA	NA	NA
4-Nitroaniline		5.5	ND(2.2)	ND(2.0)	NA	NA
4-Nitrophenol		3,400	ND(2.2)	ND(2.0)	NA	NA
4-Nitroquinoline-1-oxide		110	ND(0.88) J	ND(0.78) J	NA	NA
4-Phenylenediamine		10,000	ND(0.88)	ND(0.78)	NA	NA
5-Nitro-o-toluidine		13	ND(0.88)	ND(0.78)	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.88)	ND(0.78)	NA	NA
a,a'-Dimethylphenethylamine		55	ND(0.88)	ND(0.78) J	NA	NA
Acenaphthene		2,600	ND(0.44)	ND(0.39)	NA	NA
Acenaphthylene		55	ND(0.44)	0.077 J	NA	NA
Acetophenone		0.49	ND(0.44)	ND(0.39)	NA	NA
Aniline		78	ND(0.44) J	ND(0.39) J	NA	NA
Anthracene		14,000	0.056 J	0.080 J	NA	NA
Aramite		18	ND(0.88)	ND(0.78)	NA	NA
Azobenzene		4	NA	NA	NA	NA
Benzidine		0.0019	ND(0.88) J	ND(0.78) J	NA	NA

**TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-19 I9-10-8-SB-19 0-1 03/07/05	PDI I9-10-8-SB-19 I9-10-8-SB-19 1-3 03/07/05	PDI I9-10-8-SB-19 I9-10-8-SB-19 3-5 10/25/05	PDI I9-10-8-SB-19-N I9-10-8-SB-19-N 0-1 10/25/05
Semivolatle Organics (continued)						
Benzo(a)anthracene		0.56	0.26 J	0.37 J	NA	NA
Benzo(a)pyrene		0.056	0.28 J	0.43	NA	NA
Benzo(b)fluoranthene		0.56	0.25 J	0.32 J	NA	NA
Benzo(g,h,i)perylene		55	0.15 J	0.26 J	NA	NA
Benzo(k)fluoranthene		5.6	0.24 J	0.43	NA	NA
Benzyl Alcohol		16,000	ND(0.88)	ND(0.78)	NA	NA
bis(2-Chloroethoxy)methane		Not Listed	ND(0.44)	ND(0.39)	NA	NA
bis(2-Chloroethyl)ether		0.18	ND(0.44)	ND(0.39)	NA	NA
bis(2-Chloroisopropyl)ether		2.5	ND(0.44)	ND(0.39)	NA	NA
bis(2-Ethylhexyl)phthalate		32	ND(0.43)	ND(0.38)	NA	NA
Butylbenzylphthalate		930	ND(0.44)	ND(0.39)	NA	NA
Chrysene		56	0.30 J	0.46	NA	NA
Diallylate		7.3	ND(0.88)	ND(0.78)	NA	NA
Dibenzo(a,h)anthracene		0.056	ND(0.44)	0.049 J	NA	NA
Dibenzofuran		210	ND(0.44)	ND(0.39)	NA	NA
Diethylphthalate		44,000	ND(0.44)	ND(0.39)	NA	NA
Dimethylphthalate		100,000	ND(0.44)	ND(0.39)	NA	NA
Di-n-Butylphthalate		5,500	ND(0.44)	ND(0.39)	NA	NA
Di-n-Octylphthalate		1,100	ND(0.44)	ND(0.39)	NA	NA
Diphenylamine		1,400	ND(0.44)	ND(0.39)	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(0.44)	ND(0.39)	NA	NA
Fluoranthene		2,000	0.55	0.68	NA	NA
Fluorene		1,800	ND(0.44)	ND(0.39)	NA	NA
Hexachlorobenzene		0.28	ND(0.44)	ND(0.39)	NA	NA
Hexachlorobutadiene		5.7	ND(0.44)	ND(0.39)	NA	NA
Hexachlorocyclopentadiene		380	ND(0.44) J	ND(0.39)	NA	NA
Hexachloroethane		32	ND(0.44)	ND(0.39)	NA	NA
Hexachlorophene		16	ND(0.88) J	ND(0.78) J	NA	NA
Hexachloropropene		Not Listed	ND(0.44)	ND(0.39)	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	0.13 J	0.21 J	NA	NA
Isodrin		Not Listed	ND(0.44)	ND(0.39)	NA	NA
Isophorone		470	ND(0.44)	ND(0.39)	NA	NA
Isosafrole		Not Listed	ND(0.88) J	ND(0.78)	NA	NA
Methapyrilene		55	ND(0.88) J	ND(0.78) J	NA	NA
Methyl Methanesulfonate		Not Listed	ND(0.44)	ND(0.39)	NA	NA
Naphthalene		55	ND(0.44)	ND(0.39)	NA	NA
Nitrobenzene		16	ND(0.44)	ND(0.39)	NA	NA
N-Nitrosodiethylamine		0.003	ND(0.44)	ND(0.39)	NA	NA
N-Nitrosodimethylamine		0.0087	ND(0.44)	ND(0.39)	NA	NA
N-Nitroso-di-n-butylamine		0.022	ND(0.88)	ND(0.78)	NA	NA
N-Nitroso-di-n-propylamine		0.063	ND(0.44)	ND(0.39)	NA	NA
N-Nitrosodiphenylamine		91	ND(0.44)	ND(0.39)	NA	NA
N-Nitrosomethylethylamine		0.02	ND(0.88)	ND(0.78)	NA	NA
N-Nitrosomorpholine		0.21	ND(0.44)	ND(0.39)	NA	NA
N-Nitrosopiperidine		0.21	ND(0.44)	ND(0.39)	NA	NA
N-Nitrosopyrrolidine		0.21	ND(0.88)	ND(0.78)	NA	NA
o,o,o-Triethylphosphorothioate		11	ND(0.44)	ND(0.39)	NA	NA
o-Toluidine		1.9	ND(0.44)	ND(0.39)	NA	NA
p-Dimethylaminoazobenzene		0.99	ND(0.88)	ND(0.78)	NA	NA
Pentachlorobenzene		44	ND(0.44)	ND(0.39)	NA	NA
Pentachloroethane		2.8	ND(0.44)	ND(0.39)	NA	NA
Pentachloronitrobenzene		1.7	ND(0.88)	ND(0.78)	NA	NA
Pentachlorophenol		2.5	ND(2.2)	ND(2.0)	NA	NA
Phenacetin		640	ND(0.88)	ND(0.78)	NA	NA
Phenanthrene		55	0.22 J	0.29 J	NA	NA
Phenol		33,000	ND(0.44)	ND(0.39)	NA	NA
Pronamide		4,100	ND(0.44)	ND(0.39)	NA	NA
Pyrene		1,500	0.49	0.71	NA	NA

**TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-19 I9-10-8-SB-19 0-1 03/07/05	PDI I9-10-8-SB-19 I9-10-8-SB-19 1-3 03/07/05	PDI I9-10-8-SB-19 I9-10-8-SB-19 3-5 10/25/05	PDI I9-10-8-SB-19-N I9-10-8-SB-19-N 0-1 10/25/05
Semivolatle Organics (continued)					
Pyridine	55	ND(0.44)	ND(0.39)	NA	NA
Safrole	Not Listed	ND(0.44) J	ND(0.39) J	NA	NA
Thionazin	330	ND(0.44)	ND(0.39)	NA	NA
Herbicides					
Dinoseb	55	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Applicable	0.000026 Y	0.000022 YI	NA	NA
TCDFs (total)	Not Applicable	0.00022	0.00020	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	0.0000085	0.0000073	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	0.000011	0.0000080	NA	NA
PeCDFs (total)	Not Applicable	0.00011	0.000091	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	0.0000089	0.0000071	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	0.0000058 J	0.0000049 J	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	ND(0.00000033)	ND(0.00000024)	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	0.0000047 J	0.0000036 J	NA	NA
HxCDFs (total)	Not Applicable	0.000070	0.000059	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.000023	0.000017	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	ND(0.0000018)	ND(0.0000015)	NA	NA
HpCDFs (total)	Not Applicable	0.000041	0.000027	NA	NA
OCDF	Not Applicable	0.000030	0.000019	NA	NA
Dioxins					
2,3,7,8-TCDD	Not Applicable	ND(0.00000034)	ND(0.00000015)	NA	NA
TCDDs (total)	Not Applicable	0.0000035	0.0000023	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	ND(0.00000073)	ND(0.00000046)	NA	NA
PeCDDs (total)	Not Applicable	ND(0.0000026)	ND(0.0000018)	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	ND(0.00000058)	ND(0.00000045)	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	ND(0.0000020)	ND(0.0000013)	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	ND(0.0000020)	ND(0.0000011)	NA	NA
HxCDDs (total)	Not Applicable	0.000010	0.0000044	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.000027	0.000014	NA	NA
HpCDDs (total)	Not Applicable	0.000051	0.000026	NA	NA
OCDD	Not Applicable	0.00032	0.00011	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	0.000012	0.0000089	NA	NA
Inorganics					
Antimony	30	ND(6.00)	ND(6.00)	NA	NA
Arsenic	0.38	16.0	12.0	NA	NA
Barium	5,200	120	80.0	NA	NA
Beryllium	150	0.380 B	0.290 B	NA	NA
Cadmium	37	0.620	0.320 B	NA	NA
Chromium	210	18.0	12.0	NA	NA
Cobalt	3,300	9.20	8.40	NA	NA
Copper	2,800	110	130	NA	NA
Lead	400	340	280	NA	NA
Mercury	22	34000	560	29.0	14.0
Nickel	1,500	19.0	16.0	NA	NA
Selenium	370	2.10 J	1.40 J	NA	NA
Silver	370	0.150 B	ND(1.00)	NA	NA
Thallium	6	ND(1.30)	ND(1.20)	NA	NA
Tin	45,000	89.0	51.0	NA	NA
Vanadium	520	17.0	12.0	NA	NA
Zinc	22,000	230	140	NA	NA
Cyanide	11	0.170	0.260	NA	NA
Sulfide	350	32.0	18.0	NA	NA

**TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-19-N I9-10-8-SB-19-N 1-3 10/25/05	PDI I9-10-8-SB-19-SE I9-10-8-SB-19-SE 0-1 10/25/05	PDI I9-10-8-SB-19-SE I9-10-8-SB-19-SE 1-3 10/25/05	PDI I9-10-8-SB-19-SW I9-10-8-SB-19-SW 0-1 10/25/05
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	NA	NA	NA	NA
1,1,1-Trichloroethane		680	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane		0.36	NA	NA	NA	NA
1,1,2-Trichloroethane		0.82	NA	NA	NA	NA
1,1-Dichloroethane		570	NA	NA	NA	NA
1,1-Dichloroethene		0.052	NA	NA	NA	NA
1,2,3-Trichloropropane		0.0014	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA	NA	NA
1,2-Dibromoethane		0.0049	NA	NA	NA	NA
1,2-Dichloroethane		0.34	NA	NA	NA	NA
1,2-Dichloropropane		0.34	NA	NA	NA	NA
1,4-Dioxane		40	NA	NA	NA	NA
2-Butanone		6,900	NA	NA	NA	NA
2-Chloro-1,3-butadiene		3.6	NA	NA	NA	NA
2-Chloroethylvinylether		0.18	NA	NA	NA	NA
2-Hexanone		750	NA	NA	NA	NA
3-Chloropropene		2,700	NA	NA	NA	NA
4-Methyl-2-pentanone		750	NA	NA	NA	NA
Acetone		1,400	NA	NA	NA	NA
Acetonitrile		200	NA	NA	NA	NA
Acrolein		0.1	NA	NA	NA	NA
Acrylonitrile		0.19	NA	NA	NA	NA
Benzene		0.62	NA	NA	NA	NA
Bromodichloromethane		0.98	NA	NA	NA	NA
Bromoform		56	NA	NA	NA	NA
Bromomethane		3.8	NA	NA	NA	NA
Carbon Disulfide		350	NA	NA	NA	NA
Carbon Tetrachloride		0.23	NA	NA	NA	NA
Chlorobenzene		54	NA	NA	NA	NA
Chloroethane		1,600	NA	NA	NA	NA
Chloroform		0.24	NA	NA	NA	NA
Chloromethane		1.2	NA	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA
Dibromochloromethane		5.3	NA	NA	NA	NA
Dibromomethane		550	NA	NA	NA	NA
Dichlorodifluoromethane		94	NA	NA	NA	NA
Ethyl Methacrylate		140	NA	NA	NA	NA
Ethylbenzene		230	NA	NA	NA	NA
Iodomethane		1.2	NA	NA	NA	NA
Isobutanol		10,000	NA	NA	NA	NA
Methacrylonitrile		1.8	NA	NA	NA	NA
Methyl Methacrylate		2,200	NA	NA	NA	NA
Methylene Chloride		8.5	NA	NA	NA	NA
Propionitrile		200	NA	NA	NA	NA
Styrene		1,700	NA	NA	NA	NA
Tetrachloroethene		4.7	NA	NA	NA	NA
Toluene		520	NA	NA	NA	NA
trans-1,2-Dichloroethene		62	NA	NA	NA	NA
trans-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	NA	NA
Trichloroethene		2.7	NA	NA	NA	NA
Trichlorofluoromethane		380	NA	NA	NA	NA
Vinyl Acetate		420	NA	NA	NA	NA
Vinyl Chloride		0.021	NA	NA	NA	NA
Xylenes (total)		210	NA	NA	NA	NA

**TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-19-N I9-10-8-SB-19-N 1-3 10/25/05	PDI I9-10-8-SB-19-SE I9-10-8-SB-19-SE 0-1 10/25/05	PDI I9-10-8-SB-19-SE I9-10-8-SB-19-SE 1-3 10/25/05	PDI I9-10-8-SB-19-SW I9-10-8-SB-19-SW 0-1 10/25/05
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	NA	NA	NA	NA
1,2,4-Trichlorobenzene		480	NA	NA	NA	NA
1,2-Dichlorobenzene		370	NA	NA	NA	NA
1,2-Diphenylhydrazine		0.56	NA	NA	NA	NA
1,3,5-Trinitrobenzene		1,600	NA	NA	NA	NA
1,3-Dichlorobenzene		41	NA	NA	NA	NA
1,3-Dinitrobenzene		5.5	NA	NA	NA	NA
1,4-Dichlorobenzene		3	NA	NA	NA	NA
1,4-Naphthoquinone		55	NA	NA	NA	NA
1-Naphthylamine		Not Listed	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol		1,600	NA	NA	NA	NA
2,4,5-Trichlorophenol		5,500	NA	NA	NA	NA
2,4,6-Trichlorophenol		40	NA	NA	NA	NA
2,4-Dichlorophenol		160	NA	NA	NA	NA
2,4-Dimethylphenol		1,100	NA	NA	NA	NA
2,4-Dinitrophenol		110	NA	NA	NA	NA
2,4-Dinitrotoluene		110	NA	NA	NA	NA
2,6-Dichlorophenol		160	NA	NA	NA	NA
2,6-Dinitrotoluene		55	NA	NA	NA	NA
2-Acetylaminofluorene		0.56	NA	NA	NA	NA
2-Chloronaphthalene		3,700	NA	NA	NA	NA
2-Chlorophenol		59	NA	NA	NA	NA
2-Methylnaphthalene		55	NA	NA	NA	NA
2-Methylphenol		2,700	NA	NA	NA	NA
2-Naphthylamine		Not Listed	NA	NA	NA	NA
2-Nitroaniline		3.3	NA	NA	NA	NA
2-Nitrophenol		Not Listed	NA	NA	NA	NA
2-Picoline		55	NA	NA	NA	NA
3&4-Methylphenol		270	NA	NA	NA	NA
3,3'-Dichlorobenzidine		0.99	NA	NA	NA	NA
3,3'-Dimethylbenzidine		0.048	NA	NA	NA	NA
3-Methylcholanthrene		0.056	NA	NA	NA	NA
3-Nitroaniline		5.5	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol		55	NA	NA	NA	NA
4-Aminobiphenyl		1,400	NA	NA	NA	NA
4-Bromophenyl-phenylether		160	NA	NA	NA	NA
4-Chloro-3-Methylphenol		2,700	NA	NA	NA	NA
4-Chloroaniline		220	NA	NA	NA	NA
4-Chlorobenzilate		1.6	NA	NA	NA	NA
4-Chlorophenyl-phenylether		Not Listed	NA	NA	NA	NA
4-Methylphenol		270	NA	NA	NA	NA
4-Nitroaniline		5.5	NA	NA	NA	NA
4-Nitrophenol		3,400	NA	NA	NA	NA
4-Nitroquinoline-1-oxide		110	NA	NA	NA	NA
4-Phenylenediamine		10,000	NA	NA	NA	NA
5-Nitro-o-toluidine		13	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	NA	NA	NA	NA
a,a'-Dimethylphenethylamine		55	NA	NA	NA	NA
Acenaphthene		2,600	NA	NA	NA	NA
Acenaphthylene		55	NA	NA	NA	NA
Acetophenone		0.49	NA	NA	NA	NA
Aniline		78	NA	NA	NA	NA
Anthracene		14,000	NA	NA	NA	NA
Aramite		18	NA	NA	NA	NA
Azobenzene		4	NA	NA	NA	NA
Benzidine		0.0019	NA	NA	NA	NA

**TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-19-N I9-10-8-SB-19-N 1-3 10/25/05	PDI I9-10-8-SB-19-SE I9-10-8-SB-19-SE 0-1 10/25/05	PDI I9-10-8-SB-19-SE I9-10-8-SB-19-SE 1-3 10/25/05	PDI I9-10-8-SB-19-SW I9-10-8-SB-19-SW 0-1 10/25/05
Semivolatile Organics (continued)						
Benzo(a)anthracene		0.56	NA	NA	NA	NA
Benzo(a)pyrene		0.056	NA	NA	NA	NA
Benzo(b)fluoranthene		0.56	NA	NA	NA	NA
Benzo(g,h,i)perylene		55	NA	NA	NA	NA
Benzo(k)fluoranthene		5.6	NA	NA	NA	NA
Benzyl Alcohol		16,000	NA	NA	NA	NA
bis(2-Chloroethoxy)methane		Not Listed	NA	NA	NA	NA
bis(2-Chloroethyl)ether		0.18	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether		2.5	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate		32	NA	NA	NA	NA
Butylbenzylphthalate		930	NA	NA	NA	NA
Chrysene		56	NA	NA	NA	NA
Diallate		7.3	NA	NA	NA	NA
Dibenzo(a,h)anthracene		0.056	NA	NA	NA	NA
Dibenzofuran		210	NA	NA	NA	NA
Diethylphthalate		44,000	NA	NA	NA	NA
Dimethylphthalate		100,000	NA	NA	NA	NA
Di-n-Butylphthalate		5,500	NA	NA	NA	NA
Di-n-Octylphthalate		1,100	NA	NA	NA	NA
Diphenylamine		1,400	NA	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	NA	NA	NA	NA
Fluoranthene		2,000	NA	NA	NA	NA
Fluorene		1,800	NA	NA	NA	NA
Hexachlorobenzene		0.28	NA	NA	NA	NA
Hexachlorobutadiene		5.7	NA	NA	NA	NA
Hexachlorocyclopentadiene		380	NA	NA	NA	NA
Hexachloroethane		32	NA	NA	NA	NA
Hexachlorophene		16	NA	NA	NA	NA
Hexachloropropene		Not Listed	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	NA	NA	NA	NA
Isodrin		Not Listed	NA	NA	NA	NA
Isophorone		470	NA	NA	NA	NA
Isosafrole		Not Listed	NA	NA	NA	NA
Methapyrilene		55	NA	NA	NA	NA
Methyl Methanesulfonate		Not Listed	NA	NA	NA	NA
Naphthalene		55	NA	NA	NA	NA
Nitrobenzene		16	NA	NA	NA	NA
N-Nitrosodiethylamine		0.003	NA	NA	NA	NA
N-Nitrosodimethylamine		0.0087	NA	NA	NA	NA
N-Nitroso-di-n-butylamine		0.022	NA	NA	NA	NA
N-Nitroso-di-n-propylamine		0.063	NA	NA	NA	NA
N-Nitrosodiphenylamine		91	NA	NA	NA	NA
N-Nitrosomethylethylamine		0.02	NA	NA	NA	NA
N-Nitrosomorpholine		0.21	NA	NA	NA	NA
N-Nitrosopiperidine		0.21	NA	NA	NA	NA
N-Nitrosopyrrolidine		0.21	NA	NA	NA	NA
o,o,o-Triethylphosphorothioate		11	NA	NA	NA	NA
o-Toluidine		1.9	NA	NA	NA	NA
p-Dimethylaminoazobenzene		0.99	NA	NA	NA	NA
Pentachlorobenzene		44	NA	NA	NA	NA
Pentachloroethane		2.8	NA	NA	NA	NA
Pentachloronitrobenzene		1.7	NA	NA	NA	NA
Pentachlorophenol		2.5	NA	NA	NA	NA
Phenacetin		640	NA	NA	NA	NA
Phenanthrene		55	NA	NA	NA	NA
Phenol		33,000	NA	NA	NA	NA
Pronamide		4,100	NA	NA	NA	NA
Pyrene		1,500	NA	NA	NA	NA

TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-19-N I9-10-8-SB-19-N 1-3 10/25/05	PDI I9-10-8-SB-19-SE I9-10-8-SB-19-SE 0-1 10/25/05	PDI I9-10-8-SB-19-SE I9-10-8-SB-19-SE 1-3 10/25/05	PDI I9-10-8-SB-19-SW I9-10-8-SB-19-SW 0-1 10/25/05
Semivolatile Organics (continued)					
Pyridine	55	NA	NA	NA	NA
Safrole	Not Listed	NA	NA	NA	NA
Thionazin	330	NA	NA	NA	NA
Herbicides					
Dinoseb	55	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Applicable	NA	NA	NA	NA
TCDFs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	NA	NA	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	NA	NA	NA	NA
PeCDFs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA
HxCDFs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	NA	NA	NA
HpCDFs (total)	Not Applicable	NA	NA	NA	NA
OCDF	Not Applicable	NA	NA	NA	NA
Dioxins					
2,3,7,8-TCDD	Not Applicable	NA	NA	NA	NA
TCDDs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	NA	NA	NA	NA
PeCDDs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	NA	NA	NA	NA
HxCDDs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	NA	NA	NA
HpCDDs (total)	Not Applicable	NA	NA	NA	NA
OCDD	Not Applicable	NA	NA	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	NA	NA	NA	NA
Inorganics					
Antimony	30	NA	NA	NA	NA
Arsenic	0.38	NA	NA	NA	NA
Barium	5,200	NA	NA	NA	NA
Beryllium	150	NA	NA	NA	NA
Cadmium	37	NA	NA	NA	NA
Chromium	210	NA	NA	NA	NA
Cobalt	3,300	NA	NA	NA	NA
Copper	2,800	NA	NA	NA	NA
Lead	400	NA	NA	NA	NA
Mercury	22	0.310	1.10	2.40	3.20
Nickel	1,500	NA	NA	NA	NA
Selenium	370	NA	NA	NA	NA
Silver	370	NA	NA	NA	NA
Thallium	6	NA	NA	NA	NA
Tin	45,000	NA	NA	NA	NA
Vanadium	520	NA	NA	NA	NA
Zinc	22,000	NA	NA	NA	NA
Cyanide	11	NA	NA	NA	NA
Sulfide	350	NA	NA	NA	NA

**TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-19-SW I9-10-8-SB-19-SW 1-3 10/25/05	PDI SLB-1BB-WW SLB-1BB-WW 1-3 05/14/08
Volatile Organics				
1,1,1,2-Tetrachloroethane		2.8	NA	NA
1,1,1-Trichloroethane		680	NA	NA
1,1,2,2-Tetrachloroethane		0.36	NA	NA
1,1,2-Trichloroethane		0.82	NA	NA
1,1-Dichloroethane		570	NA	NA
1,1-Dichloroethene		0.052	NA	NA
1,2,3-Trichloropropane		0.0014	NA	NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA
1,2-Dibromoethane		0.0049	NA	NA
1,2-Dichloroethane		0.34	NA	NA
1,2-Dichloropropane		0.34	NA	NA
1,4-Dioxane		40	NA	NA
2-Butanone		6,900	NA	NA
2-Chloro-1,3-butadiene		3.6	NA	NA
2-Chloroethylvinylether		0.18	NA	NA
2-Hexanone		750	NA	NA
3-Chloropropene		2,700	NA	NA
4-Methyl-2-pentanone		750	NA	NA
Acetone		1,400	NA	NA
Acetonitrile		200	NA	NA
Acrolein		0.1	NA	NA
Acrylonitrile		0.19	NA	NA
Benzene		0.62	NA	NA
Bromodichloromethane		0.98	NA	NA
Bromoform		56	NA	NA
Bromomethane		3.8	NA	NA
Carbon Disulfide		350	NA	NA
Carbon Tetrachloride		0.23	NA	NA
Chlorobenzene		54	NA	NA
Chloroethane		1,600	NA	NA
Chloroform		0.24	NA	NA
Chloromethane		1.2	NA	NA
cis-1,3-Dichloropropene		Not Listed	NA	NA
Dibromochloromethane		5.3	NA	NA
Dibromomethane		550	NA	NA
Dichlorodifluoromethane		94	NA	NA
Ethyl Methacrylate		140	NA	NA
Ethylbenzene		230	NA	NA
Iodomethane		1.2	NA	NA
Isobutanol		10,000	NA	NA
Methacrylonitrile		1.8	NA	NA
Methyl Methacrylate		2,200	NA	NA
Methylene Chloride		8.5	NA	NA
Propionitrile		200	NA	NA
Styrene		1,700	NA	NA
Tetrachloroethene		4.7	NA	NA
Toluene		520	NA	NA
trans-1,2-Dichloroethene		62	NA	NA
trans-1,3-Dichloropropene		Not Listed	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA
Trichloroethene		2.7	NA	NA
Trichlorofluoromethane		380	NA	NA
Vinyl Acetate		420	NA	NA
Vinyl Chloride		0.021	NA	NA
Xylenes (total)		210	NA	NA

**TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-19-SW I9-10-8-SB-19-SW 1-3 10/25/05	PDI SLB-1BB-WW SLB-1BB-WW 1-3 05/14/08
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene		16	NA	NA
1,2,4-Trichlorobenzene		480	NA	NA
1,2-Dichlorobenzene		370	NA	NA
1,2-Diphenylhydrazine		0.56	NA	NA
1,3,5-Trinitrobenzene		1,600	NA	NA
1,3-Dichlorobenzene		41	NA	NA
1,3-Dinitrobenzene		5.5	NA	NA
1,4-Dichlorobenzene		3	NA	NA
1,4-Naphthoquinone		55	NA	NA
1-Naphthylamine		Not Listed	NA	NA
2,3,4,6-Tetrachlorophenol		1,600	NA	NA
2,4,5-Trichlorophenol		5,500	NA	NA
2,4,6-Trichlorophenol		40	NA	NA
2,4-Dichlorophenol		160	NA	NA
2,4-Dimethylphenol		1,100	NA	NA
2,4-Dinitrophenol		110	NA	NA
2,4-Dinitrotoluene		110	NA	NA
2,6-Dichlorophenol		160	NA	NA
2,6-Dinitrotoluene		55	NA	NA
2-Acetylaminofluorene		0.56	NA	NA
2-Chloronaphthalene		3,700	NA	NA
2-Chlorophenol		59	NA	NA
2-Methylnaphthalene		55	NA	NA
2-Methylphenol		2,700	NA	NA
2-Naphthylamine		Not Listed	NA	NA
2-Nitroaniline		3.3	NA	NA
2-Nitrophenol		Not Listed	NA	NA
2-Picoline		55	NA	NA
3&4-Methylphenol		270	NA	NA
3,3'-Dichlorobenzidine		0.99	NA	NA
3,3'-Dimethylbenzidine		0.048	NA	NA
3-Methylcholanthrene		0.056	NA	NA
3-Nitroaniline		5.5	NA	NA
4,6-Dinitro-2-methylphenol		55	NA	NA
4-Aminobiphenyl		1,400	NA	NA
4-Bromophenyl-phenylether		160	NA	NA
4-Chloro-3-Methylphenol		2,700	NA	NA
4-Chloroaniline		220	NA	NA
4-Chlorobenzilate		1.6	NA	NA
4-Chlorophenyl-phenylether		Not Listed	NA	NA
4-Methylphenol		270	NA	NA
4-Nitroaniline		5.5	NA	NA
4-Nitrophenol		3,400	NA	NA
4-Nitroquinoline-1-oxide		110	NA	NA
4-Phenylenediamine		10,000	NA	NA
5-Nitro-o-toluidine		13	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	NA	NA
a,a'-Dimethylphenethylamine		55	NA	NA
Acenaphthene		2,600	NA	NA
Acenaphthylene		55	NA	NA
Acetophenone		0.49	NA	NA
Aniline		78	NA	NA
Anthracene		14,000	NA	NA
Aramite		18	NA	NA
Azobenzene		4	NA	NA
Benzidine		0.0019	NA	NA

**TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-19-SW I9-10-8-SB-19-SW 1-3 10/25/05	PDI SLB-1BB-WW SLB-1BB-WW 1-3 05/14/08
Semivolatile Organics (continued)			
Benzo(a)anthracene	0.56	NA	NA
Benzo(a)pyrene	0.056	NA	NA
Benzo(b)fluoranthene	0.56	NA	NA
Benzo(g,h,i)perylene	55	NA	NA
Benzo(k)fluoranthene	5.6	NA	NA
Benzyl Alcohol	16,000	NA	NA
bis(2-Chloroethoxy)methane	Not Listed	NA	NA
bis(2-Chloroethyl)ether	0.18	NA	NA
bis(2-Chloroisopropyl)ether	2.5	NA	NA
bis(2-Ethylhexyl)phthalate	32	NA	NA
Butylbenzylphthalate	930	NA	NA
Chrysene	56	NA	NA
Diallylate	7.3	NA	NA
Dibenzo(a,h)anthracene	0.056	NA	NA
Dibenzofuran	210	NA	NA
Diethylphthalate	44,000	NA	NA
Dimethylphthalate	100,000	NA	NA
Di-n-Butylphthalate	5,500	NA	NA
Di-n-Octylphthalate	1,100	NA	NA
Diphenylamine	1,400	NA	NA
Ethyl Methanesulfonate	Not Listed	NA	NA
Fluoranthene	2,000	NA	NA
Fluorene	1,800	NA	NA
Hexachlorobenzene	0.28	NA	NA
Hexachlorobutadiene	5.7	NA	NA
Hexachlorocyclopentadiene	380	NA	NA
Hexachloroethane	32	NA	NA
Hexachlorophene	16	NA	NA
Hexachloropropene	Not Listed	NA	NA
Indeno(1,2,3-cd)pyrene	0.56	NA	NA
Isodrin	Not Listed	NA	NA
Isophorone	470	NA	NA
Isosafrole	Not Listed	NA	NA
Methapyrilene	55	NA	NA
Methyl Methanesulfonate	Not Listed	NA	NA
Naphthalene	55	NA	NA
Nitrobenzene	16	NA	NA
N-Nitrosodiethylamine	0.003	NA	NA
N-Nitrosodimethylamine	0.0087	NA	NA
N-Nitroso-di-n-butylamine	0.022	NA	NA
N-Nitroso-di-n-propylamine	0.063	NA	NA
N-Nitrosodiphenylamine	91	NA	NA
N-Nitrosomethylethylamine	0.02	NA	NA
N-Nitrosomorpholine	0.21	NA	NA
N-Nitrosopiperidine	0.21	NA	NA
N-Nitrosopyrrolidine	0.21	NA	NA
o,o,o-Triethylphosphorothioate	11	NA	NA
o-Toluidine	1.9	NA	NA
p-Dimethylaminoazobenzene	0.99	NA	NA
Pentachlorobenzene	44	NA	NA
Pentachloroethane	2.8	NA	NA
Pentachloronitrobenzene	1.7	NA	NA
Pentachlorophenol	2.5	NA	NA
Phenacetin	640	NA	NA
Phenanthrene	55	NA	NA
Phenol	33,000	NA	NA
Pronamide	4,100	NA	NA
Pyrene	1,500	NA	NA

TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-10-8-SB-19-SW I9-10-8-SB-19-SW 1-3 10/25/05	PDI SLB-1BB-WW SLB-1BB-WW 1-3 05/14/08
Semivolatile Organics (continued)			
Pyridine	55	NA	NA
Safrole	Not Listed	NA	NA
Thionazin	330	NA	NA
Herbicides			
Dinoseb	55	NA	NA
Furans			
2,3,7,8-TCDF	Not Applicable	NA	NA
TCDFs (total)	Not Applicable	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	NA	NA
PeCDFs (total)	Not Applicable	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	NA	NA
HxCDFs (total)	Not Applicable	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	NA
HpCDFs (total)	Not Applicable	NA	NA
OCDF	Not Applicable	NA	NA
Dioxins			
2,3,7,8-TCDD	Not Applicable	NA	NA
TCDDs (total)	Not Applicable	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	NA	NA
PeCDDs (total)	Not Applicable	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	NA	NA
HxCDDs (total)	Not Applicable	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	NA
HpCDDs (total)	Not Applicable	NA	NA
OCDD	Not Applicable	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	NA	NA
Inorganics			
Antimony	30	NA	NA
Arsenic	0.38	NA	NA
Barium	5,200	NA	NA
Beryllium	150	NA	NA
Cadmium	37	NA	NA
Chromium	210	NA	NA
Cobalt	3,300	NA	NA
Copper	2,800	NA	NA
Lead	400	NA	373 J
Mercury	22	ND(0.120)	NA
Nickel	1,500	NA	NA
Selenium	370	NA	NA
Silver	370	NA	NA
Thallium	6	NA	NA
Tin	45,000	NA	NA
Vanadium	520	NA	NA
Zinc	22,000	NA	NA
Cyanide	11	NA	NA
Sulfide	350	NA	NA

**TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-8 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Data Types: PDI = GE Pre-Design Investigation soil sampling; Historical = GE Historical soil sampling.
3. PDI Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS (approved March 15, 2007 and re-submitted March 30, 2007).
4. NA - Not Analyzed.
5. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
6. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998. Field duplicate sample results are presented in brackets.
- 7.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- J - Estimated Value.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- R - Data was rejected due to a deficiency in the data generation process.
- 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 - Estimated Value.

TABLE E-112
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
PARCEL I9-10-8 (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Analytical Parameter	Maximum Detect	EPA Region 9 Residential PRGs	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
2-Butanone	0.3	6,900	No
Acetone	0.54	1,400	No
Carbon Disulfide	0.0062	350	No
Toluene	0.0044	520	No
Xylenes (total)	0.013	210	No
Semivolatile Organics			
1,2,4-Trichlorobenzene	0.072	480	No
2,4-Dimethylphenol	0.32	1,100	No
2-Methylnaphthalene	0.32	55*	No
2-Methylphenol	0.07	2,700	No
4-Methylphenol	0.38	270	No
Acenaphthene	0.46	2,600	No
Acenaphthylene	0.21	55*	No
Acetophenone	0.046	0.49	No
Anthracene	0.49	14,000	No
Benzo(a)anthracene	1.2	0.56	Yes
Benzo(a)pyrene	1.2	0.056	Yes
Benzo(b)fluoranthene	1.2	0.56	Yes
Benzo(g,h,i)perylene	0.86	55*	No
Benzo(k)fluoranthene	1.2	5.6	No
bis(2-Ethylhexyl)phthalate	1.1	32	No
Chrysene	1.5	56	No
Dibenzo(a,h)anthracene	0.34	0.056	Yes
Dibenzofuran	0.2	210	No
Fluoranthene	2	2,000	No
Fluorene	0.37	1,800	No
Indeno(1,2,3-cd)pyrene	0.75	0.56	Yes
Naphthalene	0.61	55	No
Phenanthrene	2.1	55*	No
Phenol	0.28	33,000	No
Pyrene	3.1	1,500	No
Inorganics			
Antimony	1.2	30	No
Arsenic	16	0.38	Yes
Barium	260	5,200	No
Beryllium	0.43	150	No
Cadmium	0.79	37	No
Chromium	58	210	No
Cobalt	14	3,300	No
Copper	170	2,800	No
Cyanide	0.61	11*	No
Lead	1,080	400	Yes
Mercury	34,000	22	Yes
Nickel	28	1,500	No
Selenium	4.2	370	No
Silver	0.42	370	No
Sulfide	1,000	350*	Yes
Tin	89	45,000	No
Vanadium	27	520	No
Zinc	810	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-113
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-8: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-1-SB-5-N-SW 0-1 05/14/08	I9-10-8-SB-18 0-1 05/14/08	COMP I9-9-1-SB-5-N-SW 0-1 (See Note 1)	I9-10-8-SB-12 0-1 03/08/05	I9-10-8-SB-16-SS 0-1 06/01/06	I9-10-8-SB-17 0-1 03/07/05
Semivolatile Organics						
Benzo(a)anthracene	--	--	--	0.59	--	1.0
Benzo(a)pyrene	--	--	--	0.57	--	1.2
Benzo(b)fluoranthene	--	--	--	0.47	--	0.90
Dibenzo(a,h)anthracene	--	--	--	0.068	--	0.14
Indeno(1,2,3-cd)pyrene	--	--	--	0.26	--	0.58
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	--	4.20E-04	--	1.70E-05
Inorganics						
Arsenic	--	--	--	7.00	--	11.0
Lead	1,080	1,060	1,070	180	225	260
Mercury	--	--	--	0.840	--	0.950
Sulfide	--	--	--	24.0	--	21.0

Sample ID: Sample Depth(Feet): Date Collected:	I9-10-8-SB-19 0-1 03/07/05	I9-10-8-SB-19-N 0-1 10/25/05	I9-10-8-SB-19-SE 0-1 10/25/05	I9-10-8-SB-19-SW 0-1 10/25/05	COMP-I9-10-8-SB-19 0-1 (See Note 2)	Maximum Sample Result
Semivolatile Organics						
Benzo(a)anthracene	0.26	--	--	--	--	N/A (See Note 7)
Benzo(a)pyrene	0.28	--	--	--	--	N/A (See Note 7)
Benzo(b)fluoranthene	0.25	--	--	--	--	N/A (See Note 7)
Dibenzo(a,h)anthracene	0.22	--	--	--	--	N/A (See Note 7)
Indeno(1,2,3-cd)pyrene	0.13	--	--	--	--	N/A (See Note 7)
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.20E-05	--	--	--	--	4.20E-04
Inorganics						
Arsenic	16.0	--	--	--	--	N/A (See Note 7)
Lead	340	--	--	--	--	N/A (See Note 7)
Mercury	34,000	14.0	1.10	3.20	8,505	N/A (See Note 7)
Sulfide	32.0	--	--	--	--	N/A (See Note 7)

See Notes on Page 2.

TABLE E-113
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-8: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatile Organics			
Benzo(a)anthracene	0.62	7	No
Benzo(a)pyrene	0.68	2	No
Benzo(b)fluoranthene	0.54	7	No
Dibenzo(a,h)anthracene	0.14	0.7	No
Indeno(1,2,3-cd)pyrene	0.32	7	No
Dioxins/Furans			
Total TEQs (WHO TEFs)	N/A (See Note 7)	1.00E-03	No
Inorganics			
Arsenic	11.3	20	No
Lead	415	300	Yes
Mercury	2,835	20	Yes
Sulfide	25.7	633*	No

Notes:

- The lead results presented for this sample location represents the average result from the following samples (depth; date collected): I9-9-1-SB-5-N-SW (0-1'; 5/14/08) and I9-10-8-SB-18 (0-1'; 5/14/08).
- The mercury results presented for this sample location represents the average result from the following samples (depth; date collected): I9-10-8-SB-19-N (0-1'; 10/25/05), I9-10-8-SB-19-SE (0-1'; 10/25/05), I9-10-8-SB-19-SW (0-1'; 10/25/05), and I9-10-8-SB-19 (0-1'; 3/07/05).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Not analyzed.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

TABLE E-114
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-8: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	SLB-1BB-W 1-3 05/14/08	SLB-1BB-WW 1-3 05/14/08	COMP-SLB-1BB-W 1-3 (See Note 1)	I9-9-1-SB-5-N-SW 1-3 05/14/08	I9-10-8-SB-19 1-3 03/07/05	I9-10-8-SB-19-N 1-3 10/25/05
Semivolatile Organics						
Benzo(a)anthracene	--	--	--	--	0.37	--
Benzo(a)pyrene	--	--	--	--	0.43	--
Benzo(b)fluoranthene	--	--	--	--	0.32	--
Dibenzo(a,h)anthracene	--	--	--	--	0.049	--
Indeno(1,2,3-cd)pyrene	--	--	--	--	0.21	--
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	--	--	8.90E-06	--
Inorganics						
Arsenic	--	--	--	--	12.0	--
Lead	1,270	373	822	379	280	--
Mercury	--	--	--	--	560	0.310
Sulfide	--	--	--	--	18.0	--

Sample ID: Sample Depth(Feet): Date Collected:	I9-10-8-SB-19-SE 1-3 10/25/05	I9-10-8-SB-19-SW 1-3 10/25/05	COMP-I9-10-8-SB-19 1-3 (See Note 2)	I9-9-1-SB-5-N-SW 3-5 05/14/08	I9-10-8-SB-4 3-5 05/14/08	I9-10-8-SB-12 3-5 03/08/05
Semivolatile Organics						
Benzo(a)anthracene	--	--	--	--	--	0.80
Benzo(a)pyrene	--	--	--	--	--	0.83
Benzo(b)fluoranthene	--	--	--	--	--	0.79
Dibenzo(a,h)anthracene	--	--	--	--	--	2.2
Indeno(1,2,3-cd)pyrene	--	--	--	--	--	2.2
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	--	--	--	3.00E-05
Inorganics						
Arsenic	--	--	--	--	--	8.50
Lead	--	--	--	153	656	790
Mercury	2.40	0.0600	141	--	--	0.260
Sulfide	--	--	--	--	--	210

See Notes on Page 3

**TABLE E-114
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-8: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-10-8-SB-16-SS 3-5 03/14/07	I9-10-8-SB-18 3-5 03/07/05	I9-10-8-SB-19 3-5 10/25/05	BH001208 5-7 02/02/04	I9-10-8-SB-17 5-7 03/07/05	I9-10-8-SB-12 7-9 03/08/05
Semivolatile Organics						
Benzo(a)anthracene	--	0.23	--	1.2	0.51	0.13
Benzo(a)pyrene	--	0.23	--	1.2	0.33	0.10
Benzo(b)fluoranthene	--	0.23	--	1.2	0.25	0.093
Dibenzo(a,h)anthracene	--	0.23	--	0.34	0.46	0.21
Indeno(1,2,3-cd)pyrene	--	0.23	--	0.75	0.46	0.21
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	3.40E-06	--	--	4.30E-06	1.40E-06
Inorganics						
Arsenic	--	9.00	--	--	16.0	4.40
Lead	240	210	--	--	550	30.0
Mercury	--	0.880	29.0	--	1.80	0.0590
Sulfide	--	28.0	--	--	44.0	130

Sample ID: Sample Depth(Feet): Date Collected:	I9-10-8-SB-18 7-9 03/07/05	I9-10-8-SB-17 9-11 03/07/05	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatile Organics						
Benzo(a)anthracene	0.47	0.39	N/A (See Note 7)	0.60	7	No
Benzo(a)pyrene	0.47	0.39	N/A (See Note 7)	0.58	2	No
Benzo(b)fluoranthene	0.47	0.39	N/A (See Note 7)	0.53	7	No
Dibenzo(a,h)anthracene	0.47	0.39	N/A (See Note 7)	0.65	0.7	No
Indeno(1,2,3-cd)pyrene	0.47	0.39	N/A (See Note 7)	0.77	7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	5.50E-07	7.00E-07	3.00E-05	N/A (See Note 7)	1.00E-03	No
Inorganics						
Arsenic	8.80	1.50	N/A (See Note 7)	8.60	20	No
Lead	74.0	1.30	N/A (See Note 7)	349	300	Yes
Mercury	0.430	0.115	N/A (See Note 7)	21.7	20	Yes
Sulfide	170	1,000	N/A (See Note 7)	229	633*	No

See Notes on Page 3

TABLE E-114
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-8: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. The lead results presented for this sample location represents the average result form the following samples (depth; date collected): SLB-1BB-W (1-3'; 5/14/08) and SLB-1BB-WW (1-3'; 5/14/08).
2. The mercury results presented for this sample location represents the average result form the following samples (depth; date collected): I9-10-8-SB-19-N (1-3'; 10/25/05), I9-10-8-SB-19-SE (1-3'; 10/25/05), I9-10-8-SB-19-SW (1-3'; 10/25/05), and I9-10-8-SB-19 (1-3'; 3/07/05).
3. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
4. With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
5. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
6. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
7. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
8. -- = Not analyzed.
9. * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

TABLE E-115
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-8: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-1-SB-5-N-SW 0-1 05/14/08	I9-10-8-SB-18 0-1 05/14/08	COMP I9-9-1-SB-5-N-SW 0-1 (See Note 1)	I9-10-8-SB-12 0-1 03/08/05	I9-10-8-SB-16-SS 0-1 06/01/06	I9-10-8-SB-17 0-1 03/07/05
Semivolatile Organics						
Benzo(a)anthracene	--	--	--	0.59	--	1.0
Benzo(a)pyrene	--	--	--	0.57	--	1.2
Benzo(b)fluoranthene	--	--	--	0.47	--	0.90
Dibenzo(a,h)anthracene	--	--	--	0.068	--	0.14
Indeno(1,2,3-cd)pyrene	--	--	--	0.26	--	0.58
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	--	4.20E-04	--	1.70E-05
Inorganics						
Arsenic	--	--	--	7.00	--	11.0
Lead	6.24	6.24	6	180	225	260
Mercury	--	--	--	0.840	--	0.950
Sulfide	--	--	--	24.0	--	21.0

Sample ID: Sample Depth(Feet): Date Collected:	I9-10-8-SB-19 0-1 03/07/05	I9-10-8-SB-19-N 0-1 10/25/05	I9-10-8-SB-19-SE 0-1 10/25/05	I9-10-8-SB-19-SW 0-1 10/25/05	COMP-I9-10-8-SB-19 0-1 (See Note 2)	Maximum Sample Result
Semivolatile Organics						
Benzo(a)anthracene	0.26	--	--	--	--	N/A (See Note 7)
Benzo(a)pyrene	0.28	--	--	--	--	N/A (See Note 7)
Benzo(b)fluoranthene	0.25	--	--	--	--	N/A (See Note 7)
Dibenzo(a,h)anthracene	0.22	--	--	--	--	N/A (See Note 7)
Indeno(1,2,3-cd)pyrene	0.13	--	--	--	--	N/A (See Note 7)
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.20E-05	--	--	--	--	4.20E-04
Inorganics						
Arsenic	16.0	--	--	--	--	N/A (See Note 7)
Lead	340	--	--	--	--	N/A (See Note 7)
Mercury	0.0729	14.0	1.10	3.20	5	N/A (See Note 7)
Sulfide	32.0	--	--	--	--	N/A (See Note 7)

See Notes on Page 2.

TABLE E-115
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-8: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatile Organics			
Benzo(a)anthracene	0.62	7	No
Benzo(a)pyrene	0.68	2	No
Benzo(b)fluoranthene	0.54	7	No
Dibenzo(a,h)anthracene	0.14	0.7	No
Indeno(1,2,3-cd)pyrene	0.32	7	No
Dioxins/Furans			
Total TEQs (WHO TEFs)	N/A (See Note 7)	1.00E-03	No
Inorganics			
Arsenic	11.3	20	No
Lead	202	300	No
Mercury	2	20	No
Sulfide	25.7	633*	No

Notes:

- The lead results presented for this sample location represents the average result from the following samples (depth; date collected): I9-9-1-SB-5-N-SW (0-1'; 5/14/08) and I9-10-8-SB-18 (0-1'; 5/14/08).
- The mercury results presented for this sample location represents the average result from the following samples (depth; date collected): I9-10-8-SB-19-N (0-1'; 10/25/05), I9-10-8-SB-19-SE (0-1'; 10/25/05), I9-10-8-SB-19-SW (0-1'; 10/25/05), and I9-10-8-SB-19 (0-1'; 3/07/05).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Not analyzed.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

TABLE E-116
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-8: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	SLB-1BB-W 1-3 05/14/08	SLB-1BB-WW 1-3 05/14/08	COMP-SLB-1BB-W 1-3 (See Note 1)	I9-9-1-SB-5-N-SW 1-3 05/14/08	I9-10-8-SB-19 1-3 03/07/05	I9-10-8-SB-19-N 1-3 10/25/05
Semivolatile Organics						
Benzo(a)anthracene	--	--	--	--	0.37	--
Benzo(a)pyrene	--	--	--	--	0.43	--
Benzo(b)fluoranthene	--	--	--	--	0.32	--
Dibenzo(a,h)anthracene	--	--	--	--	0.049	--
Indeno(1,2,3-cd)pyrene	--	--	--	--	0.21	--
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	--	--	8.90E-06	--
Inorganics						
Arsenic	--	--	--	--	12.0	--
Lead	6.24	373	190	379	280	--
Mercury	--	--	--	--	0.0729	0.310
Sulfide	--	--	--	--	18.0	--

Sample ID: Sample Depth(Feet): Date Collected:	I9-10-8-SB-19-SE 1-3 10/25/05	I9-10-8-SB-19-SW 1-3 10/25/05	COMP-I9-10-8-SB-19 1-3 (See Note 2)	I9-9-1-SB-5-N-SW 3-5 05/14/08	I9-10-8-SB-4 3-5 05/14/08	I9-10-8-SB-12 3-5 03/08/05
Semivolatile Organics						
Benzo(a)anthracene	--	--	--	--	--	0.80
Benzo(a)pyrene	--	--	--	--	--	0.83
Benzo(b)fluoranthene	--	--	--	--	--	0.79
Dibenzo(a,h)anthracene	--	--	--	--	--	2.2
Indeno(1,2,3-cd)pyrene	--	--	--	--	--	2.2
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	--	--	--	3.00E-05
Inorganics						
Arsenic	--	--	--	--	--	8.50
Lead	--	--	--	153	656	790
Mercury	2.40	0.0600	1	--	--	0.260
Sulfide	--	--	--	--	--	210

See Notes on Page 3

TABLE E-116
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-8: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-10-8-SB-16-SS 3-5 03/14/07	I9-10-8-SB-18 3-5 03/07/05	I9-10-8-SB-19 3-5 10/25/05	BH001208 5-7 02/02/04	I9-10-8-SB-17 5-7 03/07/05	I9-10-8-SB-12 7-9 03/08/05
Semivolatile Organics						
Benzo(a)anthracene	--	0.23	--	1.2	0.51	0.13
Benzo(a)pyrene	--	0.23	--	1.2	0.33	0.10
Benzo(b)fluoranthene	--	0.23	--	1.2	0.25	0.093
Dibenzo(a,h)anthracene	--	0.23	--	0.34	0.46	0.21
Indeno(1,2,3-cd)pyrene	--	0.23	--	0.75	0.46	0.21
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	3.40E-06	--	--	4.30E-06	1.40E-06
Inorganics						
Arsenic	--	9.00	--	--	16.0	4.40
Lead	240	210	--	--	550	30.0
Mercury	--	0.880	29.0	--	1.80	0.0590
Sulfide	--	28.0	--	--	44.0	130

Sample ID: Sample Depth(Feet): Date Collected:	I9-10-8-SB-18 7-9 03/07/05	I9-10-8-SB-17 9-11 03/07/05	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatile Organics						
Benzo(a)anthracene	0.47	0.39	N/A (See Note 7)	0.60	7	No
Benzo(a)pyrene	0.47	0.39	N/A (See Note 7)	0.58	2	No
Benzo(b)fluoranthene	0.47	0.39	N/A (See Note 7)	0.53	7	No
Dibenzo(a,h)anthracene	0.47	0.39	N/A (See Note 7)	0.65	0.7	No
Indeno(1,2,3-cd)pyrene	0.47	0.39	N/A (See Note 7)	0.77	7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	5.50E-07	7.00E-07	3.00E-05	N/A (See Note 7)	1.00E-03	No
Inorganics						
Arsenic	8.80	1.50	N/A (See Note 7)	8.60	20	No
Lead	74.0	1.30	N/A (See Note 7)	296	300	No
Mercury	0.430	0.115	N/A (See Note 7)	4.2	20	No
Sulfide	170	1,000	N/A (See Note 7)	229	633*	No

See Notes on Page 3

TABLE E-116
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-8: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. The lead results presented for this sample location represents the average result from the following samples (depth; date collected): SLB-1BB-W (1-3'; 5/14/08) and SLB-1BB-WW (1-3'; 5/14/08).
2. The mercury results presented for this sample location represents the average result from the following samples (depth; date collected): I9-10-8-SB-19-N (1-3'; 10/25/05), I9-10-8-SB-19-SE (1-3'; 10/25/05), I9-10-8-SB-19-SW (1-3'; 10/25/05), and I9-10-8-SB-19 (1-3'; 3/07/05).
3. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
4. With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
5. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
6. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
7. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
8. -- = Not analyzed.
9. * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
10. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

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Parcel I9-10-11 (non-bank)

**TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-11 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-10-8-SB-16 0-1 03/09/05	I9-10-8-SB-16 1-3 03/09/05	I9-10-8-SB-16 3-5 03/14/07	I9-10-8-SB-16 9-11 03/09/05
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
1,1,1-Trichloroethane		680	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
1,1,2-Trichloroethane		0.82	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
1,1-Dichloroethane		570	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
1,1-Dichloroethene		0.052	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
1,2,3-Trichloropropane		0.0014	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
1,2-Dibromoethane		0.0049	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
1,2-Dichloroethane		0.34	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
1,2-Dichloropropane		0.34	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
1,4-Dioxane		40	ND(0.13)	ND(0.15)	NA	ND(0.28)
2-Butanone		6,900	ND(0.013)	ND(0.015)	NA	ND(0.028)
2-Chloro-1,3-butadiene		3.6	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
2-Chloroethylvinylether		0.18	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
2-Hexanone		750	ND(0.013)	ND(0.015)	NA	ND(0.028)
3-Chloropropene		2,700	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
4-Methyl-2-pentanone		750	ND(0.013)	ND(0.015)	NA	ND(0.028)
Acetone		1,400	ND(0.026)	ND(0.031)	NA	0.19
Acetonitrile		200	ND(0.13)	ND(0.15)	NA	ND(0.28)
Acrolein		0.1	ND(0.13)	ND(0.15)	NA	ND(0.28)
Acrylonitrile		0.19	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Benzene		0.62	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Bromodichloromethane		0.98	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Bromoform		56	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Bromomethane		3.8	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Carbon Disulfide		350	ND(0.0066)	ND(0.0077)	NA	0.0091 J
Carbon Tetrachloride		0.23	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Chlorobenzene		54	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Chloroethane		1,600	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Chloroform		0.24	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Chloromethane		1.2	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
cis-1,3-Dichloropropene		Not Listed	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Dibromochloromethane		5.3	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Dibromomethane		550	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Dichlorodifluoromethane		94	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Ethyl Methacrylate		140	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Ethylbenzene		230	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Iodomethane		1.2	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Isobutanol		10,000	0.14	ND(0.15)	NA	ND(0.28)
Methacrylonitrile		1.8	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Methyl Methacrylate		2,200	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Methylene Chloride		8.5	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Propionitrile		200	ND(0.013)	ND(0.015)	NA	ND(0.028)
Styrene		1,700	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Tetrachloroethene		4.7	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Toluene		520	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
trans-1,2-Dichloroethene		62	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
trans-1,3-Dichloropropene		Not Listed	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Trichloroethene		2.7	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Trichlorofluoromethane		380	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Vinyl Acetate		420	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Vinyl Chloride		0.021	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Xylenes (total)		210	ND(0.0066)	ND(0.0077)	NA	ND(0.014)

**TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-11 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-10-8-SB-16 0-1 03/09/05	I9-10-8-SB-16 1-3 03/09/05	I9-10-8-SB-16 3-5 03/14/07	I9-10-8-SB-16 9-11 03/09/05
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.44)	ND(0.51)	NA	ND(0.92)
1,2,4-Trichlorobenzene		480	ND(0.44)	ND(0.51)	NA	ND(0.92)
1,2-Dichlorobenzene		370	ND(0.44)	ND(0.51)	NA	ND(0.92)
1,2-Diphenylhydrazine		0.56	ND(0.44)	ND(0.51)	NA	ND(0.92)
1,3,5-Trinitrobenzene		1,600	ND(0.44)	ND(0.51)	NA	ND(0.92)
1,3-Dichlorobenzene		41	ND(0.44)	ND(0.51)	NA	ND(0.92)
1,3-Dinitrobenzene		5.5	ND(0.88)	ND(1.0)	NA	ND(1.8)
1,4-Dichlorobenzene		3	ND(0.44)	ND(0.51)	NA	ND(0.92)
1,4-Naphthoquinone		55	ND(0.88)	ND(1.0)	NA	ND(1.8)
1-Naphthylamine		Not Listed	ND(0.88)	ND(1.0)	NA	ND(1.8)
2,3,4,6-Tetrachlorophenol		1,600	ND(0.44)	ND(0.51)	NA	ND(0.92)
2,4,5-Trichlorophenol		5,500	ND(0.44)	ND(0.51)	NA	ND(0.92)
2,4,6-Trichlorophenol		40	ND(0.44)	ND(0.51)	NA	ND(0.92)
2,4-Dichlorophenol		160	ND(0.44)	ND(0.51)	NA	ND(0.92)
2,4-Dimethylphenol		1,100	ND(0.44)	ND(0.51)	NA	ND(0.92)
2,4-Dinitrophenol		110	ND(2.2)	ND(2.6)	NA	ND(4.7)
2,4-Dinitrotoluene		110	ND(0.44)	ND(0.51)	NA	ND(0.92)
2,6-Dichlorophenol		160	ND(0.44)	ND(0.51)	NA	ND(0.92)
2,6-Dinitrotoluene		55	ND(0.44)	ND(0.51)	NA	ND(0.92)
2-Acetylaminofluorene		0.56	ND(0.88)	ND(1.0)	NA	ND(1.8)
2-Chloronaphthalene		3,700	ND(0.44)	ND(0.51)	NA	ND(0.92)
2-Chlorophenol		59	ND(0.44)	ND(0.51)	NA	ND(0.92)
2-Methylnaphthalene		55	ND(0.44)	ND(0.51)	NA	ND(0.92)
2-Methylphenol		2,700	ND(0.44)	ND(0.51)	NA	ND(0.92)
2-Naphthylamine		Not Listed	ND(0.88)	ND(1.0)	NA	ND(1.8)
2-Nitroaniline		3.3	ND(2.2)	ND(2.6)	NA	ND(4.7)
2-Nitrophenol		Not Listed	ND(0.88)	ND(1.0)	NA	ND(1.8)
2-Picoline		55	ND(0.44)	ND(0.51)	NA	ND(0.92)
3&4-Methylphenol		270	ND(0.88)	ND(1.0)	NA	0.26 J
3,3'-Dichlorobenzidine		0.99	ND(0.88)	ND(1.0)	NA	ND(1.8)
3,3'-Dimethylbenzidine		0.048	ND(0.44)	ND(0.51)	NA	ND(0.92)
3-Methylcholanthrene		0.056	ND(0.88)	ND(1.0)	NA	ND(1.8)
3-Nitroaniline		5.5	ND(2.2)	ND(2.6)	NA	ND(4.7)
4,6-Dinitro-2-methylphenol		55	ND(0.44)	ND(0.51)	NA	ND(0.92)
4-Aminobiphenyl		1,400	ND(0.88)	ND(1.0)	NA	ND(1.8)
4-Bromophenyl-phenylether		160	ND(0.44)	ND(0.51)	NA	ND(0.92)
4-Chloro-3-Methylphenol		2,700	ND(0.44)	ND(0.51)	NA	ND(0.92)
4-Chloroaniline		220	ND(0.44)	ND(0.51)	NA	ND(0.92)
4-Chlorobenzilate		1.6	ND(0.88)	ND(1.0)	NA	ND(1.8)
4-Chlorophenyl-phenylether		Not Listed	ND(0.44)	ND(0.51)	NA	ND(0.92)
4-Nitroaniline		5.5	ND(2.2)	ND(2.6)	NA	ND(4.7)
4-Nitrophenol		3,400	ND(2.2)	ND(2.6)	NA	ND(4.7)
4-Nitroquinoline-1-oxide		110	ND(0.88)	ND(1.0)	NA	ND(1.8)
4-Phenylenediamine		10,000	ND(0.88)	ND(1.0)	NA	ND(1.8)
5-Nitro-o-toluidine		13	ND(0.88)	ND(1.0)	NA	ND(1.8)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.88)	ND(1.0)	NA	ND(1.8)
a,a'-Dimethylphenethylamine		55	ND(0.88)	ND(1.0)	NA	ND(1.8)
Acenaphthene		2,600	ND(0.44)	0.10 J	NA	ND(0.92)
Acenaphthylene		55	ND(0.44)	0.055 J	NA	0.14 J
Acetophenone		0.49	ND(0.44)	ND(0.51)	NA	ND(0.92)
Aniline		78	ND(0.44)	ND(0.51)	NA	ND(0.92)
Anthracene		14,000	ND(0.44)	0.048 J	NA	0.17 J
Aramite		18	ND(0.88)	ND(1.0)	NA	ND(1.8)
Benzidine		0.0019	ND(0.88)	ND(1.0)	NA	ND(1.8)
Benzo(a)anthracene		0.56	0.088 J	0.16 J	NA	0.32 J
Benzo(a)pyrene		0.056	0.090 J	0.18 J	NA	0.40 J
Benzo(b)fluoranthene		0.56	0.087 J	0.19 J	NA	0.32 J
Benzo(g,h,i)perylene		55	ND(0.44)	0.12 J	NA	0.18 J

**TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-11 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-10-8-SB-16 0-1 03/09/05	I9-10-8-SB-16 1-3 03/09/05	I9-10-8-SB-16 3-5 03/14/07	I9-10-8-SB-16 9-11 03/09/05
Benzo(k)fluoranthene		5.6	0.089 J	0.17 J	NA	0.41 J
Benzyl Alcohol		16,000	ND(0.88)	ND(1.0)	NA	ND(1.8)
Semivolatile Organics (continued)						
bis(2-Chloroethoxy)methane		Not Listed	ND(0.44)	ND(0.51)	NA	ND(0.92)
bis(2-Chloroethyl)ether		0.18	ND(0.44)	ND(0.51)	NA	ND(0.92)
bis(2-Chloroisopropyl)ether		2.5	ND(0.44)	ND(0.51)	NA	ND(0.92)
bis(2-Ethylhexyl)phthalate		32	ND(0.43)	0.46 J	NA	ND(0.92)
Butylbenzylphthalate		930	ND(0.44)	ND(0.51)	NA	ND(0.92)
Chrysene		56	0.094 J	0.17 J	NA	0.45 J
Diallate		7.3	ND(0.88)	ND(1.0)	NA	ND(1.8)
Dibenzo(a,h)anthracene		0.056	ND(0.44)	ND(0.51)	NA	ND(0.92)
Dibenzofuran		210	ND(0.44)	ND(0.51)	NA	ND(0.92)
Diethylphthalate		44,000	ND(0.44)	ND(0.51)	NA	ND(0.92)
Dimethylphthalate		100,000	ND(0.44)	ND(0.51)	NA	ND(0.92)
Di-n-Butylphthalate		5,500	ND(0.44)	ND(0.51)	NA	ND(0.92)
Di-n-Octylphthalate		1,100	ND(0.44)	ND(0.51)	NA	ND(0.92)
Diphenylamine		1,400	ND(0.44)	ND(0.51)	NA	ND(0.92)
Ethyl Methanesulfonate		Not Listed	ND(0.44)	ND(0.51)	NA	ND(0.92)
Fluoranthene		2,000	0.17 J	0.34 J	NA	0.63 J
Fluorene		1,800	ND(0.44)	ND(0.51)	NA	0.12 J
Hexachlorobenzene		0.28	ND(0.44)	ND(0.51)	NA	ND(0.92)
Hexachlorobutadiene		5.7	ND(0.44)	ND(0.51)	NA	ND(0.92)
Hexachlorocyclopentadiene		380	ND(0.44)	ND(0.51)	NA	ND(0.92)
Hexachloroethane		32	ND(0.44)	ND(0.51)	NA	ND(0.92)
Hexachlorophene		16	ND(0.88)	ND(1.0)	NA	ND(1.8)
Hexachloropropene		Not Listed	ND(0.44)	ND(0.51)	NA	ND(0.92)
Indeno(1,2,3-cd)pyrene		0.56	ND(0.44)	0.094 J	NA	0.20 J
Isodrin		Not Listed	ND(0.44)	ND(0.51)	NA	ND(0.92)
Isophorone		470	ND(0.44)	ND(0.51)	NA	ND(0.92)
Isosafrole		Not Listed	ND(0.88)	ND(1.0)	NA	ND(1.8)
Methapyrilene		55	ND(0.88)	ND(1.0)	NA	ND(1.8)
Methyl Methanesulfonate		Not Listed	ND(0.44)	ND(0.51)	NA	ND(0.92)
Naphthalene		55	ND(0.44)	ND(0.51)	NA	0.25 J
Nitrobenzene		16	ND(0.44)	ND(0.51)	NA	ND(0.92)
N-Nitrosodiethylamine		0.003	ND(0.44)	ND(0.51)	NA	ND(0.92)
N-Nitrosodimethylamine		0.0087	ND(0.44)	ND(0.51)	NA	ND(0.92)
N-Nitroso-di-n-butylamine		0.022	ND(0.88)	ND(1.0)	NA	ND(1.8)
N-Nitroso-di-n-propylamine		0.063	ND(0.44)	ND(0.51)	NA	ND(0.92)
N-Nitrosodiphenylamine		91	ND(0.44)	ND(0.51)	NA	ND(0.92)
N-Nitrosomethylethylamine		0.02	ND(0.88)	ND(1.0)	NA	ND(1.8)
N-Nitrosomorpholine		0.21	ND(0.44)	ND(0.51)	NA	ND(0.92)
N-Nitrosopiperidine		0.21	ND(0.44)	ND(0.51)	NA	ND(0.92)
N-Nitrosopyrrolidine		0.21	ND(0.88)	ND(1.0)	NA	ND(1.8)
o,o,o-Triethylphosphorothioate		11	ND(0.44)	ND(0.51)	NA	ND(0.92)
o-Toluidine		1.9	ND(0.44)	ND(0.51)	NA	ND(0.92)
p-Dimethylaminoazobenzene		0.99	ND(0.88)	ND(1.0)	NA	ND(1.8)
Pentachlorobenzene		44	ND(0.44)	ND(0.51)	NA	ND(0.92)
Pentachloroethane		2.8	ND(0.44)	ND(0.51)	NA	ND(0.92)
Pentachloronitrobenzene		1.7	ND(0.88)	ND(1.0)	NA	ND(1.8)
Pentachlorophenol		2.5	ND(2.2)	ND(2.6)	NA	ND(4.7)
Phenacetin		640	ND(0.88)	ND(1.0)	NA	ND(1.8)
Phenanthrene		55	0.079 J	0.16 J	NA	0.49 J
Phenol		33,000	ND(0.44)	ND(0.51)	NA	ND(0.92)
Pronamide		4,100	ND(0.44)	ND(0.51)	NA	ND(0.92)
Pyrene		1,500	0.17 J	0.32 J	NA	0.85 J
Pyridine		55	ND(0.44)	ND(0.51)	NA	ND(0.92)
Safrole		Not Listed	ND(0.44)	ND(0.51)	NA	ND(0.92)
Thionazin		330	ND(0.44)	ND(0.51)	NA	ND(0.92)

**TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-11 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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): Date Collected:	EPA Region 9 Residential PRGs	I9-10-8-SB-16 0-1 03/09/05	I9-10-8-SB-16 1-3 03/09/05	I9-10-8-SB-16 3-5 03/14/07	I9-10-8-SB-16 9-11 03/09/05
Furans					
2,3,7,8-TCDF	Not Applicable	0.000090 Y	0.000093 Y	NA	ND(0.000033) X
TCDFs (total)	Not Applicable	0.00074	0.0012	NA	0.000019
1,2,3,7,8-PeCDF	Not Applicable	0.000038	0.000041	NA	0.000018 J
2,3,4,7,8-PeCDF	Not Applicable	0.00011	0.00010	NA	0.000030 J
PeCDFs (total)	Not Applicable	0.00081	0.00094	NA	0.000013 J
1,2,3,4,7,8-HxCDF	Not Applicable	0.000053	0.00016	NA	0.000030 J
1,2,3,6,7,8-HxCDF	Not Applicable	0.000034	0.000076	NA	ND(0.000018) X
1,2,3,7,8,9-HxCDF	Not Applicable	ND(0.000010)	0.000031	NA	ND(0.000017)
2,3,4,6,7,8-HxCDF	Not Applicable	0.000053	0.000060	NA	ND(0.000020) X
HxCDFs (total)	Not Applicable	0.00057	0.00089	NA	0.000012 J
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.00012	0.00021	NA	0.000065 J
1,2,3,4,7,8,9-HpCDF	Not Applicable	ND(0.000089) X	0.000046	NA	ND(0.000013)
HpCDFs (total)	Not Applicable	0.00020	0.00044	NA	0.000089 J
OCDF	Not Applicable	0.000088	0.00013	NA	0.000055 J
Dioxins					
2,3,7,8-TCDD	Not Applicable	ND(0.000012) X	0.000014 J	NA	0.000013 J
TCDDs (total)	Not Applicable	0.00010	0.00037	NA	0.000013 J
1,2,3,7,8-PeCDD	Not Applicable	ND(0.000032) X	ND(0.000034) X	NA	ND(0.000013)
PeCDDs (total)	Not Applicable	0.000036	0.000056	NA	0.000015 J
1,2,3,4,7,8-HxCDD	Not Applicable	0.000031 J	0.000038 J	NA	ND(0.000016)
1,2,3,6,7,8-HxCDD	Not Applicable	0.000089	0.00010	NA	ND(0.000014)
1,2,3,7,8,9-HxCDD	Not Applicable	0.000070 J	0.000075	NA	ND(0.000015)
HxCDDs (total)	Not Applicable	0.000084	0.00013	NA	ND(0.000015)
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.00011	0.00016	NA	0.000036 J
HpCDDs (total)	Not Applicable	0.00020	0.00033	NA	0.000070 J
OCDD	Not Applicable	0.00070	0.0020	NA	0.000019 J
Total TEQs (WHO TEFs)	Not Applicable	0.000087	0.00010	NA	0.000046
Inorganics					
Aluminum	75,000	NA	NA	7980	NA
Antimony	30	5.40 B	5.00 B	ND(5.30) J	3.50 B
Arsenic	0.38	7.60	9.20	19.8	7.30
Barium	5,200	1400	910	235	80.0
Beryllium	150	0.320 B	0.270 B	1.25 B	0.390 B
Cadmium	37	4.80	1.70	ND(1.75) J	0.360 B
Calcium	Not Listed	NA	NA	3560 J	NA
Chromium	210	50.0	25.0	18.6	20.0
Cobalt	3,300	8.80	9.60	9.36	7.30
Copper	2,800	66.0	82.0	79.4	120
Cyanide	11	0.570	0.640	NA	0.680
Iron	22,000	NA	NA	15200	NA
Lead	400	1700	710	337	280
Magnesium	Not Listed	NA	NA	1580	NA
Manganese	3,100	NA	NA	683	NA
Mercury	22	0.220	0.330	0.205 J	0.580
Nickel	1,500	20.0	23.0	19.0	18.0
Potassium	Not Listed	NA	NA	1010	NA
Selenium	370	3.00	2.80	ND(2.68) J	2.90
Silver	370	0.630 B	0.780 B	ND(1.32)	0.310 B
Sodium	Not Listed	NA	NA	239	NA
Sulfide	350	51.0	25.0	NA	400
Thallium	6	ND(1.30)	ND(1.50)	ND(1.32)	ND(2.80)
Tin	45,000	22.0	16.0	NA	36.0
Vanadium	520	24.0	17.0	19.7	12.0
Zinc	22,000	1100	750	501	180

**TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-11 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-10-8-SB-16-N 0-1 10/24/05	I9-10-8-SB-16-N 1-3 10/24/05	I9-10-8-SB-16-S 0-1 10/24/05	I9-10-8-SB-16-S 1-3 10/24/05
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	NA	NA	NA	NA
1,1,1-Trichloroethane		680	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane		0.36	NA	NA	NA	NA
1,1,2-Trichloroethane		0.82	NA	NA	NA	NA
1,1-Dichloroethane		570	NA	NA	NA	NA
1,1-Dichloroethene		0.052	NA	NA	NA	NA
1,2,3-Trichloropropane		0.0014	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA	NA	NA
1,2-Dibromoethane		0.0049	NA	NA	NA	NA
1,2-Dichloroethane		0.34	NA	NA	NA	NA
1,2-Dichloropropane		0.34	NA	NA	NA	NA
1,4-Dioxane		40	NA	NA	NA	NA
2-Butanone		6,900	NA	NA	NA	NA
2-Chloro-1,3-butadiene		3.6	NA	NA	NA	NA
2-Chloroethylvinylether		0.18	NA	NA	NA	NA
2-Hexanone		750	NA	NA	NA	NA
3-Chloropropene		2,700	NA	NA	NA	NA
4-Methyl-2-pentanone		750	NA	NA	NA	NA
Acetone		1,400	NA	NA	NA	NA
Acetonitrile		200	NA	NA	NA	NA
Acrolein		0.1	NA	NA	NA	NA
Acrylonitrile		0.19	NA	NA	NA	NA
Benzene		0.62	NA	NA	NA	NA
Bromodichloromethane		0.98	NA	NA	NA	NA
Bromoform		56	NA	NA	NA	NA
Bromomethane		3.8	NA	NA	NA	NA
Carbon Disulfide		350	NA	NA	NA	NA
Carbon Tetrachloride		0.23	NA	NA	NA	NA
Chlorobenzene		54	NA	NA	NA	NA
Chloroethane		1,600	NA	NA	NA	NA
Chloroform		0.24	NA	NA	NA	NA
Chloromethane		1.2	NA	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA
Dibromochloromethane		5.3	NA	NA	NA	NA
Dibromomethane		550	NA	NA	NA	NA
Dichlorodifluoromethane		94	NA	NA	NA	NA
Ethyl Methacrylate		140	NA	NA	NA	NA
Ethylbenzene		230	NA	NA	NA	NA
Iodomethane		1.2	NA	NA	NA	NA
Isobutanol		10,000	NA	NA	NA	NA
Methacrylonitrile		1.8	NA	NA	NA	NA
Methyl Methacrylate		2,200	NA	NA	NA	NA
Methylene Chloride		8.5	NA	NA	NA	NA
Propionitrile		200	NA	NA	NA	NA
Styrene		1,700	NA	NA	NA	NA
Tetrachloroethene		4.7	NA	NA	NA	NA
Toluene		520	NA	NA	NA	NA
trans-1,2-Dichloroethene		62	NA	NA	NA	NA
trans-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	NA	NA
Trichloroethene		2.7	NA	NA	NA	NA
Trichlorofluoromethane		380	NA	NA	NA	NA
Vinyl Acetate		420	NA	NA	NA	NA
Vinyl Chloride		0.021	NA	NA	NA	NA
Xylenes (total)		210	NA	NA	NA	NA

**TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-11 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-10-8-SB-16-N 0-1 10/24/05	I9-10-8-SB-16-N 1-3 10/24/05	I9-10-8-SB-16-S 0-1 10/24/05	I9-10-8-SB-16-S 1-3 10/24/05
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	NA	NA	NA	NA
1,2,4-Trichlorobenzene		480	NA	NA	NA	NA
1,2-Dichlorobenzene		370	NA	NA	NA	NA
1,2-Diphenylhydrazine		0.56	NA	NA	NA	NA
1,3,5-Trinitrobenzene		1,600	NA	NA	NA	NA
1,3-Dichlorobenzene		41	NA	NA	NA	NA
1,3-Dinitrobenzene		5.5	NA	NA	NA	NA
1,4-Dichlorobenzene		3	NA	NA	NA	NA
1,4-Naphthoquinone		55	NA	NA	NA	NA
1-Naphthylamine		Not Listed	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol		1,600	NA	NA	NA	NA
2,4,5-Trichlorophenol		5,500	NA	NA	NA	NA
2,4,6-Trichlorophenol		40	NA	NA	NA	NA
2,4-Dichlorophenol		160	NA	NA	NA	NA
2,4-Dimethylphenol		1,100	NA	NA	NA	NA
2,4-Dinitrophenol		110	NA	NA	NA	NA
2,4-Dinitrotoluene		110	NA	NA	NA	NA
2,6-Dichlorophenol		160	NA	NA	NA	NA
2,6-Dinitrotoluene		55	NA	NA	NA	NA
2-Acetylaminofluorene		0.56	NA	NA	NA	NA
2-Chloronaphthalene		3,700	NA	NA	NA	NA
2-Chlorophenol		59	NA	NA	NA	NA
2-Methylnaphthalene		55	NA	NA	NA	NA
2-Methylphenol		2,700	NA	NA	NA	NA
2-Naphthylamine		Not Listed	NA	NA	NA	NA
2-Nitroaniline		3.3	NA	NA	NA	NA
2-Nitrophenol		Not Listed	NA	NA	NA	NA
2-Picoline		55	NA	NA	NA	NA
3&4-Methylphenol		270	NA	NA	NA	NA
3,3'-Dichlorobenzidine		0.99	NA	NA	NA	NA
3,3'-Dimethylbenzidine		0.048	NA	NA	NA	NA
3-Methylcholanthrene		0.056	NA	NA	NA	NA
3-Nitroaniline		5.5	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol		55	NA	NA	NA	NA
4-Aminobiphenyl		1,400	NA	NA	NA	NA
4-Bromophenyl-phenylether		160	NA	NA	NA	NA
4-Chloro-3-Methylphenol		2,700	NA	NA	NA	NA
4-Chloroaniline		220	NA	NA	NA	NA
4-Chlorobenzilate		1.6	NA	NA	NA	NA
4-Chlorophenyl-phenylether		Not Listed	NA	NA	NA	NA
4-Nitroaniline		5.5	NA	NA	NA	NA
4-Nitrophenol		3,400	NA	NA	NA	NA
4-Nitroquinoline-1-oxide		110	NA	NA	NA	NA
4-Phenylenediamine		10,000	NA	NA	NA	NA
5-Nitro-o-toluidine		13	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	NA	NA	NA	NA
a,a'-Dimethylphenethylamine		55	NA	NA	NA	NA
Acenaphthene		2,600	NA	NA	NA	NA
Acenaphthylene		55	NA	NA	NA	NA
Acetophenone		0.49	NA	NA	NA	NA
Aniline		78	NA	NA	NA	NA
Anthracene		14,000	NA	NA	NA	NA
Aramite		18	NA	NA	NA	NA
Benzidine		0.0019	NA	NA	NA	NA
Benzo(a)anthracene		0.56	NA	NA	NA	NA
Benzo(a)pyrene		0.056	NA	NA	NA	NA
Benzo(b)fluoranthene		0.56	NA	NA	NA	NA
Benzo(g,h,i)perylene		55	NA	NA	NA	NA

**TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-11 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-10-8-SB-16-N 0-1 10/24/05	I9-10-8-SB-16-N 1-3 10/24/05	I9-10-8-SB-16-S 0-1 10/24/05	I9-10-8-SB-16-S 1-3 10/24/05
Benzo(k)fluoranthene		5.6	NA	NA	NA	NA
Benzyl Alcohol		16,000	NA	NA	NA	NA
Semivolatile Organics (continued)						
bis(2-Chloroethoxy)methane		Not Listed	NA	NA	NA	NA
bis(2-Chloroethyl)ether		0.18	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether		2.5	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate		32	NA	NA	NA	NA
Butylbenzylphthalate		930	NA	NA	NA	NA
Chrysene		56	NA	NA	NA	NA
Diallate		7.3	NA	NA	NA	NA
Dibenzo(a,h)anthracene		0.056	NA	NA	NA	NA
Dibenzofuran		210	NA	NA	NA	NA
Diethylphthalate		44,000	NA	NA	NA	NA
Dimethylphthalate		100,000	NA	NA	NA	NA
Di-n-Butylphthalate		5,500	NA	NA	NA	NA
Di-n-Octylphthalate		1,100	NA	NA	NA	NA
Diphenylamine		1,400	NA	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	NA	NA	NA	NA
Fluoranthene		2,000	NA	NA	NA	NA
Fluorene		1,800	NA	NA	NA	NA
Hexachlorobenzene		0.28	NA	NA	NA	NA
Hexachlorobutadiene		5.7	NA	NA	NA	NA
Hexachlorocyclopentadiene		380	NA	NA	NA	NA
Hexachloroethane		32	NA	NA	NA	NA
Hexachlorophene		16	NA	NA	NA	NA
Hexachloropropene		Not Listed	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	NA	NA	NA	NA
Isodrin		Not Listed	NA	NA	NA	NA
Isophorone		470	NA	NA	NA	NA
Isosafrole		Not Listed	NA	NA	NA	NA
Methapyrilene		55	NA	NA	NA	NA
Methyl Methanesulfonate		Not Listed	NA	NA	NA	NA
Naphthalene		55	NA	NA	NA	NA
Nitrobenzene		16	NA	NA	NA	NA
N-Nitrosodiethylamine		0.003	NA	NA	NA	NA
N-Nitrosodimethylamine		0.0087	NA	NA	NA	NA
N-Nitroso-di-n-butylamine		0.022	NA	NA	NA	NA
N-Nitroso-di-n-propylamine		0.063	NA	NA	NA	NA
N-Nitrosodiphenylamine		91	NA	NA	NA	NA
N-Nitrosomethylethylamine		0.02	NA	NA	NA	NA
N-Nitrosomorpholine		0.21	NA	NA	NA	NA
N-Nitrosopiperidine		0.21	NA	NA	NA	NA
N-Nitrosopyrrolidine		0.21	NA	NA	NA	NA
o,o,o-Triethylphosphorothioate		11	NA	NA	NA	NA
o-Toluidine		1.9	NA	NA	NA	NA
p-Dimethylaminoazobenzene		0.99	NA	NA	NA	NA
Pentachlorobenzene		44	NA	NA	NA	NA
Pentachloroethane		2.8	NA	NA	NA	NA
Pentachloronitrobenzene		1.7	NA	NA	NA	NA
Pentachlorophenol		2.5	NA	NA	NA	NA
Phenacetin		640	NA	NA	NA	NA
Phenanthrene		55	NA	NA	NA	NA
Phenol		33,000	NA	NA	NA	NA
Pronamide		4,100	NA	NA	NA	NA
Pyrene		1,500	NA	NA	NA	NA
Pyridine		55	NA	NA	NA	NA
Safrole		Not Listed	NA	NA	NA	NA
Thionazin		330	NA	NA	NA	NA

**TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-11 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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): Date Collected:	EPA Region 9 Residential PRGs	I9-10-8-SB-16-N 0-1 10/24/05	I9-10-8-SB-16-N 1-3 10/24/05	I9-10-8-SB-16-S 0-1 10/24/05	I9-10-8-SB-16-S 1-3 10/24/05
Furans					
2,3,7,8-TCDF	Not Applicable	NA	NA	NA	NA
TCDFs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	NA	NA	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	NA	NA	NA	NA
PeCDFs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA
HxCDFs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	NA	NA	NA
HpCDFs (total)	Not Applicable	NA	NA	NA	NA
OCDF	Not Applicable	NA	NA	NA	NA
Dioxins					
2,3,7,8-TCDD	Not Applicable	NA	NA	NA	NA
TCDDs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	NA	NA	NA	NA
PeCDDs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	NA	NA	NA	NA
HxCDDs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	NA	NA	NA
HpCDDs (total)	Not Applicable	NA	NA	NA	NA
OCDD	Not Applicable	NA	NA	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	NA	NA	NA	NA
Inorganics					
Aluminum	75,000	NA	NA	NA	NA
Antimony	30	NA	NA	NA	NA
Arsenic	0.38	NA	NA	NA	NA
Barium	5,200	NA	NA	NA	NA
Beryllium	150	NA	NA	NA	NA
Cadmium	37	NA	NA	NA	NA
Calcium	Not Listed	NA	NA	NA	NA
Chromium	210	NA	NA	NA	NA
Cobalt	3,300	NA	NA	NA	NA
Copper	2,800	NA	NA	NA	NA
Cyanide	11	NA	NA	NA	NA
Iron	22,000	NA	NA	NA	NA
Lead	400	240	80.0	1300	1300
Magnesium	Not Listed	NA	NA	NA	NA
Manganese	3,100	NA	NA	NA	NA
Mercury	22	NA	NA	NA	NA
Nickel	1,500	NA	NA	NA	NA
Potassium	Not Listed	NA	NA	NA	NA
Selenium	370	NA	NA	NA	NA
Silver	370	NA	NA	NA	NA
Sodium	Not Listed	NA	NA	NA	NA
Sulfide	350	NA	NA	NA	NA
Thallium	6	NA	NA	NA	NA
Tin	45,000	NA	NA	NA	NA
Vanadium	520	NA	NA	NA	NA
Zinc	22,000	NA	NA	NA	NA

**TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-11 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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:	EPA Region 9 Residential PRGs	I9-10-8-SB-16-S 3-5 03/14/07	I9-10-8-SB-16-S 5-7 03/14/07	I9-10-11-SB-16-NW 0-1 03/15/07	I9-10-11-SB-16-NW 1-3 03/15/07
Volatile Organics					
1,1,1,2-Tetrachloroethane	2.8	NA	NA	NA	NA
1,1,1-Trichloroethane	680	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	0.36	NA	NA	NA	NA
1,1,2-Trichloroethane	0.82	NA	NA	NA	NA
1,1-Dichloroethane	570	NA	NA	NA	NA
1,1-Dichloroethene	0.052	NA	NA	NA	NA
1,2,3-Trichloropropane	0.0014	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	0.32	NA	NA	NA	NA
1,2-Dibromoethane	0.0049	NA	NA	NA	NA
1,2-Dichloroethane	0.34	NA	NA	NA	NA
1,2-Dichloropropane	0.34	NA	NA	NA	NA
1,4-Dioxane	40	NA	NA	NA	NA
2-Butanone	6,900	NA	NA	NA	NA
2-Chloro-1,3-butadiene	3.6	NA	NA	NA	NA
2-Chloroethylvinylether	0.18	NA	NA	NA	NA
2-Hexanone	750	NA	NA	NA	NA
3-Chloropropene	2,700	NA	NA	NA	NA
4-Methyl-2-pentanone	750	NA	NA	NA	NA
Acetone	1,400	NA	NA	NA	NA
Acetonitrile	200	NA	NA	NA	NA
Acrolein	0.1	NA	NA	NA	NA
Acrylonitrile	0.19	NA	NA	NA	NA
Benzene	0.62	NA	NA	NA	NA
Bromodichloromethane	0.98	NA	NA	NA	NA
Bromoform	56	NA	NA	NA	NA
Bromomethane	3.8	NA	NA	NA	NA
Carbon Disulfide	350	NA	NA	NA	NA
Carbon Tetrachloride	0.23	NA	NA	NA	NA
Chlorobenzene	54	NA	NA	NA	NA
Chloroethane	1,600	NA	NA	NA	NA
Chloroform	0.24	NA	NA	NA	NA
Chloromethane	1.2	NA	NA	NA	NA
cis-1,3-Dichloropropene	Not Listed	NA	NA	NA	NA
Dibromochloromethane	5.3	NA	NA	NA	NA
Dibromomethane	550	NA	NA	NA	NA
Dichlorodifluoromethane	94	NA	NA	NA	NA
Ethyl Methacrylate	140	NA	NA	NA	NA
Ethylbenzene	230	NA	NA	NA	NA
Iodomethane	1.2	NA	NA	NA	NA
Isobutanol	10,000	NA	NA	NA	NA
Methacrylonitrile	1.8	NA	NA	NA	NA
Methyl Methacrylate	2,200	NA	NA	NA	NA
Methylene Chloride	8.5	NA	NA	NA	NA
Propionitrile	200	NA	NA	NA	NA
Styrene	1,700	NA	NA	NA	NA
Tetrachloroethene	4.7	NA	NA	NA	NA
Toluene	520	NA	NA	NA	NA
trans-1,2-Dichloroethene	62	NA	NA	NA	NA
trans-1,3-Dichloropropene	Not Listed	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	Not Listed	NA	NA	NA	NA
Trichloroethene	2.7	NA	NA	NA	NA
Trichlorofluoromethane	380	NA	NA	NA	NA
Vinyl Acetate	420	NA	NA	NA	NA
Vinyl Chloride	0.021	NA	NA	NA	NA
Xylenes (total)	210	NA	NA	NA	NA

**TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-11 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-10-8-SB-16-S 3-5 03/14/07	I9-10-8-SB-16-S 5-7 03/14/07	I9-10-11-SB-16-NW 0-1 03/15/07	I9-10-11-SB-16-NW 1-3 03/15/07
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	NA	NA	NA	NA
1,2,4-Trichlorobenzene		480	NA	NA	NA	NA
1,2-Dichlorobenzene		370	NA	NA	NA	NA
1,2-Diphenylhydrazine		0.56	NA	NA	NA	NA
1,3,5-Trinitrobenzene		1,600	NA	NA	NA	NA
1,3-Dichlorobenzene		41	NA	NA	NA	NA
1,3-Dinitrobenzene		5.5	NA	NA	NA	NA
1,4-Dichlorobenzene		3	NA	NA	NA	NA
1,4-Naphthoquinone		55	NA	NA	NA	NA
1-Naphthylamine		Not Listed	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol		1,600	NA	NA	NA	NA
2,4,5-Trichlorophenol		5,500	NA	NA	NA	NA
2,4,6-Trichlorophenol		40	NA	NA	NA	NA
2,4-Dichlorophenol		160	NA	NA	NA	NA
2,4-Dimethylphenol		1,100	NA	NA	NA	NA
2,4-Dinitrophenol		110	NA	NA	NA	NA
2,4-Dinitrotoluene		110	NA	NA	NA	NA
2,6-Dichlorophenol		160	NA	NA	NA	NA
2,6-Dinitrotoluene		55	NA	NA	NA	NA
2-Acetylaminofluorene		0.56	NA	NA	NA	NA
2-Chloronaphthalene		3,700	NA	NA	NA	NA
2-Chlorophenol		59	NA	NA	NA	NA
2-Methylnaphthalene		55	NA	NA	NA	NA
2-Methylphenol		2,700	NA	NA	NA	NA
2-Naphthylamine		Not Listed	NA	NA	NA	NA
2-Nitroaniline		3.3	NA	NA	NA	NA
2-Nitrophenol		Not Listed	NA	NA	NA	NA
2-Picoline		55	NA	NA	NA	NA
3&4-Methylphenol		270	NA	NA	NA	NA
3,3'-Dichlorobenzidine		0.99	NA	NA	NA	NA
3,3'-Dimethylbenzidine		0.048	NA	NA	NA	NA
3-Methylcholanthrene		0.056	NA	NA	NA	NA
3-Nitroaniline		5.5	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol		55	NA	NA	NA	NA
4-Aminobiphenyl		1,400	NA	NA	NA	NA
4-Bromophenyl-phenylether		160	NA	NA	NA	NA
4-Chloro-3-Methylphenol		2,700	NA	NA	NA	NA
4-Chloroaniline		220	NA	NA	NA	NA
4-Chlorobenzilate		1.6	NA	NA	NA	NA
4-Chlorophenyl-phenylether		Not Listed	NA	NA	NA	NA
4-Nitroaniline		5.5	NA	NA	NA	NA
4-Nitrophenol		3,400	NA	NA	NA	NA
4-Nitroquinoline-1-oxide		110	NA	NA	NA	NA
4-Phenylenediamine		10,000	NA	NA	NA	NA
5-Nitro-o-toluidine		13	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	NA	NA	NA	NA
a,a'-Dimethylphenethylamine		55	NA	NA	NA	NA
Acenaphthene		2,600	NA	NA	NA	NA
Acenaphthylene		55	NA	NA	NA	NA
Acetophenone		0.49	NA	NA	NA	NA
Aniline		78	NA	NA	NA	NA
Anthracene		14,000	NA	NA	NA	NA
Aramite		18	NA	NA	NA	NA
Benzidine		0.0019	NA	NA	NA	NA
Benzo(a)anthracene		0.56	NA	NA	NA	NA
Benzo(a)pyrene		0.056	NA	NA	NA	NA
Benzo(b)fluoranthene		0.56	NA	NA	NA	NA
Benzo(g,h,i)perylene		55	NA	NA	NA	NA

TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-11 (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-10-8-SB-16-S 3-5 03/14/07	I9-10-8-SB-16-S 5-7 03/14/07	I9-10-11-SB-16-NW 0-1 03/15/07	I9-10-11-SB-16-NW 1-3 03/15/07
Benzo(k)fluoranthene		5.6	NA	NA	NA	NA
Benzyl Alcohol		16,000	NA	NA	NA	NA
Semivolatile Organics (continued)						
bis(2-Chloroethoxy)methane		Not Listed	NA	NA	NA	NA
bis(2-Chloroethyl)ether		0.18	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether		2.5	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate		32	NA	NA	NA	NA
Butylbenzylphthalate		930	NA	NA	NA	NA
Chrysene		56	NA	NA	NA	NA
Diallate		7.3	NA	NA	NA	NA
Dibenzo(a,h)anthracene		0.056	NA	NA	NA	NA
Dibenzofuran		210	NA	NA	NA	NA
Diethylphthalate		44,000	NA	NA	NA	NA
Dimethylphthalate		100,000	NA	NA	NA	NA
Di-n-Butylphthalate		5,500	NA	NA	NA	NA
Di-n-Octylphthalate		1,100	NA	NA	NA	NA
Diphenylamine		1,400	NA	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	NA	NA	NA	NA
Fluoranthene		2,000	NA	NA	NA	NA
Fluorene		1,800	NA	NA	NA	NA
Hexachlorobenzene		0.28	NA	NA	NA	NA
Hexachlorobutadiene		5.7	NA	NA	NA	NA
Hexachlorocyclopentadiene		380	NA	NA	NA	NA
Hexachloroethane		32	NA	NA	NA	NA
Hexachlorophene		16	NA	NA	NA	NA
Hexachloropropene		Not Listed	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	NA	NA	NA	NA
Isodrin		Not Listed	NA	NA	NA	NA
Isophorone		470	NA	NA	NA	NA
Isosafrole		Not Listed	NA	NA	NA	NA
Methapyrilene		55	NA	NA	NA	NA
Methyl Methanesulfonate		Not Listed	NA	NA	NA	NA
Naphthalene		55	NA	NA	NA	NA
Nitrobenzene		16	NA	NA	NA	NA
N-Nitrosodiethylamine		0.003	NA	NA	NA	NA
N-Nitrosodimethylamine		0.0087	NA	NA	NA	NA
N-Nitroso-di-n-butylamine		0.022	NA	NA	NA	NA
N-Nitroso-di-n-propylamine		0.063	NA	NA	NA	NA
N-Nitrosodiphenylamine		91	NA	NA	NA	NA
N-Nitrosomethylethylamine		0.02	NA	NA	NA	NA
N-Nitrosomorpholine		0.21	NA	NA	NA	NA
N-Nitrosopiperidine		0.21	NA	NA	NA	NA
N-Nitrosopyrrolidine		0.21	NA	NA	NA	NA
o,o,o-Triethylphosphorothioate		11	NA	NA	NA	NA
o-Toluidine		1.9	NA	NA	NA	NA
p-Dimethylaminoazobenzene		0.99	NA	NA	NA	NA
Pentachlorobenzene		44	NA	NA	NA	NA
Pentachloroethane		2.8	NA	NA	NA	NA
Pentachloronitrobenzene		1.7	NA	NA	NA	NA
Pentachlorophenol		2.5	NA	NA	NA	NA
Phenacetin		640	NA	NA	NA	NA
Phenanthrene		55	NA	NA	NA	NA
Phenol		33,000	NA	NA	NA	NA
Pronamide		4,100	NA	NA	NA	NA
Pyrene		1,500	NA	NA	NA	NA
Pyridine		55	NA	NA	NA	NA
Safrole		Not Listed	NA	NA	NA	NA
Thionazin		330	NA	NA	NA	NA

TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-11 (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN 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): Date Collected:	EPA Region 9 Residential PRGs	I9-10-8-SB-16-S 3-5 03/14/07	I9-10-8-SB-16-S 5-7 03/14/07	I9-10-11-SB-16-NW 0-1 03/15/07	I9-10-11-SB-16-NW 1-3 03/15/07
Furans					
2,3,7,8-TCDF	Not Applicable	NA	NA	NA	NA
TCDFs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	NA	NA	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	NA	NA	NA	NA
PeCDFs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA
HxCDFs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	NA	NA	NA
HpCDFs (total)	Not Applicable	NA	NA	NA	NA
OCDF	Not Applicable	NA	NA	NA	NA
Dioxins					
2,3,7,8-TCDD	Not Applicable	NA	NA	NA	NA
TCDDs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	NA	NA	NA	NA
PeCDDs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	NA	NA	NA	NA
HxCDDs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	NA	NA	NA
HpCDDs (total)	Not Applicable	NA	NA	NA	NA
OCDD	Not Applicable	NA	NA	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	NA	NA	NA	NA
Inorganics					
Aluminum	75,000	15900	NA	11500	16500
Antimony	30	13.3 J	NA	ND(4.55) J	ND(4.43) J
Arsenic	0.38	27.6	NA	7.26 B	26.4
Barium	5,200	635	NA	73.9	140
Beryllium	150	2.57 J	NA	0.0432 B	0.0421 B
Cadmium	37	2.81 J	NA	ND(1.14) J	ND(1.11) J
Calcium	Not Listed	20300 J	NA	3630	6120
Chromium	210	52.9	NA	24.0	21.9
Cobalt	3,300	46.2	NA	9.10	13.8
Copper	2,800	265	NA	32.5 J	199 J
Cyanide	11	NA	NA	NA	NA
Iron	22,000	68700	NA	23300	39300
Lead	400	2270	100	108	330
Magnesium	Not Listed	10300	NA	4980	4580
Manganese	3,100	1800	NA	412	1200
Mercury	22	0.557 J	NA	0.245	0.116
Nickel	1,500	48.5	NA	16.4	23.5
Potassium	Not Listed	1170	NA	512	797
Selenium	370	ND(2.93) J	NA	ND(2.28) J	ND(2.21) J
Silver	370	ND(1.47)	NA	ND(1.14) J	ND(1.11) J
Sodium	Not Listed	252	NA	35.8	165
Sulfide	350	NA	NA	NA	NA
Thallium	6	ND(1.47)	NA	ND(1.14)	1.28
Tin	45,000	NA	NA	NA	NA
Vanadium	520	28.6	NA	15.4	22.1
Zinc	22,000	1410	NA	148	325

**TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-11 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-10-11-SB-16-NW 3-5 03/15/07	I9-10-11-SB-16-NW 5-7 03/15/07	I9-10-11-SB-16-SW 0-1 03/15/07
Volatile Organics					
1,1,1,2-Tetrachloroethane		2.8	NA	NA	NA
1,1,1-Trichloroethane		680	NA	NA	NA
1,1,2,2-Tetrachloroethane		0.36	NA	NA	NA
1,1,2-Trichloroethane		0.82	NA	NA	NA
1,1-Dichloroethane		570	NA	NA	NA
1,1-Dichloroethene		0.052	NA	NA	NA
1,2,3-Trichloropropane		0.0014	NA	NA	NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA	NA
1,2-Dibromoethane		0.0049	NA	NA	NA
1,2-Dichloroethane		0.34	NA	NA	NA
1,2-Dichloropropane		0.34	NA	NA	NA
1,4-Dioxane		40	NA	NA	NA
2-Butanone		6,900	NA	NA	NA
2-Chloro-1,3-butadiene		3.6	NA	NA	NA
2-Chloroethylvinylether		0.18	NA	NA	NA
2-Hexanone		750	NA	NA	NA
3-Chloropropene		2,700	NA	NA	NA
4-Methyl-2-pentanone		750	NA	NA	NA
Acetone		1,400	NA	NA	NA
Acetonitrile		200	NA	NA	NA
Acrolein		0.1	NA	NA	NA
Acrylonitrile		0.19	NA	NA	NA
Benzene		0.62	NA	NA	NA
Bromodichloromethane		0.98	NA	NA	NA
Bromoform		56	NA	NA	NA
Bromomethane		3.8	NA	NA	NA
Carbon Disulfide		350	NA	NA	NA
Carbon Tetrachloride		0.23	NA	NA	NA
Chlorobenzene		54	NA	NA	NA
Chloroethane		1,600	NA	NA	NA
Chloroform		0.24	NA	NA	NA
Chloromethane		1.2	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	NA	NA	NA
Dibromochloromethane		5.3	NA	NA	NA
Dibromomethane		550	NA	NA	NA
Dichlorodifluoromethane		94	NA	NA	NA
Ethyl Methacrylate		140	NA	NA	NA
Ethylbenzene		230	NA	NA	NA
Iodomethane		1.2	NA	NA	NA
Isobutanol		10,000	NA	NA	NA
Methacrylonitrile		1.8	NA	NA	NA
Methyl Methacrylate		2,200	NA	NA	NA
Methylene Chloride		8.5	NA	NA	NA
Propionitrile		200	NA	NA	NA
Styrene		1,700	NA	NA	NA
Tetrachloroethene		4.7	NA	NA	NA
Toluene		520	NA	NA	NA
trans-1,2-Dichloroethene		62	NA	NA	NA
trans-1,3-Dichloropropene		Not Listed	NA	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	NA
Trichloroethene		2.7	NA	NA	NA
Trichlorofluoromethane		380	NA	NA	NA
Vinyl Acetate		420	NA	NA	NA
Vinyl Chloride		0.021	NA	NA	NA
Xylenes (total)		210	NA	NA	NA

**TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-11 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-10-11-SB-16-NW 3-5 03/15/07	I9-10-11-SB-16-NW 5-7 03/15/07	I9-10-11-SB-16-SW 0-1 03/15/07
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		16	NA	NA	NA
1,2,4-Trichlorobenzene		480	NA	NA	NA
1,2-Dichlorobenzene		370	NA	NA	NA
1,2-Diphenylhydrazine		0.56	NA	NA	NA
1,3,5-Trinitrobenzene		1,600	NA	NA	NA
1,3-Dichlorobenzene		41	NA	NA	NA
1,3-Dinitrobenzene		5.5	NA	NA	NA
1,4-Dichlorobenzene		3	NA	NA	NA
1,4-Naphthoquinone		55	NA	NA	NA
1-Naphthylamine		Not Listed	NA	NA	NA
2,3,4,6-Tetrachlorophenol		1,600	NA	NA	NA
2,4,5-Trichlorophenol		5,500	NA	NA	NA
2,4,6-Trichlorophenol		40	NA	NA	NA
2,4-Dichlorophenol		160	NA	NA	NA
2,4-Dimethylphenol		1,100	NA	NA	NA
2,4-Dinitrophenol		110	NA	NA	NA
2,4-Dinitrotoluene		110	NA	NA	NA
2,6-Dichlorophenol		160	NA	NA	NA
2,6-Dinitrotoluene		55	NA	NA	NA
2-Acetylaminofluorene		0.56	NA	NA	NA
2-Chloronaphthalene		3,700	NA	NA	NA
2-Chlorophenol		59	NA	NA	NA
2-Methylnaphthalene		55	NA	NA	NA
2-Methylphenol		2,700	NA	NA	NA
2-Naphthylamine		Not Listed	NA	NA	NA
2-Nitroaniline		3.3	NA	NA	NA
2-Nitrophenol		Not Listed	NA	NA	NA
2-Picoline		55	NA	NA	NA
3&4-Methylphenol		270	NA	NA	NA
3,3'-Dichlorobenzidine		0.99	NA	NA	NA
3,3'-Dimethylbenzidine		0.048	NA	NA	NA
3-Methylcholanthrene		0.056	NA	NA	NA
3-Nitroaniline		5.5	NA	NA	NA
4,6-Dinitro-2-methylphenol		55	NA	NA	NA
4-Aminobiphenyl		1,400	NA	NA	NA
4-Bromophenyl-phenylether		160	NA	NA	NA
4-Chloro-3-Methylphenol		2,700	NA	NA	NA
4-Chloroaniline		220	NA	NA	NA
4-Chlorobenzilate		1.6	NA	NA	NA
4-Chlorophenyl-phenylether		Not Listed	NA	NA	NA
4-Nitroaniline		5.5	NA	NA	NA
4-Nitrophenol		3,400	NA	NA	NA
4-Nitroquinoline-1-oxide		110	NA	NA	NA
4-Phenylenediamine		10,000	NA	NA	NA
5-Nitro-o-toluidine		13	NA	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	NA	NA	NA
a,a'-Dimethylphenethylamine		55	NA	NA	NA
Acenaphthene		2,600	NA	NA	NA
Acenaphthylene		55	NA	NA	NA
Acetophenone		0.49	NA	NA	NA
Aniline		78	NA	NA	NA
Anthracene		14,000	NA	NA	NA
Aramite		18	NA	NA	NA
Benzidine		0.0019	NA	NA	NA
Benzo(a)anthracene		0.56	NA	NA	NA
Benzo(a)pyrene		0.056	NA	NA	NA
Benzo(b)fluoranthene		0.56	NA	NA	NA
Benzo(g,h,i)perylene		55	NA	NA	NA

**TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-11 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-10-11-SB-16-NW 3-5 03/15/07	I9-10-11-SB-16-NW 5-7 03/15/07	I9-10-11-SB-16-SW 0-1 03/15/07
Benzo(k)fluoranthene		5.6	NA	NA	NA
Benzyl Alcohol		16,000	NA	NA	NA
Semivolatile Organics (continued)					
bis(2-Chloroethoxy)methane		Not Listed	NA	NA	NA
bis(2-Chloroethyl)ether		0.18	NA	NA	NA
bis(2-Chloroisopropyl)ether		2.5	NA	NA	NA
bis(2-Ethylhexyl)phthalate		32	NA	NA	NA
Butylbenzylphthalate		930	NA	NA	NA
Chrysene		56	NA	NA	NA
Diallate		7.3	NA	NA	NA
Dibenzo(a,h)anthracene		0.056	NA	NA	NA
Dibenzofuran		210	NA	NA	NA
Diethylphthalate		44,000	NA	NA	NA
Dimethylphthalate		100,000	NA	NA	NA
Di-n-Butylphthalate		5,500	NA	NA	NA
Di-n-Octylphthalate		1,100	NA	NA	NA
Diphenylamine		1,400	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	NA	NA	NA
Fluoranthene		2,000	NA	NA	NA
Fluorene		1,800	NA	NA	NA
Hexachlorobenzene		0.28	NA	NA	NA
Hexachlorobutadiene		5.7	NA	NA	NA
Hexachlorocyclopentadiene		380	NA	NA	NA
Hexachloroethane		32	NA	NA	NA
Hexachlorophene		16	NA	NA	NA
Hexachloropropene		Not Listed	NA	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	NA	NA	NA
Isodrin		Not Listed	NA	NA	NA
Isophorone		470	NA	NA	NA
Isosafrole		Not Listed	NA	NA	NA
Methapyrilene		55	NA	NA	NA
Methyl Methanesulfonate		Not Listed	NA	NA	NA
Naphthalene		55	NA	NA	NA
Nitrobenzene		16	NA	NA	NA
N-Nitrosodiethylamine		0.003	NA	NA	NA
N-Nitrosodimethylamine		0.0087	NA	NA	NA
N-Nitroso-di-n-butylamine		0.022	NA	NA	NA
N-Nitroso-di-n-propylamine		0.063	NA	NA	NA
N-Nitrosodiphenylamine		91	NA	NA	NA
N-Nitrosomethylethylamine		0.02	NA	NA	NA
N-Nitrosomorpholine		0.21	NA	NA	NA
N-Nitrosopiperidine		0.21	NA	NA	NA
N-Nitrosopyrrolidine		0.21	NA	NA	NA
o,o,o-Triethylphosphorothioate		11	NA	NA	NA
o-Toluidine		1.9	NA	NA	NA
p-Dimethylaminoazobenzene		0.99	NA	NA	NA
Pentachlorobenzene		44	NA	NA	NA
Pentachloroethane		2.8	NA	NA	NA
Pentachloronitrobenzene		1.7	NA	NA	NA
Pentachlorophenol		2.5	NA	NA	NA
Phenacetin		640	NA	NA	NA
Phenanthrene		55	NA	NA	NA
Phenol		33,000	NA	NA	NA
Pronamide		4,100	NA	NA	NA
Pyrene		1,500	NA	NA	NA
Pyridine		55	NA	NA	NA
Safrole		Not Listed	NA	NA	NA
Thionazin		330	NA	NA	NA

**TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-11 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-10-11-SB-16-NW 3-5 03/15/07	I9-10-11-SB-16-NW 5-7 03/15/07	I9-10-11-SB-16-SW 0-1 03/15/07
Furans					
2,3,7,8-TCDF		Not Applicable	NA	NA	NA
TCDFs (total)		Not Applicable	NA	NA	NA
1,2,3,7,8-PeCDF		Not Applicable	NA	NA	NA
2,3,4,7,8-PeCDF		Not Applicable	NA	NA	NA
PeCDFs (total)		Not Applicable	NA	NA	NA
1,2,3,4,7,8-HxCDF		Not Applicable	NA	NA	NA
1,2,3,6,7,8-HxCDF		Not Applicable	NA	NA	NA
1,2,3,7,8,9-HxCDF		Not Applicable	NA	NA	NA
2,3,4,6,7,8-HxCDF		Not Applicable	NA	NA	NA
HxCDFs (total)		Not Applicable	NA	NA	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	NA	NA	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	NA	NA	NA
HpCDFs (total)		Not Applicable	NA	NA	NA
OCDF		Not Applicable	NA	NA	NA
Dioxins					
2,3,7,8-TCDD		Not Applicable	NA	NA	NA
TCDDs (total)		Not Applicable	NA	NA	NA
1,2,3,7,8-PeCDD		Not Applicable	NA	NA	NA
PeCDDs (total)		Not Applicable	NA	NA	NA
1,2,3,4,7,8-HxCDD		Not Applicable	NA	NA	NA
1,2,3,6,7,8-HxCDD		Not Applicable	NA	NA	NA
1,2,3,7,8,9-HxCDD		Not Applicable	NA	NA	NA
HxCDDs (total)		Not Applicable	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	NA	NA	NA
HpCDDs (total)		Not Applicable	NA	NA	NA
OCDD		Not Applicable	NA	NA	NA
Total TEQs (WHO TEFs)		Not Applicable	NA	NA	NA
Inorganics					
Aluminum		75,000	NA	NA	12000 [10300]
Antimony		30	NA	NA	ND(4.57) J [ND(4.59) J]
Arsenic		0.38	NA	NA	4.99 B [5.32 B]
Barium		5,200	NA	NA	35.3 [35.0]
Beryllium		150	NA	NA	0.465 B [0.271 B]
Cadmium		37	NA	NA	ND(1.14) J [ND(1.15) J]
Calcium		Not Listed	NA	NA	70700 [101000]
Chromium		210	NA	NA	12.1 [9.29]
Cobalt		3,300	NA	NA	8.97 [8.69]
Copper		2,800	NA	NA	19.2 J [17.7 J]
Cyanide		11	NA	NA	NA
Iron		22,000	NA	NA	29200 [24800]
Lead		400	68.3	52.5	27.7 [27.2]
Magnesium		Not Listed	NA	NA	47700 [62100]
Manganese		3,100	NA	NA	596 [649]
Mercury		22	NA	NA	0.0444 [0.0471]
Nickel		1,500	NA	NA	17.7 [15.0]
Potassium		Not Listed	NA	NA	871 [795]
Selenium		370	NA	NA	ND(2.29) J [ND(2.29) J]
Silver		370	NA	NA	ND(1.14) J [ND(1.15) J]
Sodium		Not Listed	NA	NA	45.4 [47.4]
Sulfide		350	NA	NA	NA
Thallium		6	NA	NA	ND(1.14) [ND(1.15)]
Tin		45,000	NA	NA	NA
Vanadium		520	NA	NA	12.0 [10.9]
Zinc		22,000	NA	NA	77.0 [78.7]

TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-11 (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-10-11-SB-16-SW 1-3 03/15/07	I9-10-11-SB-16-SW 3-5 03/15/07
Volatile Organics				
1,1,1,2-Tetrachloroethane		2.8	NA	NA
1,1,1-Trichloroethane		680	NA	NA
1,1,2,2-Tetrachloroethane		0.36	NA	NA
1,1,2-Trichloroethane		0.82	NA	NA
1,1-Dichloroethane		570	NA	NA
1,1-Dichloroethene		0.052	NA	NA
1,2,3-Trichloropropane		0.0014	NA	NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA
1,2-Dibromoethane		0.0049	NA	NA
1,2-Dichloroethane		0.34	NA	NA
1,2-Dichloropropane		0.34	NA	NA
1,4-Dioxane		40	NA	NA
2-Butanone		6,900	NA	NA
2-Chloro-1,3-butadiene		3.6	NA	NA
2-Chloroethylvinylether		0.18	NA	NA
2-Hexanone		750	NA	NA
3-Chloropropene		2,700	NA	NA
4-Methyl-2-pentanone		750	NA	NA
Acetone		1,400	NA	NA
Acetonitrile		200	NA	NA
Acrolein		0.1	NA	NA
Acrylonitrile		0.19	NA	NA
Benzene		0.62	NA	NA
Bromodichloromethane		0.98	NA	NA
Bromoform		56	NA	NA
Bromomethane		3.8	NA	NA
Carbon Disulfide		350	NA	NA
Carbon Tetrachloride		0.23	NA	NA
Chlorobenzene		54	NA	NA
Chloroethane		1,600	NA	NA
Chloroform		0.24	NA	NA
Chloromethane		1.2	NA	NA
cis-1,3-Dichloropropene		Not Listed	NA	NA
Dibromochloromethane		5.3	NA	NA
Dibromomethane		550	NA	NA
Dichlorodifluoromethane		94	NA	NA
Ethyl Methacrylate		140	NA	NA
Ethylbenzene		230	NA	NA
Iodomethane		1.2	NA	NA
Isobutanol		10,000	NA	NA
Methacrylonitrile		1.8	NA	NA
Methyl Methacrylate		2,200	NA	NA
Methylene Chloride		8.5	NA	NA
Propionitrile		200	NA	NA
Styrene		1,700	NA	NA
Tetrachloroethene		4.7	NA	NA
Toluene		520	NA	NA
trans-1,2-Dichloroethene		62	NA	NA
trans-1,3-Dichloropropene		Not Listed	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA
Trichloroethene		2.7	NA	NA
Trichlorofluoromethane		380	NA	NA
Vinyl Acetate		420	NA	NA
Vinyl Chloride		0.021	NA	NA
Xylenes (total)		210	NA	NA

**TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-11 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-10-11-SB-16-SW 1-3 03/15/07	I9-10-11-SB-16-SW 3-5 03/15/07
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene		16	NA	NA
1,2,4-Trichlorobenzene		480	NA	NA
1,2-Dichlorobenzene		370	NA	NA
1,2-Diphenylhydrazine		0.56	NA	NA
1,3,5-Trinitrobenzene		1,600	NA	NA
1,3-Dichlorobenzene		41	NA	NA
1,3-Dinitrobenzene		5.5	NA	NA
1,4-Dichlorobenzene		3	NA	NA
1,4-Naphthoquinone		55	NA	NA
1-Naphthylamine		Not Listed	NA	NA
2,3,4,6-Tetrachlorophenol		1,600	NA	NA
2,4,5-Trichlorophenol		5,500	NA	NA
2,4,6-Trichlorophenol		40	NA	NA
2,4-Dichlorophenol		160	NA	NA
2,4-Dimethylphenol		1,100	NA	NA
2,4-Dinitrophenol		110	NA	NA
2,4-Dinitrotoluene		110	NA	NA
2,6-Dichlorophenol		160	NA	NA
2,6-Dinitrotoluene		55	NA	NA
2-Acetylaminofluorene		0.56	NA	NA
2-Chloronaphthalene		3,700	NA	NA
2-Chlorophenol		59	NA	NA
2-Methylnaphthalene		55	NA	NA
2-Methylphenol		2,700	NA	NA
2-Naphthylamine		Not Listed	NA	NA
2-Nitroaniline		3.3	NA	NA
2-Nitrophenol		Not Listed	NA	NA
2-Picoline		55	NA	NA
3&4-Methylphenol		270	NA	NA
3,3'-Dichlorobenzidine		0.99	NA	NA
3,3'-Dimethylbenzidine		0.048	NA	NA
3-Methylcholanthrene		0.056	NA	NA
3-Nitroaniline		5.5	NA	NA
4,6-Dinitro-2-methylphenol		55	NA	NA
4-Aminobiphenyl		1,400	NA	NA
4-Bromophenyl-phenylether		160	NA	NA
4-Chloro-3-Methylphenol		2,700	NA	NA
4-Chloroaniline		220	NA	NA
4-Chlorobenzilate		1.6	NA	NA
4-Chlorophenyl-phenylether		Not Listed	NA	NA
4-Nitroaniline		5.5	NA	NA
4-Nitrophenol		3,400	NA	NA
4-Nitroquinoline-1-oxide		110	NA	NA
4-Phenylenediamine		10,000	NA	NA
5-Nitro-o-toluidine		13	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	NA	NA
a,a'-Dimethylphenethylamine		55	NA	NA
Acenaphthene		2,600	NA	NA
Acenaphthylene		55	NA	NA
Acetophenone		0.49	NA	NA
Aniline		78	NA	NA
Anthracene		14,000	NA	NA
Aramite		18	NA	NA
Benzidine		0.0019	NA	NA
Benzo(a)anthracene		0.56	NA	NA
Benzo(a)pyrene		0.056	NA	NA
Benzo(b)fluoranthene		0.56	NA	NA
Benzo(g,h,i)perylene		55	NA	NA

TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-11 (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-10-11-SB-16-SW 1-3 03/15/07	I9-10-11-SB-16-SW 3-5 03/15/07
Benzo(k)fluoranthene		5.6	NA	NA
Benzyl Alcohol		16,000	NA	NA
Semivolatile Organics (continued)				
bis(2-Chloroethoxy)methane		Not Listed	NA	NA
bis(2-Chloroethyl)ether		0.18	NA	NA
bis(2-Chloroisopropyl)ether		2.5	NA	NA
bis(2-Ethylhexyl)phthalate		32	NA	NA
Butylbenzylphthalate		930	NA	NA
Chrysene		56	NA	NA
Diallate		7.3	NA	NA
Dibenzo(a,h)anthracene		0.056	NA	NA
Dibenzofuran		210	NA	NA
Diethylphthalate		44,000	NA	NA
Dimethylphthalate		100,000	NA	NA
Di-n-Butylphthalate		5,500	NA	NA
Di-n-Octylphthalate		1,100	NA	NA
Diphenylamine		1,400	NA	NA
Ethyl Methanesulfonate		Not Listed	NA	NA
Fluoranthene		2,000	NA	NA
Fluorene		1,800	NA	NA
Hexachlorobenzene		0.28	NA	NA
Hexachlorobutadiene		5.7	NA	NA
Hexachlorocyclopentadiene		380	NA	NA
Hexachloroethane		32	NA	NA
Hexachlorophene		16	NA	NA
Hexachloropropene		Not Listed	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	NA	NA
Isodrin		Not Listed	NA	NA
Isophorone		470	NA	NA
Isosafrole		Not Listed	NA	NA
Methapyrilene		55	NA	NA
Methyl Methanesulfonate		Not Listed	NA	NA
Naphthalene		55	NA	NA
Nitrobenzene		16	NA	NA
N-Nitrosodiethylamine		0.003	NA	NA
N-Nitrosodimethylamine		0.0087	NA	NA
N-Nitroso-di-n-butylamine		0.022	NA	NA
N-Nitroso-di-n-propylamine		0.063	NA	NA
N-Nitrosodiphenylamine		91	NA	NA
N-Nitrosomethylethylamine		0.02	NA	NA
N-Nitrosomorpholine		0.21	NA	NA
N-Nitrosopiperidine		0.21	NA	NA
N-Nitrosopyrrolidine		0.21	NA	NA
o,o,o-Triethylphosphorothioate		11	NA	NA
o-Toluidine		1.9	NA	NA
p-Dimethylaminoazobenzene		0.99	NA	NA
Pentachlorobenzene		44	NA	NA
Pentachloroethane		2.8	NA	NA
Pentachloronitrobenzene		1.7	NA	NA
Pentachlorophenol		2.5	NA	NA
Phenacetin		640	NA	NA
Phenanthrene		55	NA	NA
Phenol		33,000	NA	NA
Pronamide		4,100	NA	NA
Pyrene		1,500	NA	NA
Pyridine		55	NA	NA
Safrole		Not Listed	NA	NA
Thionazin		330	NA	NA

TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-11 (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-10-11-SB-16-SW 1-3 03/15/07	I9-10-11-SB-16-SW 3-5 03/15/07
Furans				
2,3,7,8-TCDF		Not Applicable	NA	NA
TCDFs (total)		Not Applicable	NA	NA
1,2,3,7,8-PeCDF		Not Applicable	NA	NA
2,3,4,7,8-PeCDF		Not Applicable	NA	NA
PeCDFs (total)		Not Applicable	NA	NA
1,2,3,4,7,8-HxCDF		Not Applicable	NA	NA
1,2,3,6,7,8-HxCDF		Not Applicable	NA	NA
1,2,3,7,8,9-HxCDF		Not Applicable	NA	NA
2,3,4,6,7,8-HxCDF		Not Applicable	NA	NA
HxCDFs (total)		Not Applicable	NA	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	NA	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	NA	NA
HpCDFs (total)		Not Applicable	NA	NA
OCDF		Not Applicable	NA	NA
Dioxins				
2,3,7,8-TCDD		Not Applicable	NA	NA
TCDDs (total)		Not Applicable	NA	NA
1,2,3,7,8-PeCDD		Not Applicable	NA	NA
PeCDDs (total)		Not Applicable	NA	NA
1,2,3,4,7,8-HxCDD		Not Applicable	NA	NA
1,2,3,6,7,8-HxCDD		Not Applicable	NA	NA
1,2,3,7,8,9-HxCDD		Not Applicable	NA	NA
HxCDDs (total)		Not Applicable	NA	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	NA	NA
HpCDDs (total)		Not Applicable	NA	NA
OCDD		Not Applicable	NA	NA
Total TEQs (WHO TEFs)		Not Applicable	NA	NA
Inorganics				
Aluminum		75,000	14600	NA
Antimony		30	ND(4.58) J	NA
Arsenic		0.38	17.5	NA
Barium		5,200	134	NA
Beryllium		150	0.911 B	NA
Cadmium		37	ND(1.15) J	NA
Calcium		Not Listed	11700	NA
Chromium		210	18.0	NA
Cobalt		3,300	12.3	NA
Copper		2,800	96.2 J	NA
Cyanide		11	NA	NA
Iron		22,000	31700	NA
Lead		400	309	549
Magnesium		Not Listed	9550	NA
Manganese		3,100	796	NA
Mercury		22	0.175	NA
Nickel		1,500	21.9	NA
Potassium		Not Listed	541	NA
Selenium		370	ND(2.29) J	NA
Silver		370	ND(1.15) J	NA
Sodium		Not Listed	74.3	NA
Sulfide		350	NA	NA
Thallium		6	ND(1.15)	NA
Tin		45,000	NA	NA
Vanadium		520	18.7	NA
Zinc		22,000	267	NA

**TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-11 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998. Field duplicate sample results are presented in brackets.
6. Shaded data indicates results from a sample collected at a depth below the depth proposed for use in the evaluations of this area based on the review of the PCB data (designated as the "X" depth). The data for this sample were considered in the screening table (Table E-118), but are not included in the subsequent evaluation tables (Tables E-120 and E-122). This was a conservative approach because the constituent concentrations in the sample collected from below the "X" depth are lower than the applicable comparison criteria specified in the evaluation tables.
- 7.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

J - Estimated Value.

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 - Estimated Value.

**TABLE E-118
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
PARCEL I9-10-11 (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS**

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
Acetone	0.19	1,400	No
Carbon Disulfide	0.0091	350	No
Isobutanol	0.14	10,000	No
Semivolatile Organics			
3&4-Methylphenol	0.26	270	No
Acenaphthene	0.10	2,600	No
Acenaphthylene	0.14	55*	No
Anthracene	0.17	14,000	No
Benzo(a)anthracene	0.32	0.56	No
Benzo(a)pyrene	0.40	0.056	Yes
Benzo(b)fluoranthene	0.32	0.56	No
Benzo(g,h,i)perylene	0.22	55*	No
Benzo(k)fluoranthene	0.41	5.6	No
Chrysene	0.45	56	No
Fluoranthene	0.63	2,000	No
Fluorene	0.26	1,800	No
Indeno(1,2,3-cd)pyrene	0.22	0.56	No
Naphthalene	0.26	55	No
Phenanthrene	0.49	55*	No
Pyrene	0.85	1,500	No
Inorganics			
Antimony	13.3	30	No
Arsenic	27.6	0.38	Yes
Barium	1,400	5,200	No
Beryllium	2.57	150	No
Cadmium	4.80	37	No
Chromium	52.9	210	No
Cobalt	46.2	3,300	No
Copper	265	2,800	No
Cyanide	0.680	11*	No
Lead	2,270	400	Yes
Mercury	0.580	22	No
Nickel	48.5	1,500	No
Selenium	3.00	370	No
Silver	1.12	370	No
Sulfide	400	350*	Yes
Thallium	1.40	6	No
Tin	36.0	45,000	No
Vanadium	28.6	520	No
Zinc	1,410	22,000	No

- Notes:**
1. PRG = Preliminary Remediation Goal.
 2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
 3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
 4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
 5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG. Maximum detected concentrations are derived from all data collected from this area, including results from samples collected below the "X" depth proposed for use in the evaluations (see note 7 in preceding Table E-117).

TABLE E-119
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-11: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-10-8-SB-16 0-1 03/09/05	I9-10-8-SB-16-N 0-1 10/24/05	I9-10-8-SB-16-S 0-1 10/24/05	I9-10-8-SB-16-SS 0-1 06/01/06	I9-10-11-SB-16-NW 0-1 03/15/07	I9-10-11-SB-16-SW 0-1 03/15/07
Semivolatile Organics						
Benzo(a)pyrene	0.090	--	--	--	--	--
Dioxins/Furans						
Total TEQs (WHO TEFs)	8.70E-05	--	--	--	--	--
Inorganics						
Arsenic	7.60	--	--	--	7.26	5.16
Lead	1,700	240	1,300	225	108	27
Sulfide	51.0	--	--	--	--	--

Sample ID: Sample Depth(Feet): Date Collected:	I9-10-8-SB-16-E 0-1 05/01/07	COMP-I9-10-8-SB-16 0-1 (See Note 1)	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Semivolatile Organics						
Benzo(a)pyrene	--	--	N/A (See Note 7)	0.09	2	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	8.70E-05	N/A (See Note 6)	1.00E-03	No
Inorganics						
Arsenic	--	--	N/A (See Note 7)	6.67	20	No
Lead	676	611	N/A (See Note 7)	611	300	Yes
Sulfide	--	--	N/A (See Note 7)	51.0	633*	No

Notes:

- The lead results presented for this sample location represents the average result from the following samples (depth; date collected): I9-10-8-SB-16-E (0-1'; 5/1/07), I9-10-8-SB-16-N (0-1'; 10/24/05), I9-10-8-SB-16-S (0-1'; 10/24/05), I9-10-8-SB-16-SS (0-1'; 6/1/06), I9-10-11-SB-NW (0-1'; 3/15/07), I9-10-11-SB-SW (0-1'; 3/15/07), and I9-10-8-SB-16 (0-1'; 3/09/05).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Not analyzed.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

**TABLE E-120
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-11: 1- TO X-FOOT [X=9] DEPTH INCREMENT (NON-BANK)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID:	I9-10-8-SB-16	I9-10-8-SB-16-N	I9-10-8-SB-16-S	I9-10-11-SB-16-NW	I9-10-11-SB-16-SW	I9-10-11-SB-16-E	COMP-I9-10-8-SB-16
Sample Depth(Feet):	1-3	1-3	1-3	1-3	1-3	1-3	1-3
Date Collected:	03/09/05	10/24/05	10/24/05	03/15/07	03/15/07	05/01/07	(See Note 1)
Semivolatile Organics							
Benzo(a)pyrene	0.18	--	--	--	--	--	--
Dioxins/Furans							
Total TEQs (WHO TEFs)	1.00E-04	--	--	--	--	--	--
Inorganics							
Arsenic	9.20	--	--	26.4	17.5	--	--
Lead	710	80.0	1,300	330	309	762	582
Sulfide	25.0	--	--	--	--	--	--
Sample ID:	I9-10-8-SB-16	I9-10-8-SB-16	I9-10-8-SB-16-S	I9-10-8-SB-16-SS	I9-10-11-SB-16-SW	I9-10-11-SB-16-E	I9-10-11-SB-16-NW
Sample Depth(Feet):	3-5	3-5	3-5	3-5	3-5	3-5	3-5
Date Collected:	03/14/07	03/14/07	03/14/07	03/14/07	03/15/07	05/01/07	03/15/07
Semivolatile Organics							
Benzo(a)pyrene	--	--	--	--	--	--	--
Dioxins/Furans							
Total TEQs (WHO TEFs)	--	--	--	--	--	--	--
Inorganics							
Arsenic	19.8	--	27.6	--	--	--	--
Lead	337	337	2,270	240	549	219	68.3
Sulfide	--	--	--	--	--	--	--
Sample ID:	COMP-I9-10-8-SB-16	I9-10-8-SB-16-S	I9-10-8-SB-16-NW	Maximum Sample Result	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Sample Depth(Feet):	3-5	5-7	5-7				
Date Collected:	(See Note 2)	03/14/07	03/15/07				
Semivolatile Organics							
Benzo(a)pyrene	--	--	--	N/A (See Note 7)	0.18	2	No
Dioxins/Furans							
Total TEQs (WHO TEFs)	--	--	--	1.00E-04	N/A (See Note 7)	1.00E-03	No
Inorganics							
Arsenic	--	--	--	N/A (See Note 7)	20	20	No
Lead	614	100	52.5	N/A (See Note 7)	383	300	Yes
Sulfide	--	--	--	N/A (See Note 7)	25.0	633*	No

Notes:

- The lead results presented for this sample location represents the average result from the following samples (depth; date collected): I9-10-8-SB-16-N (1-3'; 10/24/05), I9-10-8-SB-16-S (1-3'; 10/24/05), I9-10-11-SB-NW (1-3'; 3/15/07), I9-10-11-SB-SW (1-3'; 3/15/07), and I9-10-8-SB-16 (1-3'; 3/09/05).
- The lead results presented for this sample location represents the average result from the following samples (depth; date collected): I9-10-8-SB-16-S (3-5'; 3/14/07), I9-10-8-SB-16 (3-5'; 3/14/07), I9-10-8-SB-16-S (3-5'; 3/14/07), I9-10-8-SB-16-E (3-5'; 5/1/07), I9-10-11-SB-SW (3-5'; 3/15/07), and I9-10-11-SB-16-NW (3-5'; 3/15/07).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Not analyzed.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

TABLE E-121
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-11: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-10-8-SB-16 0-1 03/09/05	I9-10-8-SB-16-N 0-1 10/24/05	I9-10-8-SB-16-S 0-1 10/24/05	I9-10-8-SB-16-SS 0-1 06/01/06	I9-10-11-SB-16-NW 0-1 03/15/07	I9-10-11-SB-16-SW 0-1 03/15/07
Semivolatile Organics						
Benzo(a)pyrene	0.090	--	--	--	--	--
Dioxins/Furans						
Total TEQs (WHO TEFs)	8.70E-05	--	--	--	--	--
Inorganics						
Arsenic	7.60	--	--	--	7.26	5.16
Lead	6.24	240	6.24	225	108	27
Sulfide	51.0	--	--	--	--	--

Sample ID: Sample Depth(Feet): Date Collected:	I9-10-8-SB-16-E 0-1 05/01/07	COMP-I9-10-8-SB-16 0-1 (See Note 1)	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Semivolatile Organics						
Benzo(a)pyrene	--	--	N/A (See Note 7)	0.09	2	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	8.70E-05	N/A (See Note 6)	1.00E-03	No
Inorganics						
Arsenic	--	--	N/A (See Note 7)	6.67	20	No
Lead	676	184	N/A (See Note 7)	184	300	No
Sulfide	--	--	N/A (See Note 7)	51.0	633*	No

Notes:

- The lead results presented for this sample location represents the average result from the following samples (depth; date collected): I9-10-8-SB-16-E (0-1'; 5/1/07), I9-10-8-SB-16-N (0-1'; 10/24/05), I9-10-8-SB-16-S (0-1'; 10/24/05), I9-10-8-SB-16-SS (0-1'; 6/1/06), I9-10-11-SB-NW (0-1'; 3/15/07), I9-10-11-SB-SW (0-1'; 3/15/07), and I9-10-8-SB-16 (0-1'; 3/09/05).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Not analyzed.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

TABLE E-122
 POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
 PARCEL I9-10-11: 1- TO X-FOOT [X=9] DEPTH INCREMENT (NON-BANK)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	I9-10-8-SB-16 1-3 03/09/05	I9-10-8-SB-16-N 1-3 10/24/05	I9-10-8-SB-16-S 1-3 10/24/05	I9-10-11-SB-16-NW 1-3 03/15/07	I9-10-11-SB-16-SW 1-3 03/15/07	I9-10-11-SB-16-E 1-3 05/01/07	COMP-I9-10-8-SB-16 1-3 (See Note 1)
Semivolatle Organics							
Benzo(a)pyrene	0.18	--	--	--	--	--	--
Dioxins/Furans							
Total TEQs (WHO TEFs)	1.00E-04	--	--	--	--	--	--
Inorganics							
Arsenic	9.20	--	--	26.4	17.5	--	--
Lead	6.24	80.0	6.24	330	309	762	249
Sulfide	25.0	--	--	--	--	--	--
Sample ID: Sample Depth(Feet): Date Collected:	I9-10-8-SB-16 3-5 03/14/07	I9-10-8-SB-16 3-5 03/14/07	I9-10-8-SB-16-S 3-5 03/14/07	I9-10-8-SB-16-SS 3-5 03/14/07	I9-10-11-SB-16-SW 3-5 03/15/07	I9-10-11-SB-16-E 3-5 05/01/07	I9-10-11-SB-16-NW 3-5 03/15/07
Semivolatle Organics							
Benzo(a)pyrene	--	--	--	--	--	--	--
Dioxins/Furans							
Total TEQs (WHO TEFs)	--	--	--	--	--	--	--
Inorganics							
Arsenic	19.8	--	27.6	--	--	--	--
Lead	337	337	6.24	240	549	219	68.3
Sulfide	--	--	--	--	--	--	--
Sample ID: Sample Depth(Feet): Date Collected:	COMP-I9-10-8-SB-16 3-5 (See Note 2)	I9-10-8-SB-16-S 5-7 03/14/07	I9-10-8-SB-16-NW 5-7 03/15/07	Maximum Sample Result	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatle Organics							
Benzo(a)pyrene	--	--	--	N/A (See Note 7)	0.18	2	No
Dioxins/Furans							
Total TEQs (WHO TEFs)	--	--	--	1.00E-04	N/A (See Note 7)	1.00E-03	No
Inorganics							
Arsenic	--	--	--	N/A (See Note 7)	20	20	No
Lead	237	100	52.5	N/A (See Note 7)	202	300	No
Sulfide	--	--	--	N/A (See Note 7)	25.0	633*	No

Notes:

- The lead results presented for this sample location represents the average result form the following samples (depth; date collected): I9-10-8-SB-16-N (1-3'; 10/24/05), I9-10-8-SB-16-S (1-3'; 10/24/05), I9-10-11-SB-NW (1-3'; 3/15/07), I9-10-11-SB-SW (1-3'; 3/15/07), and I9-10-8-SB-16 (1-3'; 3/09/05).
- The lead results presented for this sample location represents the average result form the following samples (depth; date collected): I9-10-8-SB-16-S (3-5'; 3/14/07), I9-10-8-SB-16 (3-5'; 3/14/07), I9-10-8-SB-16-SS (3-5'; 3/14/07), I9-10-8-SB-16-E (3-5'; 5/1/07), I9-10-11-SB-SW (3-5'; 3/15/07), and I9-10-11-SB-16-NW (3-5'; 3/15/07).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Not analyzed.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

ARCADIS

Combined Parcel I9-10-9 and
Recreational Area RA-1

TABLE E-123
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-9 & RECREATIONAL AREA 1 (RA-1)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA BH001464 SL-BH001464-0-0000 0-1 04/09/08	EPA BH001464 SL-BH001464-0-0010 1-3 04/09/08	EPA BH001465 SL-BH001465-0-0000 0-1 04/09/08
Parameter				
Volatile Organics				
1,1,1,2-Tetrachloroethane	2.8	NA	NA	NA
1,1,1-Trichloroethane	680	NA	NA	NA
1,1,2,2-Tetrachloroethane	0.36	NA	NA	NA
1,1,2-Trichloroethane	0.82	NA	NA	NA
1,1-Dichloroethane	570	NA	NA	NA
1,1-Dichloroethene	0.052	NA	NA	NA
1,2,3-Trichloropropane	0.0014	NA	NA	NA
1,2-Dibromo-3-chloropropane	0.32	NA	NA	NA
1,2-Dibromoethane	0.0049	NA	NA	NA
1,2-Dichloroethane	0.34	NA	NA	NA
1,2-Dichloropropane	0.34	NA	NA	NA
1,4-Dioxane	40	NA	NA	NA
2-Butanone	6,900	NA	NA	NA
2-Chloro-1,3-butadiene	3.6	NA	NA	NA
2-Chloroethylvinylether	0.18	NA	NA	NA
2-Hexanone	750	NA	NA	NA
3-Chloropropene	2,700	NA	NA	NA
4-Methyl-2-pentanone	750	NA	NA	NA
Acetone	1,400	NA	NA	NA
Acetonitrile	200	NA	NA	NA
Acrolein	0.1	NA	NA	NA
Acrylonitrile	0.19	NA	NA	NA
Benzene	0.62	NA	NA	NA
Bromodichloromethane	0.98	NA	NA	NA
Bromoform	56	NA	NA	NA
Bromomethane	3.8	NA	NA	NA
Carbon Disulfide	350	NA	NA	NA
Carbon Tetrachloride	0.23	NA	NA	NA
Chlorobenzene	54	NA	NA	NA
Chloroethane	1,600	NA	NA	NA
Chloroform	0.24	NA	NA	NA
Chloromethane	1.2	NA	NA	NA
cis-1,3-Dichloropropene	Not Listed	NA	NA	NA
Dibromochloromethane	5.3	NA	NA	NA
Dibromomethane	550	NA	NA	NA
Dichlorodifluoromethane	94	NA	NA	NA
Ethyl Methacrylate	140	NA	NA	NA
Ethylbenzene	230	NA	NA	NA
Iodomethane	1.2	NA	NA	NA
Isobutanol	10,000	NA	NA	NA
Methacrylonitrile	1.8	NA	NA	NA
Methyl Methacrylate	2,200	NA	NA	NA
Methylene Chloride	8.5	NA	NA	NA
Propionitrile	200	NA	NA	NA
Styrene	1,700	NA	NA	NA
Tetrachloroethene	4.7	NA	NA	NA
Toluene	520	NA	NA	NA
trans-1,2-Dichloroethene	62	NA	NA	NA
trans-1,3-Dichloropropene	Not Listed	NA	NA	NA
trans-1,4-Dichloro-2-butene	Not Listed	NA	NA	NA
Trichloroethene	2.7	NA	NA	NA
Trichlorofluoromethane	380	NA	NA	NA
Vinyl Acetate	420	NA	NA	NA
Vinyl Chloride	0.021	NA	NA	NA
Xylenes (total)	210	NA	NA	NA

**TABLE E-123
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-9 & RECREATIONAL AREA 1 (RA-1)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA BH001464 SL-BH001464-0-0000 0-1 04/09/08	EPA BH001464 SL-BH001464-0-0010 1-3 04/09/08	EPA BH001465 SL-BH001465-0-0000 0-1 04/09/08
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		16	ND(13)	ND(12)	ND(8.8) [ND(14)]
1,2,4-Trichlorobenzene		480	ND(2.7)	ND(2.4)	ND(1.8) [ND(2.8)]
1,2-Dichlorobenzene		370	ND(2.7)	ND(2.4)	ND(1.8) [ND(2.8)]
1,2-Diphenylhydrazine		0.56	NA	NA	NA
1,3,5-Trinitrobenzene		1,600	ND(13)	ND(12)	ND(8.8) [ND(14)]
1,3-Dichlorobenzene		41	ND(2.7)	ND(2.4)	ND(1.8) [ND(2.8)]
1,3-Dinitrobenzene		5.5	ND(13)	ND(12)	ND(8.8) [ND(14)]
1,4-Dichlorobenzene		3	ND(2.7)	ND(2.4)	ND(1.8) [ND(2.8)]
1,4-Naphthoquinone		55	ND(13)	ND(12)	ND(8.8) [ND(14)]
1-Naphthylamine		Not Listed	ND(13)	ND(12)	ND(8.8) [ND(14)]
2,3,4,6-Tetrachlorophenol		1,600	ND(13)	ND(12)	ND(8.8) [ND(14)]
2,4,5-Trichlorophenol		5,500	ND(13)	ND(12)	ND(8.8) [ND(14)]
2,4,6-Trichlorophenol		40	ND(13)	ND(12)	ND(8.8) [ND(14)]
2,4-Dichlorophenol		160	ND(2.7)	ND(2.4)	ND(1.8) [ND(2.8)]
2,4-Dimethylphenol		1,100	ND(13)	ND(12)	ND(8.8) [ND(14)]
2,4-Dinitrophenol		110	ND(68)	ND(61)	ND(45) [ND(71)]
2,4-Dinitrotoluene		110	ND(13)	ND(12)	ND(8.8) [ND(14)]
2,6-Dichlorophenol		160	ND(2.7)	ND(2.4)	ND(1.8) [ND(2.8)]
2,6-Dinitrotoluene		55	ND(13)	ND(12)	ND(8.8) [ND(14)]
2-Acetylaminofluorene		0.56	ND(13)	ND(12)	ND(8.8) [ND(14)]
2-Chloronaphthalene		3,700	ND(2.7)	ND(2.4)	ND(1.8) [ND(2.8)]
2-Chlorophenol		59	ND(13)	ND(12)	ND(8.8) [ND(14)]
2-Methylnaphthalene		55	ND(2.7)	ND(2.4)	0.62 J [ND(2.8)]
2-Methylphenol		2,700	ND(13)	ND(12)	ND(8.8) [ND(14)]
2-Naphthylamine		Not Listed	ND(13)	ND(12)	ND(8.8) [ND(14)]
2-Nitroaniline		3.3	ND(68)	ND(61)	ND(45) [ND(71)]
2-Nitrophenol		Not Listed	ND(13)	ND(12)	ND(8.8) [ND(14)]
2-Picoline		55	ND(13)	ND(12)	ND(8.8) [ND(14)]
3&4-Methylphenol		270	NA	NA	NA
3,3'-Dichlorobenzidine		0.99	ND(13)	ND(12)	ND(8.8) [ND(14)]
3,3'-Dimethylbenzidine		0.048	ND(68)	ND(61)	ND(45) [ND(71)]
3-Methylcholanthrene		0.056	ND(13)	ND(12)	ND(8.8) [ND(14)]
3-Nitroaniline		5.5	ND(68)	ND(61)	ND(45) [ND(71)]
4,6-Dinitro-2-methylphenol		55	ND(68)	ND(61)	ND(45) [ND(71)]
4-Aminobiphenyl		1,400	ND(13)	ND(12)	ND(8.8) [ND(14)]
4-Bromophenyl-phenylether		160	ND(13)	ND(12)	ND(8.8) [ND(14)]
4-Chloro-3-Methylphenol		2,700	ND(13)	ND(12)	ND(8.8) [ND(14)]
4-Chloroaniline		220	ND(13)	ND(12)	ND(8.8) [ND(14)]
4-Chlorobenzilate		1.6	ND(13)	ND(12)	ND(8.8) [ND(14)]
4-Chlorophenyl-phenylether		Not Listed	ND(13)	ND(12)	ND(8.8) [ND(14)]
4-Methylphenol		270	ND(13)	0.26 J	ND(8.8) [ND(14)]
4-Nitroaniline		5.5	ND(68)	ND(61)	ND(45) [ND(71)]
4-Nitrophenol		3,400	ND(68)	ND(61)	ND(45) [ND(71)]
4-Nitroquinoline-1-oxide		110	ND(68)	ND(61)	ND(45) [ND(71)]
4-Phenylenediamine		10,000	ND(270)	ND(240)	ND(180) [ND(280)]
5-Nitro-o-toluidine		13	ND(13)	ND(12)	ND(8.8) [ND(14)]
7,12-Dimethylbenz(a)anthracene		0.056	ND(13)	ND(12)	ND(8.8) [ND(14)]
a,a'-Dimethylphenethylamine		55	ND(13) J	ND(12) J	ND(8.8) J [ND(14) J]
Acenaphthene		2,600	ND(2.7)	ND(2.4)	1.4 J [1.6 J]
Acenaphthylene		55	1.8 J	1.1 J	1.4 J [1.5 J]
Acetophenone		0.49	ND(13)	ND(12)	ND(8.8) [ND(14)]
Aniline		78	ND(13)	ND(12)	ND(8.8) [ND(14)]
Anthracene		14,000	2.0 J	1.4 J	5.1 [4.0]
Aramite		18	ND(13)	ND(12)	ND(8.8) [ND(14)]
Azobenzene		4	ND(2.7)	ND(2.4)	ND(1.8) [ND(2.8)]
Benzidine		0.0019	NA	NA	NA
Benzo(a)anthracene		0.56	6.7	4.3	11 [11]

**TABLE E-123
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-9 & RECREATIONAL AREA 1 (RA-1)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA BH001464 SL-BH001464-0-0000 0-1 04/09/08	EPA BH001464 SL-BH001464-0-0010 1-3 04/09/08	EPA BH001465 SL-BH001465-0-0000 0-1 04/09/08
Semivolatile Organics (continued)					
Benzo(a)pyrene		0.056	5.7	3.2	8.5 [8.6]
Benzo(b)fluoranthene		0.56	11	5.7	11 [11]
Benzo(g,h,i)perylene		55	5.6	3.0	6.6 [7.3]
Benzo(k)fluoranthene		5.6	ND(2.7)	2.1 J	3.8 [6.1]
Benzyl Alcohol		16,000	ND(13)	ND(12)	ND(8.8) [ND(14)]
bis(2-Chloroethoxy)methane		Not Listed	ND(13)	ND(12)	ND(8.8) [ND(14)]
bis(2-Chloroethyl)ether		0.18	ND(2.7)	ND(2.4)	ND(1.8) [ND(2.8)]
bis(2-Chloroisopropyl)ether		2.5	ND(2.7)	ND(2.4)	ND(1.8) [ND(2.8)]
bis(2-Ethylhexyl)phthalate		32	ND(13)	ND(12)	ND(8.8) [4.9 J]
Butylbenzylphthalate		930	ND(13)	ND(12)	ND(8.8) [ND(14)]
Chrysene		56	6.7	4.3	11 [11]
Diallate		7.3	ND(13)	ND(12)	ND(8.8) [ND(14)]
Dibenzo(a,h)anthracene		0.056	1.7 J	1.3 J	2.6 [2.4 J]
Dibenzofuran		210	ND(13)	ND(12)	1.5 J [1.2 J]
Diethylphthalate		44,000	ND(13)	ND(12)	ND(8.8) [ND(14)]
Dimethylphthalate		100,000	ND(13)	ND(12)	ND(8.8) [ND(14)]
Di-n-Butylphthalate		5,500	ND(13)	ND(12)	ND(8.8) [ND(14)]
Di-n-Octylphthalate		1,100	ND(13)	ND(12)	ND(8.8) [7.9 J]
Dinoseb		55	ND(13)	ND(12)	ND(8.8) [ND(14)]
Diphenylamine		1,400	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(13)	ND(12)	ND(8.8) [ND(14)]
Fluoranthene		2,000	14	8.8	27 [24]
Fluorene		1,800	0.68 J	0.63 J	1.5 J [1.6 J]
Hexachlorobenzene		0.28	ND(2.7)	ND(2.4)	ND(1.8) [ND(2.8)]
Hexachlorobutadiene		5.7	ND(2.7)	ND(2.4)	ND(1.8) [ND(2.8)]
Hexachlorocyclopentadiene		380	ND(13)	ND(12)	ND(8.8) [ND(14)]
Hexachloroethane		32	ND(13)	ND(12)	ND(8.8) [ND(14)]
Hexachlorophene		16	NA	NA	NA
Hexachloropropene		Not Listed	ND(13)	ND(12)	ND(8.8) [ND(14)]
Indeno(1,2,3-cd)pyrene		0.56	5.7	3.3	6.6 [7.2]
Isodrin		Not Listed	NA	NA	NA
Isophorone		470	ND(13)	ND(12)	ND(8.8) [ND(14)]
Isosafrole		Not Listed	ND(13)	ND(12)	ND(8.8) [ND(14)]
Methapyrilene		55	ND(13)	ND(12)	ND(8.8) [ND(14)]
Methyl Methanesulfonate		Not Listed	ND(13)	ND(12)	ND(8.8) [ND(14)]
Naphthalene		55	ND(2.7)	ND(2.4)	1.2 J [1.4 J]
Nitrobenzene		16	ND(2.7)	ND(2.4)	ND(1.8) [ND(2.8)]
N-Nitrosodiethylamine		0.003	ND(13)	ND(12)	ND(8.8) [ND(14)]
N-Nitrosodimethylamine		0.0087	ND(13)	ND(12)	ND(8.8) [ND(14)]
N-Nitroso-di-n-butylamine		0.022	ND(13)	ND(12)	ND(8.8) [ND(14)]
N-Nitroso-di-n-propylamine		0.063	ND(2.7)	ND(2.4)	ND(1.8) [ND(2.8)]
N-Nitrosodiphenylamine		91	ND(2.7)	ND(2.4)	ND(1.8) [ND(2.8)]
N-Nitrosomethylethylamine		0.02	ND(13)	ND(12)	ND(8.8) [ND(14)]
N-Nitrosomorpholine		0.21	ND(13)	ND(12)	ND(8.8) [ND(14)]
N-Nitrosopiperidine		0.21	ND(13)	ND(12)	ND(8.8) [ND(14)]
N-Nitrosopyrrolidine		0.21	ND(13)	ND(12)	ND(8.8) [ND(14)]
o,o,o-Triethylphosphorothioate		11	NA	NA	NA
o-Toluidine		1.9	ND(13)	ND(12)	ND(8.8) [ND(14)]
p-Dimethylaminoazobenzene		0.99	ND(13)	ND(12)	ND(8.8) [ND(14)]
Pentachlorobenzene		44	ND(13)	ND(12)	ND(8.8) [ND(14)]
Pentachloroethane		2.8	ND(13)	ND(12)	ND(8.8) [ND(14)]
Pentachloronitrobenzene		1.7	ND(13)	ND(12)	ND(8.8) [ND(14)]
Pentachlorophenol		2.5	ND(13)	ND(12)	ND(8.8) [ND(14)]
Phenacetin		640	ND(13)	ND(12)	ND(8.8) [ND(14)]
Phenanthrene		55	7.6	3.6	23 [19]
Phenol		33,000	ND(2.7)	ND(2.4)	ND(1.8) [ND(2.8)]
Pronamide		4,100	ND(13)	ND(12)	ND(8.8) [ND(14)]

**TABLE E-123
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-9 & RECREATIONAL AREA 1 (RA-1)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA BH001464 SL-BH001464-0-0000 0-1 04/09/08	EPA BH001464 SL-BH001464-0-0010 1-3 04/09/08	EPA BH001465 SL-BH001465-0-0000 0-1 04/09/08
Semivolatile Organics (continued)					
Pyrene		1,500	13	8.9	23 [21]
Pyridine		55	ND(13)	ND(12)	ND(8.8) [ND(14)]
Safrole		Not Listed	ND(13)	ND(12)	ND(8.8) [ND(14)]
Thionazin		330	NA	NA	NA
Furans					
2,3,7,8-TCDF		Not Applicable	NA	NA	NA
TCDFs (total)		Not Applicable	NA	NA	NA
1,2,3,7,8-PeCDF		Not Applicable	NA	NA	NA
2,3,4,7,8-PeCDF		Not Applicable	NA	NA	NA
PeCDFs (total)		Not Applicable	NA	NA	NA
1,2,3,4,7,8-HxCDF		Not Applicable	NA	NA	NA
1,2,3,6,7,8-HxCDF		Not Applicable	NA	NA	NA
1,2,3,7,8,9-HxCDF		Not Applicable	NA	NA	NA
2,3,4,6,7,8-HxCDF		Not Applicable	NA	NA	NA
HxCDFs (total)		Not Applicable	NA	NA	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	NA	NA	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	NA	NA	NA
HpCDFs (total)		Not Applicable	NA	NA	NA
OCDF		Not Applicable	NA	NA	NA
Dioxins					
2,3,7,8-TCDD		Not Applicable	NA	NA	NA
TCDDs (total)		Not Applicable	NA	NA	NA
1,2,3,7,8-PeCDD		Not Applicable	NA	NA	NA
PeCDDs (total)		Not Applicable	NA	NA	NA
1,2,3,4,7,8-HxCDD		Not Applicable	NA	NA	NA
1,2,3,6,7,8-HxCDD		Not Applicable	NA	NA	NA
1,2,3,7,8,9-HxCDD		Not Applicable	NA	NA	NA
HxCDDs (total)		Not Applicable	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	NA	NA	NA
HpCDDs (total)		Not Applicable	NA	NA	NA
OCDD		Not Applicable	NA	NA	NA
Total TEQs (WHO TEFs)		Not Applicable	NA	NA	NA
Inorganics					
Antimony		30	ND(0.130)	ND(0.100)	ND(0.0920) [ND(0.0900)]
Arsenic		0.38	11.5	9.40	7.00 [8.60]
Barium		5,200	122	61.6	74.9 [58.3]
Beryllium		150	0.570	0.360	0.400 [0.490]
Cadmium		37	6.20	5.00	2.80 [2.60]
Chromium		210	55.8	25.0	25.8 [24.1]
Cobalt		3,300	9.90	7.30	9.80 [9.60]
Copper		2,800	451	171	61.6 [63.3]
Lead		400	572	357	263 [237]
Mercury		22	3.30 J	0.650	0.190 J [0.170 J]
Nickel		1,500	45.3	25.6	25.0 [31.1]
Selenium		370	1.90	1.30 J	0.220 [0.320]
Silver		370	5.70	1.70 J	0.440 J [0.380 J]
Thallium		6	ND(0.0900)	ND(0.0690)	ND(0.0620) [ND(0.0610)]
Tin		45,000	47.8	17.7	5.90 [8.10]
Vanadium		520	44.4	14.3	22.4 [18.7]
Zinc		22,000	436	225	202 [211]
Cyanide		11	NA	NA	NA
Sulfide		350	NA	NA	NA

**TABLE E-123
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-9 & RECREATIONAL AREA 1 (RA-1)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA BH001465 SL-BH001465-0-0010 1-3 04/09/08	PDI I9-10-9-SB-2 I9-10-9-SB-2 0-1 06/09/03	PDI I9-10-9-SB-2 I9-10-9-SB-2 1-3 06/09/03
Volatile Organics					
1,1,1,2-Tetrachloroethane		2.8	NA	ND(0.0061)	ND(0.0063)
1,1,1-Trichloroethane		680	NA	ND(0.0061)	ND(0.0063)
1,1,2,2-Tetrachloroethane		0.36	NA	ND(0.0061)	ND(0.0063)
1,1,2-Trichloroethane		0.82	NA	ND(0.0061)	ND(0.0063)
1,1-Dichloroethane		570	NA	ND(0.0061)	ND(0.0063)
1,1-Dichloroethene		0.052	NA	ND(0.0061)	ND(0.0063)
1,2,3-Trichloropropane		0.0014	NA	ND(0.0061)	ND(0.0063)
1,2-Dibromo-3-chloropropane		0.32	NA	ND(0.0061)	ND(0.0063)
1,2-Dibromoethane		0.0049	NA	ND(0.0061)	ND(0.0063)
1,2-Dichloroethane		0.34	NA	ND(0.0061)	ND(0.0063)
1,2-Dichloropropane		0.34	NA	ND(0.0061)	ND(0.0063)
1,4-Dioxane		40	NA	ND(0.12) J	ND(0.12) J
2-Butanone		6,900	NA	ND(0.012)	ND(0.012)
2-Chloro-1,3-butadiene		3.6	NA	ND(0.0061)	ND(0.0063)
2-Chloroethylvinylether		0.18	NA	ND(0.0061)	ND(0.0063)
2-Hexanone		750	NA	ND(0.012)	ND(0.012)
3-Chloropropene		2,700	NA	ND(0.0061)	ND(0.0063)
4-Methyl-2-pentanone		750	NA	ND(0.012)	ND(0.012)
Acetone		1,400	NA	ND(0.024)	ND(0.025)
Acetonitrile		200	NA	ND(0.12) J	ND(0.12) J
Acrolein		0.1	NA	ND(0.12) J	ND(0.12) J
Acrylonitrile		0.19	NA	ND(0.0061)	ND(0.0063)
Benzene		0.62	NA	ND(0.0061)	ND(0.0063)
Bromodichloromethane		0.98	NA	ND(0.0061)	ND(0.0063)
Bromoform		56	NA	ND(0.0061)	ND(0.0063)
Bromomethane		3.8	NA	ND(0.0061)	ND(0.0063)
Carbon Disulfide		350	NA	ND(0.0061) J	ND(0.0063) J
Carbon Tetrachloride		0.23	NA	ND(0.0061)	ND(0.0063)
Chlorobenzene		54	NA	ND(0.0061)	ND(0.0063)
Chloroethane		1,600	NA	ND(0.0061)	ND(0.0063)
Chloroform		0.24	NA	ND(0.0061)	ND(0.0063)
Chloromethane		1.2	NA	ND(0.0061)	ND(0.0063)
cis-1,3-Dichloropropene		Not Listed	NA	ND(0.0061)	ND(0.0063)
Dibromochloromethane		5.3	NA	ND(0.0061)	ND(0.0063)
Dibromomethane		550	NA	ND(0.0061)	ND(0.0063)
Dichlorodifluoromethane		94	NA	ND(0.0061)	ND(0.0063)
Ethyl Methacrylate		140	NA	ND(0.0061)	ND(0.0063)
Ethylbenzene		230	NA	ND(0.0061)	ND(0.0063)
Iodomethane		1.2	NA	ND(0.0061)	ND(0.0063)
Isobutanol		10,000	NA	ND(0.12) J	ND(0.12) J
Methacrylonitrile		1.8	NA	ND(0.0061)	ND(0.0063)
Methyl Methacrylate		2,200	NA	ND(0.0061)	ND(0.0063)
Methylene Chloride		8.5	NA	ND(0.0061)	ND(0.0063)
Propionitrile		200	NA	ND(0.012)	ND(0.012)
Styrene		1,700	NA	ND(0.0061)	ND(0.0063)
Tetrachloroethene		4.7	NA	ND(0.0061)	ND(0.0063)
Toluene		520	NA	ND(0.0061)	ND(0.0063)
trans-1,2-Dichloroethene		62	NA	ND(0.0061)	ND(0.0063)
trans-1,3-Dichloropropene		Not Listed	NA	ND(0.0061)	ND(0.0063)
trans-1,4-Dichloro-2-butene		Not Listed	NA	ND(0.0061)	ND(0.0063)
Trichloroethene		2.7	NA	ND(0.0061)	ND(0.0063)
Trichlorofluoromethane		380	NA	ND(0.0061)	ND(0.0063)
Vinyl Acetate		420	NA	ND(0.0061)	ND(0.0063)
Vinyl Chloride		0.021	NA	ND(0.0061)	ND(0.0063)
Xylenes (total)		210	NA	ND(0.0061)	ND(0.0063)

**TABLE E-123
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-9 & RECREATIONAL AREA 1 (RA-1)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA BH001465 SL-BH001465-0-0010 1-3 04/09/08	PDI I9-10-9-SB-2 I9-10-9-SB-2 0-1 06/09/03	PDI I9-10-9-SB-2 I9-10-9-SB-2 1-3 06/09/03
Semivolatle Organics					
1,2,4,5-Tetrachlorobenzene		16	ND(5.5)	ND(0.41) J	ND(0.42) J
1,2,4-Trichlorobenzene		480	0.27 J	ND(0.41)	ND(0.42)
1,2-Dichlorobenzene		370	ND(1.1)	ND(0.41)	ND(0.42)
1,2-Diphenylhydrazine		0.56	NA	ND(0.41)	ND(0.42)
1,3,5-Trinitrobenzene		1,600	ND(5.5)	ND(0.41)	ND(0.42)
1,3-Dichlorobenzene		41	ND(1.1)	ND(0.41)	ND(0.42)
1,3-Dinitrobenzene		5.5	ND(5.5)	ND(0.82)	ND(0.84)
1,4-Dichlorobenzene		3	ND(1.1)	ND(0.41)	ND(0.42)
1,4-Naphthoquinone		55	ND(5.5)	ND(0.82)	ND(0.84)
1-Naphthylamine		Not Listed	ND(5.5)	ND(0.82)	ND(0.84)
2,3,4,6-Tetrachlorophenol		1,600	ND(5.5)	ND(0.41)	ND(0.42)
2,4,5-Trichlorophenol		5,500	ND(5.5)	ND(0.41)	ND(0.42)
2,4,6-Trichlorophenol		40	ND(5.5)	ND(0.41)	ND(0.42)
2,4-Dichlorophenol		160	ND(1.1)	ND(0.41)	ND(0.42)
2,4-Dimethylphenol		1,100	0.28 J	ND(0.41)	ND(0.42)
2,4-Dinitrophenol		110	ND(28)	ND(2.1) J	ND(2.1) J
2,4-Dinitrotoluene		110	ND(5.5)	ND(0.41)	ND(0.42)
2,6-Dichlorophenol		160	ND(1.1)	ND(0.41)	ND(0.42)
2,6-Dinitrotoluene		55	ND(5.5)	ND(0.41)	ND(0.42)
2-Acetylaminofluorene		0.56	ND(5.5)	ND(0.82)	ND(0.84)
2-Chloronaphthalene		3,700	ND(1.1)	ND(0.41)	ND(0.42)
2-Chlorophenol		59	ND(5.5)	ND(0.41)	ND(0.42)
2-Methylnaphthalene		55	5.2	ND(0.41)	ND(0.42)
2-Methylphenol		2,700	ND(5.5)	ND(0.41)	ND(0.42)
2-Naphthylamine		Not Listed	ND(5.5)	ND(0.82)	ND(0.84)
2-Nitroaniline		3.3	ND(28)	ND(2.1)	ND(2.1)
2-Nitrophenol		Not Listed	ND(5.5)	ND(0.82)	ND(0.84)
2-Picoline		55	ND(5.5)	ND(0.41)	ND(0.42)
3&4-Methylphenol		270	NA	ND(0.82)	ND(0.84)
3,3'-Dichlorobenzidine		0.99	ND(5.5)	ND(0.82)	ND(0.84)
3,3'-Dimethylbenzidine		0.048	ND(28)	ND(0.41)	ND(0.42)
3-Methylcholanthrene		0.056	ND(5.5)	ND(0.82)	ND(0.84)
3-Nitroaniline		5.5	ND(28)	ND(2.1)	ND(2.1)
4,6-Dinitro-2-methylphenol		55	ND(28)	ND(0.41)	ND(0.42)
4-Aminobiphenyl		1,400	ND(5.5)	ND(0.82)	ND(0.84)
4-Bromophenyl-phenylether		160	ND(5.5)	ND(0.41)	ND(0.42)
4-Chloro-3-Methylphenol		2,700	ND(5.5)	ND(0.41)	ND(0.42)
4-Chloroaniline		220	ND(5.5)	ND(0.41)	ND(0.42)
4-Chlorobenzilate		1.6	ND(5.5)	ND(0.82)	ND(0.84)
4-Chlorophenyl-phenylether		Not Listed	ND(5.5)	ND(0.41)	ND(0.42)
4-Methylphenol		270	0.69 J	NA	NA
4-Nitroaniline		5.5	ND(28)	ND(2.1)	ND(2.1)
4-Nitrophenol		3,400	ND(28)	ND(2.1) J	ND(2.1) J
4-Nitroquinoline-1-oxide		110	ND(28)	ND(0.82)	ND(0.84)
4-Phenylenediamine		10,000	ND(110)	ND(0.82)	ND(0.84)
5-Nitro-o-toluidine		13	ND(5.5)	ND(0.82)	ND(0.84)
7,12-Dimethylbenz(a)anthracene		0.056	ND(5.5)	ND(0.82)	ND(0.84)
a,a'-Dimethylphenethylamine		55	ND(5.5) J	ND(0.82)	ND(0.84)
Acenaphthene		2,600	9.2	ND(0.41)	0.29 J
Acenaphthylene		55	2.9	ND(0.41)	0.16 J
Acetophenone		0.49	ND(5.5)	ND(0.41)	ND(0.42)
Aniline		78	6.0	ND(0.41)	ND(0.42)
Anthracene		14000	17	0.17 J	0.67
Aramite		18	ND(5.5)	ND(0.82)	ND(0.84)
Azobenzene		4	ND(1.1)	NA	NA
Benzidine		0.0019	NA	ND(0.82)	ND(0.84)
Benzo(a)anthracene		0.56	30	0.82	1.3

**TABLE E-123
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-9 & RECREATIONAL AREA 1 (RA-1)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA BH001465 SL-BH001465-0-0010 1-3 04/09/08	PDI I9-10-9-SB-2 I9-10-9-SB-2 0-1 06/09/03	PDI I9-10-9-SB-2 I9-10-9-SB-2 1-3 06/09/03
Semivolatile Organics (continued)					
Benzo(a)pyrene		0.056	23	0.68	1.0
Benzo(b)fluoranthene		0.56	26	1.0	1.4
Benzo(g,h,i)perylene		55	15	ND(0.41)	0.74
Benzo(k)fluoranthene		5.6	15	0.38 J	0.51
Benzyl Alcohol		16,000	ND(5.5)	ND(0.82) J	ND(0.84) J
bis(2-Chloroethoxy)methane		Not Listed	ND(5.5)	ND(0.41)	ND(0.42)
bis(2-Chloroethyl)ether		0.18	ND(1.1)	ND(0.41)	ND(0.42)
bis(2-Chloroisopropyl)ether		2.5	ND(1.1)	ND(0.41)	ND(0.42)
bis(2-Ethylhexyl)phthalate		32	ND(5.5)	0.35 J	0.73
Butylbenzylphthalate		930	ND(5.5)	1.2	0.75
Chrysene		56	29	0.95	1.4
Diallate		7.3	ND(5.5)	ND(0.82)	ND(0.84)
Dibenzo(a,h)anthracene		0.056	4.7	ND(0.41)	ND(0.42)
Dibenzofuran		210	11	ND(0.41)	0.30 J
Diethylphthalate		44,000	ND(5.5)	ND(0.41)	ND(0.42)
Dimethylphthalate		100,000	ND(5.5)	ND(0.41)	ND(0.42)
Di-n-Butylphthalate		5,500	ND(5.5)	ND(0.41)	ND(0.42)
Di-n-Octylphthalate		1,100	ND(5.5)	ND(0.41)	ND(0.42)
Dinoseb		55	ND(5.5)	NA	NA
Diphenylamine		1,400	NA	ND(0.41)	ND(0.42)
Ethyl Methanesulfonate		Not Listed	ND(5.5)	ND(0.41)	ND(0.42)
Fluoranthene		2,000	100	1.9	3.4
Fluorene		1,800	11	ND(0.41)	0.28 J
Hexachlorobenzene		0.28	ND(1.1)	ND(0.41)	ND(0.42)
Hexachlorobutadiene		5.7	ND(1.1)	ND(0.41)	ND(0.42)
Hexachlorocyclopentadiene		380	ND(5.5)	ND(0.41) J	ND(0.42) J
Hexachloroethane		32	ND(5.5)	ND(0.41)	ND(0.42)
Hexachlorophene		16	NA	ND(0.82) J	ND(0.84) J
Hexachloropropene		Not Listed	ND(5.5)	ND(0.41)	ND(0.42)
Indeno(1,2,3-cd)pyrene		0.56	14	0.51	0.63
Isodrin		Not Listed	NA	ND(0.41)	ND(0.42)
Isophorone		470	ND(5.5)	ND(0.41)	ND(0.42)
Isosafrole		Not Listed	ND(5.5)	ND(0.82)	ND(0.84)
Methapyrilene		55	ND(5.5)	ND(0.82)	ND(0.84)
Methyl Methanesulfonate		Not Listed	ND(5.5)	ND(0.41)	ND(0.42)
Naphthalene		55	13	ND(0.41)	0.30 J
Nitrobenzene		16	ND(1.1)	ND(0.41)	ND(0.42)
N-Nitrosodiethylamine		0.003	ND(5.5)	ND(0.41)	ND(0.42)
N-Nitrosodimethylamine		0.0087	ND(5.5)	ND(0.41)	ND(0.42)
N-Nitroso-di-n-butylamine		0.022	ND(5.5)	ND(0.82)	ND(0.84)
N-Nitroso-di-n-propylamine		0.063	ND(1.1)	ND(0.41)	ND(0.42)
N-Nitrosodiphenylamine		91	ND(1.1)	ND(0.41)	ND(0.42)
N-Nitrosomethylethylamine		0.02	ND(5.5)	ND(0.82)	ND(0.84)
N-Nitrosomorpholine		0.21	ND(5.5)	ND(0.41)	ND(0.42)
N-Nitrosopiperidine		0.21	ND(5.5)	ND(0.41)	ND(0.42)
N-Nitrosopyrrolidine		0.21	ND(5.5)	ND(0.82)	ND(0.84)
o,o,o-Triethylphosphorothioate		11	NA	ND(0.41) J	ND(0.42) J
o-Toluidine		1.9	ND(5.5)	ND(0.41)	ND(0.42)
p-Dimethylaminoazobenzene		0.99	ND(5.5)	ND(0.82)	ND(0.84)
Pentachlorobenzene		44	ND(5.5)	ND(0.41) J	ND(0.42) J
Pentachloroethane		2.8	ND(5.5)	ND(0.41)	ND(0.42)
Pentachloronitrobenzene		1.7	ND(5.5)	ND(0.82)	ND(0.84)
Pentachlorophenol		2.5	ND(5.5)	ND(2.1)	ND(2.1)
Phenacetin		640	ND(5.5)	ND(0.82)	ND(0.84)
Phenanthrene		55	120	0.90	2.9
Phenol		33,000	1.2	ND(0.41)	ND(0.42)
Pronamide		4,100	ND(5.5)	ND(0.41)	ND(0.42)

**TABLE E-123
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-9 & RECREATIONAL AREA 1 (RA-1)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA BH001465 SL-BH001465-0-0010 1-3 04/09/08	PDI I9-10-9-SB-2 I9-10-9-SB-2 0-1 06/09/03	PDI I9-10-9-SB-2 I9-10-9-SB-2 1-3 06/09/03
Semivolatile Organics (continued)					
Pyrene		1,500	74	1.4	2.7
Pyridine		55	ND(5.5)	ND(0.41)	ND(0.42)
Safrole		Not Listed	ND(5.5)	ND(0.41)	ND(0.42)
Thionazin		330	NA	ND(0.41)	ND(0.42)
Furans					
2,3,7,8-TCDF		Not Applicable	NA	0.0000039 Y	0.0000055 Y
TCDFs (total)		Not Applicable	NA	0.000075 I	0.000077 I
1,2,3,7,8-PeCDF		Not Applicable	NA	0.0000020	0.0000021
2,3,4,7,8-PeCDF		Not Applicable	NA	0.0000033	0.0000026
PeCDFs (total)		Not Applicable	NA	0.00012 I	0.000068 I
1,2,3,4,7,8-HxCDF		Not Applicable	NA	0.0000050	0.0000034
1,2,3,6,7,8-HxCDF		Not Applicable	NA	0.0000051	0.0000022
1,2,3,7,8,9-HxCDF		Not Applicable	NA	ND(0.0000021)	ND(0.0000013)
2,3,4,6,7,8-HxCDF		Not Applicable	NA	0.0000039	0.0000016
HxCDFs (total)		Not Applicable	NA	0.00011 I	0.000043 I
1,2,3,4,6,7,8-HpCDF		Not Applicable	NA	0.000044	0.000014
1,2,3,4,7,8,9-HpCDF		Not Applicable	NA	0.0000031	ND(0.0000069) X
HpCDFs (total)		Not Applicable	NA	0.00011	0.000033
OCDF		Not Applicable	NA	0.000080 J	0.000025
Dioxins					
2,3,7,8-TCDD		Not Applicable	NA	ND(0.0000013)	ND(0.0000010)
TCDDs (total)		Not Applicable	NA	0.0000027	0.0000016
1,2,3,7,8-PeCDD		Not Applicable	NA	ND(0.0000013) X	ND(0.00000050)
PeCDDs (total)		Not Applicable	NA	ND(0.0000057)	ND(0.0000054)
1,2,3,4,7,8-HxCDD		Not Applicable	NA	0.0000045	0.0000020
1,2,3,6,7,8-HxCDD		Not Applicable	NA	0.0000086	0.0000023
1,2,3,7,8,9-HxCDD		Not Applicable	NA	0.0000084	0.0000022
HxCDDs (total)		Not Applicable	NA	0.000053	0.000012
1,2,3,4,6,7,8-HpCDD		Not Applicable	NA	0.00019	0.000052
HpCDDs (total)		Not Applicable	NA	0.00035	0.000099
OCDD		Not Applicable	NA	0.0012 J	0.00034
Total TEQs (WHO TEFs)		Not Applicable	NA	0.0000090	0.0000041
Inorganics					
Antimony		30	ND(0.110)	1.90 B	1.50 B
Arsenic		0.38	14.6	6.10	11.0
Barium		5,200	119	42.0 J	71.0 J
Beryllium		150	0.520	ND(0.500)	ND(0.500)
Cadmium		37	4.70	2.00	1.30
Chromium		210	82.5	18.0	17.0
Cobalt		3,300	11.0	7.20	11.0
Copper		2,800	142	43.0	45.0
Lead		400	585	100	130
Mercury		22	1.10 J	0.160	0.240
Nickel		1,500	39.0	16.0	17.0
Selenium		370	1.30	ND(1.00) J	ND(1.00) J
Silver		370	3.00 J	ND(1.00)	ND(1.00)
Thallium		6	ND(0.0750)	ND(1.20)	ND(1.20)
Tin		45,000	20.9	ND(10.0)	ND(10.0)
Vanadium		520	24.6	12.0	15.0
Zinc		22,000	252	230	300
Cyanide		11	NA	0.240	0.290
Sulfide		350	NA	31.0	23.0

TABLE E-123
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-9 & RECREATIONAL AREA 1 (RA-1)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-1-SB-3 RA-1-SB-3 0-1 06/09/03	PDI RA-1-SB-3 RA-1-SB-3 1-3 06/09/03
Volatile Organics				
1,1,1,2-Tetrachloroethane		2.8	ND(0.0058)	ND(0.0056) [ND(0.0057)]
1,1,1-Trichloroethane		680	ND(0.0058)	ND(0.0056) [ND(0.0057)]
1,1,2,2-Tetrachloroethane		0.36	ND(0.0058)	ND(0.0056) [ND(0.0057)]
1,1,2-Trichloroethane		0.82	ND(0.0058)	ND(0.0056) [ND(0.0057)]
1,1-Dichloroethane		570	ND(0.0058)	ND(0.0056) [ND(0.0057)]
1,1-Dichloroethene		0.052	ND(0.0058)	ND(0.0056) [ND(0.0057)]
1,2,3-Trichloropropane		0.0014	ND(0.0058)	ND(0.0056) [ND(0.0057)]
1,2-Dibromo-3-chloropropane		0.32	ND(0.0058)	ND(0.0056) [ND(0.0057)]
1,2-Dibromoethane		0.0049	ND(0.0058)	ND(0.0056) [ND(0.0057)]
1,2-Dichloroethane		0.34	ND(0.0058)	ND(0.0056) [ND(0.0057)]
1,2-Dichloropropane		0.34	ND(0.0058)	ND(0.0056) [ND(0.0057)]
1,4-Dioxane		40	ND(0.12) J	ND(0.11) J [ND(0.11) J]
2-Butanone		6,900	ND(0.012)	ND(0.011) [ND(0.011)]
2-Chloro-1,3-butadiene		3.6	ND(0.0058)	ND(0.0056) [ND(0.0057)]
2-Chloroethylvinylether		0.18	ND(0.0058)	ND(0.0056) [ND(0.0057)]
2-Hexanone		750	ND(0.012)	ND(0.011) [ND(0.011)]
3-Chloropropene		2,700	ND(0.0058)	ND(0.0056) [ND(0.0057)]
4-Methyl-2-pentanone		750	ND(0.012)	ND(0.011) [ND(0.011)]
Acetone		1,400	ND(0.023)	ND(0.022) [ND(0.023)]
Acetonitrile		200	ND(0.12) J	ND(0.11) J [ND(0.11) J]
Acrolein		0.1	ND(0.12) J	ND(0.11) J [ND(0.11) J]
Acrylonitrile		0.19	ND(0.0058)	ND(0.0056) [ND(0.0057)]
Benzene		0.62	ND(0.0058)	ND(0.0056) [ND(0.0057)]
Bromodichloromethane		0.98	ND(0.0058)	ND(0.0056) [ND(0.0057)]
Bromoform		56	ND(0.0058)	ND(0.0056) [ND(0.0057)]
Bromomethane		3.8	ND(0.0058)	ND(0.0056) [ND(0.0057)]
Carbon Disulfide		350	ND(0.0058) J	ND(0.0056) J [ND(0.0057) J]
Carbon Tetrachloride		0.23	ND(0.0058)	ND(0.0056) [ND(0.0057)]
Chlorobenzene		54	ND(0.0058)	ND(0.0056) [ND(0.0057)]
Chloroethane		1,600	ND(0.0058)	ND(0.0056) [ND(0.0057)]
Chloroform		0.24	ND(0.0058)	ND(0.0056) [ND(0.0057)]
Chloromethane		1.2	ND(0.0058)	ND(0.0056) [ND(0.0057)]
cis-1,3-Dichloropropene		Not Listed	ND(0.0058)	ND(0.0056) [ND(0.0057)]
Dibromochloromethane		5.3	ND(0.0058)	ND(0.0056) [ND(0.0057)]
Dibromomethane		550	ND(0.0058)	ND(0.0056) [ND(0.0057)]
Dichlorodifluoromethane		94	ND(0.0058)	ND(0.0056) [ND(0.0057)]
Ethyl Methacrylate		140	ND(0.0058)	ND(0.0056) [ND(0.0057)]
Ethylbenzene		230	ND(0.0058)	ND(0.0056) [ND(0.0057)]
Iodomethane		1.2	ND(0.0058)	ND(0.0056) [ND(0.0057)]
Isobutanol		10,000	ND(0.12) J	ND(0.11) J [ND(0.11) J]
Methacrylonitrile		1.8	ND(0.0058)	ND(0.0056) [ND(0.0057)]
Methyl Methacrylate		2,200	ND(0.0058)	ND(0.0056) [ND(0.0057)]
Methylene Chloride		8.5	ND(0.0058)	ND(0.0056) [ND(0.0057)]
Propionitrile		200	ND(0.012)	ND(0.011) [ND(0.011)]
Styrene		1,700	ND(0.0058)	ND(0.0056) [ND(0.0057)]
Tetrachloroethene		4.7	ND(0.0058)	ND(0.0056) [ND(0.0057)]
Toluene		520	ND(0.0058)	ND(0.0056) [ND(0.0057)]
trans-1,2-Dichloroethene		62	ND(0.0058)	ND(0.0056) [ND(0.0057)]
trans-1,3-Dichloropropene		Not Listed	ND(0.0058)	ND(0.0056) [ND(0.0057)]
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0058)	ND(0.0056) [ND(0.0057)]
Trichloroethene		2.7	ND(0.0058)	ND(0.0056) [ND(0.0057)]
Trichlorofluoromethane		380	ND(0.0058)	ND(0.0056) [ND(0.0057)]
Vinyl Acetate		420	ND(0.0058)	ND(0.0056) [ND(0.0057)]
Vinyl Chloride		0.021	ND(0.0058)	ND(0.0056) [ND(0.0057)]
Xylenes (total)		210	ND(0.0058)	ND(0.0056) [ND(0.0057)]

**TABLE E-123
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-9 & RECREATIONAL AREA 1 (RA-1)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-1-SB-3 RA-1-SB-3 0-1 06/09/03	PDI RA-1-SB-3 RA-1-SB-3 1-3 06/09/03
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene		16	ND(0.38) J	ND(0.37) J [ND(0.38) J]
1,2,4-Trichlorobenzene		480	ND(0.38)	ND(0.37) [ND(0.38)]
1,2-Dichlorobenzene		370	ND(0.38)	ND(0.37) [ND(0.38)]
1,2-Diphenylhydrazine		0.56	ND(0.38)	ND(0.37) [ND(0.38)]
1,3,5-Trinitrobenzene		1,600	ND(0.38)	ND(0.37) [ND(0.38)]
1,3-Dichlorobenzene		41	ND(0.38)	ND(0.37) [ND(0.38)]
1,3-Dinitrobenzene		5.5	ND(0.77)	ND(0.75) [ND(0.76)]
1,4-Dichlorobenzene		3	ND(0.38)	ND(0.37) [ND(0.38)]
1,4-Naphthoquinone		55	ND(0.77)	ND(0.75) [ND(0.76)]
1-Naphthylamine		Not Listed	ND(0.77)	ND(0.75) [ND(0.76)]
2,3,4,6-Tetrachlorophenol		1,600	ND(0.38)	ND(0.37) [ND(0.38)]
2,4,5-Trichlorophenol		5,500	ND(0.38)	ND(0.37) [ND(0.38)]
2,4,6-Trichlorophenol		40	ND(0.38)	ND(0.37) [ND(0.38)]
2,4-Dichlorophenol		160	ND(0.38)	ND(0.37) [ND(0.38)]
2,4-Dimethylphenol		1,100	ND(0.38)	ND(0.37) [ND(0.38)]
2,4-Dinitrophenol		110	ND(2.0) J	ND(1.9) J [ND(1.9) J]
2,4-Dinitrotoluene		110	ND(0.38)	ND(0.37) [ND(0.38)]
2,6-Dichlorophenol		160	ND(0.38)	ND(0.37) [ND(0.38)]
2,6-Dinitrotoluene		55	ND(0.38)	ND(0.37) [ND(0.38)]
2-Acetylamino fluorene		0.56	ND(0.77)	ND(0.75) [ND(0.76)]
2-Chloronaphthalene		3,700	ND(0.38)	ND(0.37) [ND(0.38)]
2-Chlorophenol		59	ND(0.38)	ND(0.37) [ND(0.38)]
2-Methylnaphthalene		55	ND(0.38)	ND(0.37) [ND(0.38)]
2-Methylphenol		2,700	ND(0.38)	ND(0.37) [ND(0.38)]
2-Naphthylamine		Not Listed	ND(0.77)	ND(0.75) [ND(0.76)]
2-Nitroaniline		3.3	ND(2.0)	ND(1.9) [ND(1.9)]
2-Nitrophenol		Not Listed	ND(0.77)	ND(0.75) [ND(0.76)]
2-Picoline		55	ND(0.38)	ND(0.37) [ND(0.38)]
3&4-Methylphenol		270	ND(0.77)	ND(0.75) [ND(0.76)]
3,3'-Dichlorobenzidine		0.99	ND(0.77)	ND(0.75) [ND(0.76)]
3,3'-Dimethylbenzidine		0.048	ND(0.38)	ND(0.37) [ND(0.38)]
3-Methylcholanthrene		0.056	ND(0.77)	ND(0.75) [ND(0.76)]
3-Nitroaniline		5.5	ND(2.0)	ND(1.9) [ND(1.9)]
4,6-Dinitro-2-methylphenol		55	ND(0.38)	ND(0.37) [ND(0.38)]
4-Aminobiphenyl		1,400	ND(0.77)	ND(0.75) [ND(0.76)]
4-Bromophenyl-phenylether		160	ND(0.38)	ND(0.37) [ND(0.38)]
4-Chloro-3-Methylphenol		2,700	ND(0.38)	ND(0.37) [ND(0.38)]
4-Chloroaniline		220	ND(0.38)	ND(0.37) [ND(0.38)]
4-Chlorobenzilate		1.6	ND(0.77)	ND(0.75) [ND(0.76)]
4-Chlorophenyl-phenylether		Not Listed	ND(0.38)	ND(0.37) [ND(0.38)]
4-Methylphenol		270	NA	NA
4-Nitroaniline		5.5	ND(2.0)	ND(1.9) [ND(1.9)]
4-Nitrophenol		3,400	ND(2.0) J	ND(1.9) J [ND(1.9) J]
4-Nitroquinoline-1-oxide		110	ND(0.77)	ND(0.75) [ND(0.76)]
4-Phenylenediamine		10,000	ND(0.77)	ND(0.75) [ND(0.76)]
5-Nitro-o-toluidine		13	ND(0.77)	ND(0.75) [ND(0.76)]
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.77)	ND(0.75) [ND(0.76)]
a,a'-Dimethylphenethylamine		55	ND(0.77)	ND(0.75) [ND(0.76)]
Acenaphthene		2,600	ND(0.38)	ND(0.37) [ND(0.38)]
Acenaphthylene		55	0.079 J	0.40 [0.14 J]
Acetophenone		0.49	ND(0.38)	ND(0.37) [ND(0.38)]
Aniline		78	ND(0.38)	ND(0.37) [ND(0.38)]
Anthracene		14,000	0.13 J	0.48 [0.16 J]
Aramite		18	ND(0.77)	ND(0.75) [ND(0.76)]
Azobenzene		4	NA	NA
Benzidine		0.0019	ND(0.77)	ND(0.75) [ND(0.76)]
Benzo(a)anthracene		0.56	0.44	1.3 J [0.45 J]

**TABLE E-123
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-9 & RECREATIONAL AREA 1 (RA-1)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-1-SB-3 RA-1-SB-3 0-1 06/09/03	PDI RA-1-SB-3 RA-1-SB-3 1-3 06/09/03
Semivolatile Organics (continued)				
Benzo(a)pyrene		0.056	0.36 J	0.40 J [0.40 J]
Benzo(b)fluoranthene		0.56	0.40	1.5 J [0.58 J]
Benzo(g,h,i)perylene		55	0.32 J	1.2 J [0.36 J]
Benzo(k)fluoranthene		5.6	0.19 J	0.52 J [0.19 J]
Benzyl Alcohol		16,000	ND(0.77) J	ND(0.75) J [ND(0.76) J]
bis(2-Chloroethoxy)methane		Not Listed	ND(0.38)	ND(0.37) [ND(0.38)]
bis(2-Chloroethyl)ether		0.18	ND(0.38)	ND(0.37) [ND(0.38)]
bis(2-Chloroisopropyl)ether		2.5	ND(0.38)	ND(0.37) [ND(0.38)]
bis(2-Ethylhexyl)phthalate		32	0.18 J	ND(0.37) [ND(0.38)]
Butylbenzylphthalate		930	ND(0.38)	ND(0.37) [ND(0.38)]
Chrysene		56	0.52	1.3 J [0.45 J]
Diallate		7.3	ND(0.77)	ND(0.75) [ND(0.76)]
Dibenzo(a,h)anthracene		0.056	ND(0.38)	0.30 J [ND(0.38)]
Dibenzofuran		210	ND(0.38)	ND(0.37) [ND(0.38)]
Diethylphthalate		44,000	ND(0.38)	ND(0.37) [ND(0.38)]
Dimethylphthalate		100,000	ND(0.38)	ND(0.37) [ND(0.38)]
Di-n-Butylphthalate		5,500	ND(0.38)	ND(0.37) [ND(0.38)]
Di-n-Octylphthalate		1,100	ND(0.38)	ND(0.37) [ND(0.38)]
Dinoseb		55	NA	NA
Diphenylamine		1,400	ND(0.38)	ND(0.37) [ND(0.38)]
Ethyl Methanesulfonate		Not Listed	ND(0.38)	ND(0.37) [ND(0.38)]
Fluoranthene		2,000	1.1	2.4 J [0.90 J]
Fluorene		1,800	ND(0.38)	0.094 J [ND(0.38)]
Hexachlorobenzene		0.28	ND(0.38)	ND(0.37) [ND(0.38)]
Hexachlorobutadiene		5.7	ND(0.38)	ND(0.37) [ND(0.38)]
Hexachlorocyclopentadiene		380	ND(0.38) J	ND(0.37) J [ND(0.38) J]
Hexachloroethane		32	ND(0.38)	ND(0.37) [ND(0.38)]
Hexachlorophene		16	ND(0.77) J	ND(0.75) J [ND(0.76) J]
Hexachloropropene		Not Listed	ND(0.38)	ND(0.37) [ND(0.38)]
Indeno(1,2,3-cd)pyrene		0.56	0.30 J	0.89 [0.31 J]
Isodrin		Not Listed	ND(0.38)	ND(0.37) [ND(0.38)]
Isophorone		470	ND(0.38)	ND(0.37) [ND(0.38)]
Isosafrole		Not Listed	ND(0.77)	ND(0.75) [ND(0.76)]
Methapyrilene		55	ND(0.77)	ND(0.75) [ND(0.76)]
Methyl Methanesulfonate		Not Listed	ND(0.38)	ND(0.37) [ND(0.38)]
Naphthalene		55	ND(0.38)	ND(0.37) [ND(0.38)]
Nitrobenzene		16	ND(0.38)	ND(0.37) [ND(0.38)]
N-Nitrosodiethylamine		0.003	ND(0.38)	ND(0.37) [ND(0.38)]
N-Nitrosodimethylamine		0.0087	ND(0.38)	ND(0.37) [ND(0.38)]
N-Nitroso-di-n-butylamine		0.022	ND(0.77)	ND(0.75) [ND(0.76)]
N-Nitroso-di-n-propylamine		0.063	ND(0.38)	ND(0.37) [ND(0.38)]
N-Nitrosodiphenylamine		91	ND(0.38)	ND(0.37) [ND(0.38)]
N-Nitrosomethylethylamine		0.02	ND(0.77)	ND(0.75) [ND(0.76)]
N-Nitrosomorpholine		0.21	ND(0.38)	ND(0.37) [ND(0.38)]
N-Nitrosopiperidine		0.21	ND(0.38)	ND(0.37) [ND(0.38)]
N-Nitrosopyrrolidine		0.21	ND(0.77)	ND(0.75) [ND(0.76)]
o,o,o-Triethylphosphorothioate		11	ND(0.38) J	ND(0.37) J [ND(0.38) J]
o-Toluidine		1.9	ND(0.38)	ND(0.37) [ND(0.38)]
p-Dimethylaminoazobenzene		0.99	ND(0.77)	ND(0.75) [ND(0.76)]
Pentachlorobenzene		44	ND(0.38) J	ND(0.37) J [ND(0.38) J]
Pentachloroethane		2.8	ND(0.38)	ND(0.37) [ND(0.38)]
Pentachloronitrobenzene		1.7	ND(0.77)	ND(0.75) [ND(0.76)]
Pentachlorophenol		2.5	ND(2.0)	ND(1.9) [ND(1.9)]
Phenacetin		640	ND(0.77)	ND(0.75) [ND(0.76)]
Phenanthrene		55	0.56	1.5 J [0.51 J]
Phenol		33,000	ND(0.38)	ND(0.37) [ND(0.38)]
Pronamide		4,100	ND(0.38)	ND(0.37) [ND(0.38)]

TABLE E-123
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-9 & RECREATIONAL AREA 1 (RA-1)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-1-SB-3 RA-1-SB-3 0-1 06/09/03	PDI RA-1-SB-3 RA-1-SB-3 1-3 06/09/03
Semivolatile Organics (continued)				
Pyrene		1,500	0.92	2.1 J [0.75 J]
Pyridine		55	ND(0.38)	ND(0.37) [ND(0.38)]
Safrole		Not Listed	ND(0.38)	ND(0.37) [ND(0.38)]
Thionazin		330	ND(0.38)	ND(0.37) [ND(0.38)]
Furans				
2,3,7,8-TCDF		Not Applicable	0.000040 Y	0.000010 Y [0.000014 Y]
TCDFs (total)		Not Applicable	0.000061 I	0.00012 I [0.00019 I]
1,2,3,7,8-PeCDF		Not Applicable	0.000015	0.000036 [0.000048]
2,3,4,7,8-PeCDF		Not Applicable	0.000024	0.000040 [0.000056]
PeCDFs (total)		Not Applicable	0.00010 I	0.00015 I [0.00021 I]
1,2,3,4,7,8-HxCDF		Not Applicable	0.000032	0.000053 [0.000072]
1,2,3,6,7,8-HxCDF		Not Applicable	0.000026	0.000036 [0.000044]
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.00000040)	ND(0.00000080) [ND(0.00000080)]
2,3,4,6,7,8-HxCDF		Not Applicable	0.000023	0.000024 [0.000037]
HxCDFs (total)		Not Applicable	0.000069 I	0.000080 I [0.000098 I]
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000015	0.000011 [0.000018]
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.000010	0.0000095 [0.000014]
HpCDFs (total)		Not Applicable	0.000017	0.000023 [0.000036]
OCDF		Not Applicable	0.000016	0.000082 [0.00012]
Dioxins				
2,3,7,8-TCDD		Not Applicable	ND(0.00000080)	ND(0.0000010) [ND(0.0000012)]
TCDDs (total)		Not Applicable	0.000011	0.000020 J [0.000036 J]
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000020)	ND(0.00000050) [ND(0.00000070)]
PeCDDs (total)		Not Applicable	ND(0.0000031)	ND(0.0000038) [ND(0.0000059)]
1,2,3,4,7,8-HxCDD		Not Applicable	0.000020	ND(0.0000014) X [ND(0.0000014) X]
1,2,3,6,7,8-HxCDD		Not Applicable	0.000019	0.0000070 [0.0000072]
1,2,3,7,8,9-HxCDD		Not Applicable	0.000017	ND(0.0000040) X [ND(0.0000044) X]
HxCDDs (total)		Not Applicable	0.000012	0.000026 [0.000039]
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000036	0.000012 [0.000013]
HpCDDs (total)		Not Applicable	0.000074	0.000024 [0.000025]
OCDD		Not Applicable	0.00028	0.000079 [0.000073]
Total TEQs (WHO TEFs)		Not Applicable	0.000037	0.000048 [0.000066]
Inorganics				
Antimony		30	1.20 B	0.820 B [1.20 B]
Arsenic		0.38	3.30	7.40 [7.30]
Barium		5,200	32.0 J	34.0 J [74.0 J]
Beryllium		150	ND(0.500)	ND(0.500) [ND(0.500)]
Cadmium		37	0.610	0.440 B [0.450 B]
Chromium		210	13.0	7.80 [7.70]
Cobalt		3,300	6.40	7.30 [6.90]
Copper		2,800	31.0	32.0 [28.0]
Lead		400	80.0	64.0 [65.0]
Mercury		22	0.0490 B	0.100 B [0.0700 B]
Nickel		1,500	12.0	11.0 [11.0]
Selenium		370	ND(1.00) J	ND(1.00) J [ND(1.00) J]
Silver		370	ND(1.00)	ND(1.00) [ND(1.00)]
Thallium		6	ND(1.20)	ND(2.20) [ND(1.10)]
Tin		45,000	ND(13.0)	ND(10.0) [ND(10.0)]
Vanadium		520	10.0	7.60 [7.50]
Zinc		22,000	150	72.0 [71.0]
Cyanide		11	0.540	0.180 [0.120]
Sulfide		350	440	7.10 [7.30]

**TABLE E-123
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-9 & RECREATIONAL AREA 1 (RA-1)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-1-SB-6 RA-1-SB-6 0-1 06/10/03	PDI RA-1-SB-6 RA-1-SB-6 1-3 06/10/03
Volatile Organics				
1,1,1,2-Tetrachloroethane		2.8	ND(0.0059)	ND(0.0054)
1,1,1-Trichloroethane		680	ND(0.0059)	ND(0.0054)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0059)	ND(0.0054)
1,1,2-Trichloroethane		0.82	ND(0.0059)	ND(0.0054)
1,1-Dichloroethane		570	ND(0.0059)	ND(0.0054)
1,1-Dichloroethene		0.052	ND(0.0059)	ND(0.0054)
1,2,3-Trichloropropane		0.0014	ND(0.0059)	ND(0.0054)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0059)	ND(0.0054)
1,2-Dibromoethane		0.0049	ND(0.0059)	ND(0.0054)
1,2-Dichloroethane		0.34	ND(0.0059)	ND(0.0054)
1,2-Dichloropropane		0.34	ND(0.0059)	ND(0.0054)
1,4-Dioxane		40	ND(0.12) J	ND(0.11) J
2-Butanone		6,900	ND(0.012)	ND(0.011)
2-Chloro-1,3-butadiene		3.6	ND(0.0059)	ND(0.0054)
2-Chloroethylvinylether		0.18	ND(0.0059)	ND(0.0054)
2-Hexanone		750	ND(0.012)	ND(0.011)
3-Chloropropene		2,700	ND(0.0059)	ND(0.0054)
4-Methyl-2-pentanone		750	ND(0.012)	ND(0.011)
Acetone		1,400	ND(0.023)	ND(0.022)
Acetonitrile		200	ND(0.12) J	ND(0.11) J
Acrolein		0.1	ND(0.12) J	ND(0.11) J
Acrylonitrile		0.19	ND(0.0059)	ND(0.0054)
Benzene		0.62	ND(0.0059)	ND(0.0054)
Bromodichloromethane		0.98	ND(0.0059)	ND(0.0054)
Bromoform		56	ND(0.0059)	ND(0.0054)
Bromomethane		3.8	ND(0.0059)	ND(0.0054)
Carbon Disulfide		350	ND(0.0059) J	ND(0.0054) J
Carbon Tetrachloride		0.23	ND(0.0059)	ND(0.0054)
Chlorobenzene		54	ND(0.0059)	ND(0.0054)
Chloroethane		1,600	ND(0.0059)	ND(0.0054)
Chloroform		0.24	ND(0.0059)	ND(0.0054)
Chloromethane		1.2	ND(0.0059)	ND(0.0054)
cis-1,3-Dichloropropene		Not Listed	ND(0.0059)	ND(0.0054)
Dibromochloromethane		5.3	ND(0.0059)	ND(0.0054)
Dibromomethane		550	ND(0.0059)	ND(0.0054)
Dichlorodifluoromethane		94	ND(0.0059)	ND(0.0054)
Ethyl Methacrylate		140	ND(0.0059)	ND(0.0054)
Ethylbenzene		230	ND(0.0059)	ND(0.0054)
Iodomethane		1.2	ND(0.0059)	ND(0.0054)
Isobutanol		10,000	ND(0.12) J	ND(0.11) J
Methacrylonitrile		1.8	ND(0.0059)	ND(0.0054)
Methyl Methacrylate		2,200	ND(0.0059)	ND(0.0054)
Methylene Chloride		8.5	ND(0.0059)	ND(0.0054)
Propionitrile		200	ND(0.012)	ND(0.011)
Styrene		1,700	ND(0.0059)	ND(0.0054)
Tetrachloroethene		4.7	ND(0.0059)	ND(0.0054)
Toluene		520	ND(0.0059)	ND(0.0054)
trans-1,2-Dichloroethene		62	ND(0.0059)	ND(0.0054)
trans-1,3-Dichloropropene		Not Listed	ND(0.0059)	ND(0.0054)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0059)	ND(0.0054)
Trichloroethene		2.7	ND(0.0059)	ND(0.0054)
Trichlorofluoromethane		380	ND(0.0059)	ND(0.0054)
Vinyl Acetate		420	ND(0.0059)	ND(0.0054)
Vinyl Chloride		0.021	ND(0.0059)	ND(0.0054)
Xylenes (total)		210	ND(0.0059)	ND(0.0054)

**TABLE E-123
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-9 & RECREATIONAL AREA 1 (RA-1)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-1-SB-6 RA-1-SB-6 0-1 06/10/03	PDI RA-1-SB-6 RA-1-SB-6 1-3 06/10/03
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene		16	ND(0.39)	ND(0.36)
1,2,4-Trichlorobenzene		480	ND(0.39)	ND(0.36)
1,2-Dichlorobenzene		370	ND(0.39)	ND(0.36)
1,2-Diphenylhydrazine		0.56	ND(0.39)	ND(0.36)
1,3,5-Trinitrobenzene		1,600	ND(0.39)	ND(0.36)
1,3-Dichlorobenzene		41	ND(0.39)	ND(0.36)
1,3-Dinitrobenzene		5.5	ND(0.78)	ND(0.73)
1,4-Dichlorobenzene		3	ND(0.39)	ND(0.36)
1,4-Naphthoquinone		55	ND(0.78)	ND(0.73)
1-Naphthylamine		Not Listed	ND(0.78)	ND(0.73)
2,3,4,6-Tetrachlorophenol		1,600	ND(0.39) J	ND(0.36) J
2,4,5-Trichlorophenol		5,500	ND(0.39)	ND(0.36)
2,4,6-Trichlorophenol		40	ND(0.39)	ND(0.36)
2,4-Dichlorophenol		160	ND(0.39)	ND(0.36)
2,4-Dimethylphenol		1,100	ND(0.39)	ND(0.36)
2,4-Dinitrophenol		110	ND(2.0) J	ND(1.8) J
2,4-Dinitrotoluene		110	ND(0.39)	ND(0.36)
2,6-Dichlorophenol		160	ND(0.39)	ND(0.36)
2,6-Dinitrotoluene		55	ND(0.39)	ND(0.36)
2-Acetylaminofluorene		0.56	ND(0.78)	ND(0.73)
2-Chloronaphthalene		3,700	ND(0.39)	ND(0.36)
2-Chlorophenol		59	ND(0.39)	ND(0.36)
2-Methylnaphthalene		55	ND(0.39)	ND(0.36)
2-Methylphenol		2,700	ND(0.39)	ND(0.36)
2-Naphthylamine		Not Listed	ND(0.78)	ND(0.73)
2-Nitroaniline		3.3	ND(2.0)	ND(1.8)
2-Nitrophenol		Not Listed	ND(0.78)	ND(0.73)
2-Picoline		55	ND(0.39)	ND(0.36)
3&4-Methylphenol		270	ND(0.78)	ND(0.73)
3,3'-Dichlorobenzidine		0.99	ND(0.78)	ND(0.73)
3,3'-Dimethylbenzidine		0.048	ND(0.39) J	ND(0.36) J
3-Methylcholanthrene		0.056	ND(0.78)	ND(0.73)
3-Nitroaniline		5.5	ND(2.0)	ND(1.8)
4,6-Dinitro-2-methylphenol		55	ND(0.39)	ND(0.36)
4-Aminobiphenyl		1,400	ND(0.78)	ND(0.73)
4-Bromophenyl-phenylether		160	ND(0.39)	ND(0.36)
4-Chloro-3-Methylphenol		2,700	ND(0.39)	ND(0.36)
4-Chloroaniline		220	ND(0.39)	ND(0.36)
4-Chlorobenzilate		1.6	ND(0.78)	ND(0.73)
4-Chlorophenyl-phenylether		Not Listed	ND(0.39)	ND(0.36)
4-Methylphenol		270	NA	NA
4-Nitroaniline		5.5	ND(2.0)	ND(1.8)
4-Nitrophenol		3,400	ND(2.0) J	ND(1.8) J
4-Nitroquinoline-1-oxide		110	ND(0.78) J	ND(0.73) J
4-Phenylenediamine		10,000	ND(0.78)	ND(0.73)
5-Nitro-o-toluidine		13	ND(0.78)	ND(0.73)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.78)	ND(0.73)
a,a'-Dimethylphenethylamine		55	ND(0.78) J	ND(0.73) J
Acenaphthene		2,600	ND(0.39)	ND(0.36)
Acenaphthylene		55	0.15 J	0.70
Acetophenone		0.49	ND(0.39)	ND(0.36)
Aniline		78	ND(0.39)	ND(0.36)
Anthracene		14,000	0.25 J	1.1
Aramite		18	ND(0.78)	ND(0.73)
Azobenzene		4	NA	NA
Benzidine		0.0019	ND(0.78)	ND(0.73)
Benzo(a)anthracene		0.56	0.93	4.6

**TABLE E-123
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-9 & RECREATIONAL AREA 1 (RA-1)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-1-SB-6 RA-1-SB-6 0-1 06/10/03	PDI RA-1-SB-6 RA-1-SB-6 1-3 06/10/03
Semivolatile Organics (continued)				
Benzo(a)pyrene		0.056	0.77	4.4
Benzo(b)fluoranthene		0.56	1.1	5.2
Benzo(g,h,i)perylene		55	0.54	3.2
Benzo(k)fluoranthene		5.6	0.39 J	1.9
Benzyl Alcohol		16,000	ND(0.78) J	ND(0.73) J
bis(2-Chloroethoxy)methane		Not Listed	ND(0.39)	ND(0.36)
bis(2-Chloroethyl)ether		0.18	ND(0.39)	ND(0.36)
bis(2-Chloroisopropyl)ether		2.5	ND(0.39)	ND(0.36)
bis(2-Ethylhexyl)phthalate		32	ND(0.39)	ND(0.36)
Butylbenzylphthalate		930	0.29 J	ND(0.36)
Chrysene		56	1.0	4.1
Diallate		7.3	ND(0.78)	ND(0.73)
Dibenzo(a,h)anthracene		0.056	ND(0.39)	0.75
Dibenzofuran		210	ND(0.39)	0.26 J
Diethylphthalate		44,000	ND(0.39)	ND(0.36)
Dimethylphthalate		100,000	ND(0.39)	ND(0.36)
Di-n-Butylphthalate		5,500	ND(0.39)	ND(0.36)
Di-n-Octylphthalate		1,100	ND(0.39)	ND(0.36)
Dinoseb		55	NA	NA
Diphenylamine		1,400	ND(0.39)	ND(0.36)
Ethyl Methanesulfonate		Not Listed	ND(0.39)	ND(0.36)
Fluoranthene		2,000	2.5	11
Fluorene		1,800	ND(0.39)	0.13 J
Hexachlorobenzene		0.28	ND(0.39)	ND(0.36)
Hexachlorobutadiene		5.7	ND(0.39)	ND(0.36)
Hexachlorocyclopentadiene		380	ND(0.39) J	ND(0.36) J
Hexachloroethane		32	ND(0.39)	ND(0.36)
Hexachlorophene		16	ND(0.78) J	ND(0.73) J
Hexachloropropene		Not Listed	ND(0.39) J	ND(0.36) J
Indeno(1,2,3-cd)pyrene		0.56	0.48	2.8
Isodrin		Not Listed	ND(0.39)	ND(0.36)
Isophorone		470	ND(0.39)	ND(0.36)
Isosafrole		Not Listed	ND(0.78)	ND(0.73)
Methapyrilene		55	ND(0.78)	ND(0.73)
Methyl Methanesulfonate		Not Listed	ND(0.39)	ND(0.36)
Naphthalene		55	0.098 J	0.23 J
Nitrobenzene		16	ND(0.39)	ND(0.36)
N-Nitrosodiethylamine		0.003	ND(0.39)	ND(0.36)
N-Nitrosodimethylamine		0.0087	ND(0.39)	ND(0.36)
N-Nitroso-di-n-butylamine		0.022	ND(0.78)	ND(0.73)
N-Nitroso-di-n-propylamine		0.063	ND(0.39)	ND(0.36)
N-Nitrosodiphenylamine		91	ND(0.39)	ND(0.36)
N-Nitrosomethylethylamine		0.02	ND(0.78)	ND(0.73)
N-Nitrosomorpholine		0.21	ND(0.39)	ND(0.36)
N-Nitrosopiperidine		0.21	ND(0.39)	ND(0.36)
N-Nitrosopyrrolidine		0.21	ND(0.78)	ND(0.73)
o,o,o-Triethylphosphorothioate		11	ND(0.39) J	ND(0.36) J
o-Toluidine		1.9	ND(0.39)	ND(0.36)
p-Dimethylaminoazobenzene		0.99	ND(0.78)	ND(0.73)
Pentachlorobenzene		44	ND(0.39) J	ND(0.36) J
Pentachloroethane		2.8	ND(0.39)	ND(0.36)
Pentachloronitrobenzene		1.7	ND(0.78) J	ND(0.73) J
Pentachlorophenol		2.5	ND(2.0)	ND(1.8)
Phenacetin		640	ND(0.78)	ND(0.73)
Phenanthrene		55	1.1	3.9
Phenol		33,000	ND(0.39)	ND(0.36)
Pronamide		4,100	ND(0.39)	ND(0.36)

**TABLE E-123
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-9 & RECREATIONAL AREA 1 (RA-1)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-1-SB-6 RA-1-SB-6 0-1 06/10/03	PDI RA-1-SB-6 RA-1-SB-6 1-3 06/10/03
Semivolatile Organics (continued)				
Pyrene		1,500	2.0	11
Pyridine		55	ND(0.39)	ND(0.36)
Safrole		Not Listed	ND(0.39)	ND(0.36)
Thionazin		330	ND(0.39)	ND(0.36)
Furans				
2,3,7,8-TCDF		Not Applicable	0.000019 Y	0.000022 Y
TCDFs (total)		Not Applicable	0.00027 I	0.00026 I
1,2,3,7,8-PeCDF		Not Applicable	0.0000047	0.000017
2,3,4,7,8-PeCDF		Not Applicable	0.0000062	0.000012
PeCDFs (total)		Not Applicable	0.00022 I	0.00015
1,2,3,4,7,8-HxCDF		Not Applicable	0.0000090	0.000011
1,2,3,6,7,8-HxCDF		Not Applicable	0.0000050	0.0000068
1,2,3,7,8,9-HxCDF		Not Applicable	0.0000070 J	ND(0.0000026)
2,3,4,6,7,8-HxCDF		Not Applicable	0.0000041	0.0000049
HxCDFs (total)		Not Applicable	0.00010 I	0.00010
1,2,3,4,6,7,8-HpCDF		Not Applicable	ND(0.000017) X	0.000028 J
1,2,3,4,7,8,9-HpCDF		Not Applicable	ND(0.0000099) X	0.0000026
HpCDFs (total)		Not Applicable	0.000023	0.000063
OCDF		Not Applicable	0.000025	0.000025
Dioxins				
2,3,7,8-TCDD		Not Applicable	ND(0.00000059)	ND(0.00000033)
TCDDs (total)		Not Applicable	0.0000026	0.0000026
1,2,3,7,8-PeCDD		Not Applicable	ND(0.00000030)	ND(0.00000019)
PeCDDs (total)		Not Applicable	ND(0.0000081)	ND(0.0000032)
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.00000039)	ND(0.00000031)
1,2,3,6,7,8-HxCDD		Not Applicable	ND(0.00000039)	0.000021
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.00000042)	ND(0.0000014) X
HxCDDs (total)		Not Applicable	0.0000062	0.000012
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000042	0.000043
HpCDDs (total)		Not Applicable	0.000097	0.000095
OCDD		Not Applicable	0.00030	0.00032
Total TEQs (WHO TEFs)		Not Applicable	0.0000082	0.000013
Inorganics				
Antimony		30	1.40 B	ND(6.00)
Arsenic		0.38	10.0	9.00
Barium		5,200	44.0	38.0
Beryllium		150	0.240 B	0.240 B
Cadmium		37	0.480 B	ND(0.500)
Chromium		210	11.0	8.40
Cobalt		3,300	7.50	9.40
Copper		2,800	48.0	42.0
Lead		400	210	76.0
Mercury		22	0.220	0.0740 B
Nickel		1,500	17.0	16.0
Selenium		370	1.30 J	0.530 J
Silver		370	0.300 B	0.550 B
Thallium		6	ND(1.20) J	ND(1.10) J
Tin		45,000	ND(10.0)	ND(10.0)
Vanadium		520	14.0	8.90
Zinc		22,000	260	78.0
Cyanide		11	0.580 J	0.220 J
Sulfide		350	11.0	ND(5.40)

**TABLE E-123
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-10-9 & RECREATIONAL AREA 1 (RA-1)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors or EPA and submitted for analysis of Appendix IX+3 constituents.
2. Data Types: PDI = GE Pre-Design Investigation soil sampling; EPA = EPA soil sampling.
3. Samples collected by GE subcontractors have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
6. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- J - Estimated Value.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- 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 - Estimated Value.

TABLE E-124
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
PARCEL I9-10-9 & RECREATIONAL AREA 1 (RA-1)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Analytical Parameter	Maximum Detect	EPA Region 9 Residential PRGs	Constituent Retained for Further Evaluation? (See Note 5)
Semivolatile Organics			
1,2,4-Trichlorobenzene	0.27	480	No
2,4-Dimethylphenol	0.28	1,100	No
2-Methylnaphthalene	5.2	55*	No
4-Methylphenol	0.69	270	No
Acenaphthene	9.2	2,600	No
Acenaphthylene	2.9	55*	No
Aniline	6	78	No
Anthracene	17	14,000	No
Benzo(a)anthracene	30	0.56	Yes
Benzo(a)pyrene	23	0.056	Yes
Benzo(b)fluoranthene	26	0.56	Yes
Benzo(g,h,i)perylene	15	55*	No
Benzo(k)fluoranthene	15	5.6	Yes
bis(2-Ethylhexyl)phthalate	4.9	32	No
Butylbenzylphthalate	1.2	930	No
Chrysene	29	56	No
Dibenzo(a,h)anthracene	4.7	0.056	Yes
Dibenzofuran	11	210	No
Di-n-Octylphthalate	7.9	1,100	No
Fluoranthene	100	2,000	No
Fluorene	11	1,800	No
Indeno(1,2,3-cd)pyrene	14	0.56	Yes
Naphthalene	13	55	No
Phenanthrene	120	55*	Yes
Phenol	1.2	33,000	No
Pyrene	74	1,500	No
Inorganics			
Antimony	1.9	30	No
Arsenic	14.6	0.38	Yes
Barium	122	5,200	No
Beryllium	0.57	150	No
Cadmium	6.2	37	No
Chromium	82.5	210	No
Cobalt	11	3,300	No
Copper	451	2,800	No
Cyanide	0.58	11*	No
Lead	585	400	Yes
Mercury	3.3	22	No
Nickel	45.3	1,500	No
Selenium	1.9	370	No
Silver	5.7	370	No
Sulfide	440	350*	Yes
Tin	47.8	45,000	No
Vanadium	44.4	520	No
Zinc	436	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-125
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-9 & RECREATIONAL AREA 1 (RA-1): 0- TO 1-FOOT DEPTH INCREMENT
REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	RA-1-SB-3 0-1 06/09/03	RA-1-SB-6 0-1 06/10/03	I9-10-9-SB-2 0-1 06/09/03	SL-BH001464 0-1 04/09/08	SL-BH001465 0-1 04/09/08	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatle Organics									
Benzo(a)anthracene	0.44	0.93	0.82	6.7	11	N/A (See Note 5)	4.0	7	No
Benzo(a)pyrene	0.36	0.77	0.68	5.7	8.6	N/A (See Note 5)	3.2	2	Yes
Benzo(b)fluoranthene	0.40	1.1	1.0	11	11	N/A (See Note 5)	4.9	7	No
Benzo(k)fluoranthene	0.19	0.39	0.38	1.4	5.0	N/A (See Note 5)	1.5	70	No
Dibenzo(a,h)anthracene	0.19	0.20	0.21	1.7	2.5	N/A (See Note 5)	0.96	0.7	Yes
Indeno(1,2,3-cd)pyrene	0.30	0.48	0.51	5.7	6.9	N/A (See Note 5)	2.8	7	No
Phenanthrene	0.56	1.1	0.90	7.6	21	N/A (See Note 5)	6.2	500	No
Dioxins/Furans									
Total TEQs (WHO TEFs)	3.70E-06	8.20E-06	9.00E-06	--	--	9.00E-06	N/A (See Note 5)	1.00E-03	No
Inorganics									
Arsenic	3.30	10.0	6.10	11.5	7.80	N/A (See Note 5)	7.74	20	No
Lead	80.0	210	100	572	411	N/A (See Note 5)	275	300	No
Sulfide	440	11.0	31.0	--	--	N/A (See Note 5)	161	633*	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- = Not analyzed.

TABLE E-125A
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-9 & RECREATIONAL AREA 1 (RA-1): 0- TO 3-FOOT DEPTH INCREMENT

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	RA-1-SB-3 0-1 06/09/03	RA-1-SB-6 0-1 06/10/03	I9-10-9-SB-2 0-1 06/09/03	SL-BH001464 0-1 04/09/08	SL-BH001465 0-1 04/09/08	RA-1-SB-3 1-3 06/09/03	RA-1-SB-6 1-3 06/10/03
Semivolatile Organics							
Benzo(a)anthracene	0.44	0.93	0.82	6.7	11	0.88	4.6
Benzo(a)pyrene	0.36	0.77	0.68	5.7	8.6	0.40	4.4
Benzo(b)fluoranthene	0.40	1.1	1.0	11	11	1.0	5.2
Benzo(k)fluoranthene	0.19	0.39	0.38	1.4	5.0	0.36	1.9
Dibenzo(a,h)anthracene	0.19	0.20	0.21	1.7	2.5	0.25	0.75
Indeno(1,2,3-cd)pyrene	0.30	0.48	0.51	5.7	6.9	0.60	2.8
Phenanthrene	0.56	1.1	0.90	7.6	21	1.0	3.9
Dioxins/Furans							
Total TEQs (WHO TEFs)	3.70E-06	8.20E-06	9.00E-06	--	--	6.60E-06	1.30E-05
Inorganics							
Arsenic	3.30	10.0	6.10	11.5	7.80	7.35	9.00
Lead	80.0	210	100	572	411	64.5	76.0
Sulfide	440	11.0	31.0	--	--	7.20	2.70

Sample ID: Sample Depth(Feet): Date Collected:	I9-10-9-SB-2 1-3 06/09/03	SL-BH001464 1-3 04/09/08	SL-BH001465 1-3 04/09/08	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics							
Benzo(a)anthracene	1.3	4.3	30	N/A (See Note 5)	6.1	7	No
Benzo(a)pyrene	1.0	3.2	23	N/A (See Note 5)	4.8	2	Yes
Benzo(b)fluoranthene	1.4	5.7	26	N/A (See Note 5)	6.4	7	No
Benzo(k)fluoranthene	0.51	2.1	15	N/A (See Note 5)	2.7	70	No
Dibenzo(a,h)anthracene	0.21	1.3	4.7	N/A (See Note 5)	1.2	0.7	Yes
Indeno(1,2,3-cd)pyrene	0.63	3.3	14	N/A (See Note 5)	3.5	7	No
Phenanthrene	2.9	3.6	120	N/A (See Note 5)	16.3	500	No
Dioxins/Furans							
Total TEQs (WHO TEFs)	4.10E-06	--	--	1.30E-05	N/A (See Note 5)	1.00E-03	No
Inorganics							
Arsenic	11.0	9.40	14.6	N/A (See Note 5)	9.01	20	No
Lead	130	357	585	N/A (See Note 5)	259	300	No
Sulfide	23.0	--	--	N/A (See Note 5)	85.8	633*	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- = Not analyzed.

**TABLE E-126
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-9 & RECREATIONAL AREA 1 (RA-1): 1- TO 3-FOOT DEPTH INCREMENT**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	RA-1-SB-3 1-3 06/09/03	RA-1-SB-6 1-3 06/10/03	I9-10-9-SB-2 1-3 06/09/03	SL-BH001464 1-3 04/09/08	SL-BH001465 1-3 04/09/08
Semivolatile Organics					
Benzo(a)anthracene	0.88	4.6	1.3	4.3	30
Benzo(a)pyrene	0.40	4.4	1.0	3.2	23
Benzo(b)fluoranthene	1.0	5.2	1.4	5.7	26
Benzo(k)fluoranthene	0.36	1.9	0.51	2.1	15
Dibenzo(a,h)anthracene	0.25	0.75	0.21	1.3	4.7
Indeno(1,2,3-cd)pyrene	0.60	2.8	0.63	3.3	14
Phenanthrene	1.0	3.9	2.9	3.6	120
Dioxins/Furans					
Total TEQs (WHO TEFs)	6.60E-06	1.30E-05	4.10E-06	--	
Inorganics					
Arsenic	7.35	9.00	11.0	9.40	14.6
Lead	64.5	76.0	130	357	585
Sulfide	7.20	2.70	23.0	--	--

Sample ID: Sample Depth(Feet): Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 5)	8.2	7	Yes
Benzo(a)pyrene	N/A (See Note 5)	6.4	2	Yes
Benzo(b)fluoranthene	N/A (See Note 5)	7.9	7	Yes
Benzo(k)fluoranthene	N/A (See Note 5)	4.0	70	No
Dibenzo(a,h)anthracene	N/A (See Note 5)	1.4	0.7	Yes
Indeno(1,2,3-cd)pyrene	N/A (See Note 5)	4.3	7	No
Phenanthrene	N/A (See Note 5)	26	500	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	1.30E-05	N/A (See Note 5)	1.50E-03	No
Inorganics				
Arsenic	N/A (See Note 5)	10.3	20	No
Lead	N/A (See Note 5)	243	300	No
Sulfide	N/A (See Note 5)	11.0	633*	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- = Not analyzed.

TABLE E-126A
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-9 & RECREATIONAL AREA 1 (RA-1): 0- TO 1-FOOT DEPTH INCREMENT

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	RA-1-SB-3 0-1 06/09/03	RA-1-SB-6 0-1 06/10/03	I9-10-9-SB-2 0-1 06/09/03	SL-BH001464 0-1 04/09/08	SL-BH001465 0-1 04/09/08	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatle Organics									
Benzo(a)anthracene	0.44	0.93	0.82	6.7	0.198	N/A (See Note 5)	1.8	7	No
Benzo(a)pyrene	0.36	0.77	0.68	5.7	0.198	N/A (See Note 5)	1.5	2	No
Benzo(b)fluoranthene	0.40	1.1	1.0	11	0.198	N/A (See Note 5)	2.7	7	No
Benzo(k)fluoranthene	0.19	0.39	0.38	1.4	0.198	N/A (See Note 5)	0.5	70	No
Dibenzo(a,h)anthracene	0.19	0.20	0.21	1.7	0.256	N/A (See Note 5)	0.51	0.7	No
Indeno(1,2,3-cd)pyrene	0.30	0.48	0.51	5.7	0.256	N/A (See Note 5)	1.4	7	No
Phenanthrene	0.56	1.1	0.90	7.6	0.198	N/A (See Note 5)	2.1	500	No
Dioxins/Furans									
Total TEQs (WHO TEFs)	3.70E-06	8.20E-06	9.00E-06	--	--	9.00E-06	N/A (See Note 5)	1.00E-03	No
Inorganics									
Arsenic	3.30	10.0	6.10	11.5	6.53	N/A (See Note 5)	7.49	20	No
Lead	80.0	210	100	572	6.24	N/A (See Note 5)	194	300	No
Sulfide	440	11.0	31.0	--	--	N/A (See Note 5)	161	633*	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- = Not analyzed.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

**TABLE E-126B
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-9 & RECREATIONAL AREA 1 (RA-1): 0- TO 3-FOOT DEPTH INCREMENT**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	RA-1-SB-3 0-1 06/09/03	RA-1-SB-6 0-1 06/10/03	I9-10-9-SB-2 0-1 06/09/03	SL-BH001464 0-1 04/09/08	SL-BH001465 0-1 04/09/08	RA-1-SB-3 1-3 06/09/03	RA-1-SB-6 1-3 06/10/03
Semivolatile Organics							
Benzo(a)anthracene	0.44	0.93	0.82	6.7	0.198	0.88	4.6
Benzo(a)pyrene	0.36	0.77	0.68	5.7	0.198	0.40	4.4
Benzo(b)fluoranthene	0.40	1.1	1.0	11	0.198	1.0	5.2
Benzo(k)fluoranthene	0.19	0.39	0.38	1.4	0.198	0.36	1.9
Dibenzo(a,h)anthracene	0.19	0.20	0.21	1.7	0.256	0.25	0.75
Indeno(1,2,3-cd)pyrene	0.30	0.48	0.51	5.7	0.256	0.60	2.8
Phenanthrene	0.56	1.1	0.90	7.6	0.198	1.0	3.9
Dioxins/Furans							
Total TEQs (WHO TEFs)	3.70E-06	8.20E-06	9.00E-06	--	--	6.60E-06	1.30E-05
Inorganics							
Arsenic	3.30	10.0	6.10	11.5	6.53	7.35	9.00
Lead	80.0	210	100	572	6.24	64.5	76.0
Sulfide	440	11.0	31.0	--	--	7.20	2.70

Sample ID: Sample Depth(Feet): Date Collected:	I9-10-9-SB-2 1-3 06/09/03	SL-BH001464 1-3 04/09/08	SL-BH001465 1-3 04/09/08	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics							
Benzo(a)anthracene	1.3	4.3	0.198	N/A (See Note 5)	2.0	7	No
Benzo(a)pyrene	1.0	3.2	0.198	N/A (See Note 5)	1.7	2	No
Benzo(b)fluoranthene	1.4	5.7	0.198	N/A (See Note 5)	2.7	7	No
Benzo(k)fluoranthene	0.51	2.1	0.198	N/A (See Note 5)	0.8	70	No
Dibenzo(a,h)anthracene	0.21	1.3	0.256	N/A (See Note 5)	0.5	0.7	No
Indeno(1,2,3-cd)pyrene	0.63	3.3	0.256	N/A (See Note 5)	1.5	7	No
Phenanthrene	2.9	3.6	0.198	N/A (See Note 5)	2.2	500	No
Dioxins/Furans							
Total TEQs (WHO TEFs)	4.10E-06	--		1.30E-05	N/A (See Note 5)	1.00E-03	No
Inorganics							
Arsenic	11.0	9.40	14.6	N/A (See Note 5)	8.88	20	No
Lead	130	357	6.24	N/A (See Note 5)	160	300	No
Sulfide	23.0	--	--	N/A (See Note 5)	85.8	633*	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- = Not analyzed.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

**TABLE E-126B
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-9 & RECREATIONAL AREA 1 (RA-1): 0- TO 3-FOOT DEPTH INCREMENT**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	RA-1-SB-3 0-1 06/09/03	RA-1-SB-6 0-1 06/10/03	I9-10-9-SB-2 0-1 06/09/03	SL-BH001464 0-1 04/09/08	SL-BH001465 0-1 04/09/08	RA-1-SB-3 1-3 06/09/03	RA-1-SB-6 1-3 06/10/03
Semivolatile Organics							
Benzo(a)anthracene	0.44	0.93	0.82	6.7	0.198	0.88	4.6
Benzo(a)pyrene	0.36	0.77	0.68	5.7	0.198	0.40	4.4
Benzo(b)fluoranthene	0.40	1.1	1.0	11	0.198	1.0	5.2
Benzo(k)fluoranthene	0.19	0.39	0.38	1.4	0.198	0.36	1.9
Dibenzo(a,h)anthracene	0.19	0.20	0.21	1.7	0.256	0.25	0.75
Indeno(1,2,3-cd)pyrene	0.30	0.48	0.51	5.7	0.256	0.60	2.8
Phenanthrene	0.56	1.1	0.90	7.6	0.198	1.0	3.9
Dioxins/Furans							
Total TEQs (WHO TEFs)	3.70E-06	8.20E-06	9.00E-06	--	--	6.60E-06	1.30E-05
Inorganics							
Arsenic	3.30	10.0	6.10	11.5	6.53	7.35	9.00
Lead	80.0	210	100	572	6.24	64.5	76.0
Sulfide	440	11.0	31.0	--	--	7.20	2.70

Sample ID: Sample Depth(Feet): Date Collected:	I9-10-9-SB-2 1-3 06/09/03	SL-BH001464 1-3 04/09/08	SL-BH001465 1-3 04/09/08	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics							
Benzo(a)anthracene	1.3	4.3	0.198	N/A (See Note 5)	2.0	7	No
Benzo(a)pyrene	1.0	3.2	0.198	N/A (See Note 5)	1.7	2	No
Benzo(b)fluoranthene	1.4	5.7	0.198	N/A (See Note 5)	2.7	7	No
Benzo(k)fluoranthene	0.51	2.1	0.198	N/A (See Note 5)	0.8	70	No
Dibenzo(a,h)anthracene	0.21	1.3	0.256	N/A (See Note 5)	0.5	0.7	No
Indeno(1,2,3-cd)pyrene	0.63	3.3	0.256	N/A (See Note 5)	1.5	7	No
Phenanthrene	2.9	3.6	0.198	N/A (See Note 5)	2.2	500	No
Dioxins/Furans							
Total TEQs (WHO TEFs)	4.10E-06	--		1.30E-05	N/A (See Note 5)	1.00E-03	No
Inorganics							
Arsenic	11.0	9.40	14.6	N/A (See Note 5)	8.88	20	No
Lead	130	357	6.24	N/A (See Note 5)	160	300	No
Sulfide	23.0	--	--	N/A (See Note 5)	85.8	633*	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- = Not analyzed.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

TABLE E-126C
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-9 & RECREATIONAL AREA 1 (RA-1): 1- TO 3-FOOT DEPTH INCREMENT

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	RA-1-SB-3 1-3 06/09/03	RA-1-SB-6 1-3 06/10/03	I9-10-9-SB-2 1-3 06/09/03	SL-BH001464 1-3 04/09/08	SL-BH001465 1-3 04/09/08
Semivolatile Organics					
Benzo(a)anthracene	0.88	4.6	1.3	4.3	0.198
Benzo(a)pyrene	0.40	4.4	1.0	3.2	0.198
Benzo(b)fluoranthene	1.0	5.2	1.4	5.7	0.198
Benzo(k)fluoranthene	0.36	1.9	0.51	2.1	0.198
Dibenzo(a,h)anthracene	0.25	0.75	0.21	1.3	0.256
Indeno(1,2,3-cd)pyrene	0.60	2.8	0.63	3.3	0.256
Phenanthrene	1.0	3.9	2.9	3.6	0.198
Dioxins/Furans					
Total TEQs (WHO TEFs)	<i>6.60E-06</i>	1.30E-05	4.10E-06	--	
Inorganics					
Arsenic	7.35	9.00	11.0	9.40	14.6
Lead	64.5	76.0	130	357	585
Sulfide	7.20	2.70	23.0	--	--

Sample ID: Sample Depth(Feet): Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 5)	2.3	7	No
Benzo(a)pyrene	N/A (See Note 5)	1.8	2	No
Benzo(b)fluoranthene	N/A (See Note 5)	2.7	7	No
Benzo(k)fluoranthene	N/A (See Note 5)	1.0	70	No
Dibenzo(a,h)anthracene	N/A (See Note 5)	0.6	0.7	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 5)	1.5	7	No
Phenanthrene	N/A (See Note 5)	2	500	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	1.30E-05	N/A (See Note 5)	1.50E-03	No
Inorganics				
Arsenic	N/A (See Note 5)	10.3	20	No
Lead	N/A (See Note 5)	243	300	No
Sulfide	N/A (See Note 5)	11.0	633*	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- = Not analyzed.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

ARCADIS

Recreational Area RA-2

**TABLE E-127
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 2 (RA-2)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-2 Bottom Bank SLB-2-BB 0-0.5 01/19/95	Historical SLB-2 Top Bank SLB-2-TB 0-0.5 10/11/95	PDI RA-2-SB-3 RA-2-SB-3 0-1 06/10/03	PDI RA-2-SB-3 RA-2-SB-3 1-3 06/10/03
Volatiles Organics						
1,1,1,2-Tetrachloroethane		2.8	NA	NA	ND(0.0054)	ND(0.0053)
1,1,1-Trichloroethane		680	NA	NA	ND(0.0054)	ND(0.0053)
1,1,2,2-Tetrachloroethane		0.36	NA	NA	ND(0.0054)	ND(0.0053)
1,1,2-Trichloroethane		0.82	NA	NA	ND(0.0054)	ND(0.0053)
1,1-Dichloroethane		570	NA	NA	ND(0.0054)	ND(0.0053)
1,1-Dichloroethene		0.052	NA	NA	ND(0.0054)	ND(0.0053)
1,2,3-Trichloropropane		0.0014	NA	NA	ND(0.0054)	ND(0.0053)
1,2-Dibromo-3-chloropropane		0.32	NA	NA	ND(0.0054)	ND(0.0053)
1,2-Dibromoethane		0.0049	NA	NA	ND(0.0054)	ND(0.0053)
1,2-Dichloroethane		0.34	NA	NA	ND(0.0054)	ND(0.0053)
1,2-Dichloropropane		0.34	NA	NA	ND(0.0054)	ND(0.0053)
1,4-Dioxane		40	NA	NA	ND(0.11) J	ND(0.11) J
2-Butanone		6,900	NA	NA	ND(0.011)	ND(0.011)
2-Chloro-1,3-butadiene		3.6	NA	NA	ND(0.0054)	ND(0.0053)
2-Chloroethylvinylether		0.18	NA	NA	ND(0.0054)	ND(0.0053)
2-Hexanone		750	NA	NA	ND(0.011)	ND(0.011)
3-Chloropropene		2,700	NA	NA	ND(0.0054)	ND(0.0053)
4-Methyl-2-pentanone		750	NA	NA	ND(0.011)	ND(0.011)
Acetone		1,400	NA	NA	ND(0.022)	ND(0.021)
Acetonitrile		200	NA	NA	ND(0.11) J	ND(0.11) J
Acrolein		0.1	NA	NA	ND(0.11) J	ND(0.11) J
Acrylonitrile		0.19	NA	NA	ND(0.0054)	ND(0.0053)
Benzene		0.62	NA	NA	ND(0.0054)	ND(0.0053)
Bromodichloromethane		0.98	NA	NA	ND(0.0054)	ND(0.0053)
Bromoform		56	NA	NA	ND(0.0054)	ND(0.0053)
Bromomethane		3.8	NA	NA	ND(0.0054)	ND(0.0053)
Carbon Disulfide		350	NA	NA	ND(0.0054) J	ND(0.0053) J
Carbon Tetrachloride		0.23	NA	NA	ND(0.0054)	ND(0.0053)
Chlorobenzene		54	NA	NA	ND(0.0054)	ND(0.0053)
Chloroethane		1,600	NA	NA	ND(0.0054)	ND(0.0053)
Chloroform		0.24	NA	NA	ND(0.0054)	ND(0.0053)
Chloromethane		1.2	NA	NA	ND(0.0054)	ND(0.0053)
cis-1,3-Dichloropropene		Not Listed	NA	NA	ND(0.0054)	ND(0.0053)
Dibromochloromethane		5.3	NA	NA	ND(0.0054)	ND(0.0053)
Dibromomethane		550	NA	NA	ND(0.0054)	ND(0.0053)
Dichlorodifluoromethane		94	NA	NA	ND(0.0054)	ND(0.0053)
Ethyl Methacrylate		140	NA	NA	ND(0.0054)	ND(0.0053)
Ethylbenzene		230	NA	NA	ND(0.0054)	ND(0.0053)
Iodomethane		1.2	NA	NA	ND(0.0054)	ND(0.0053)
Isobutanol		10,000	NA	NA	ND(0.11) J	ND(0.11) J
Methacrylonitrile		1.8	NA	NA	ND(0.0054)	ND(0.0053)
Methyl Methacrylate		2,200	NA	NA	ND(0.0054)	ND(0.0053)
Methylene Chloride		8.5	NA	NA	ND(0.0054)	ND(0.0053)
Propionitrile		200	NA	NA	ND(0.011)	ND(0.011)
Styrene		1,700	NA	NA	ND(0.0054)	ND(0.0053)
Tetrachloroethene		4.7	NA	NA	ND(0.0054)	ND(0.0053)
Toluene		520	NA	NA	ND(0.0054)	ND(0.0053)
trans-1,2-Dichloroethene		62	NA	NA	ND(0.0054)	ND(0.0053)
trans-1,3-Dichloropropene		Not Listed	NA	NA	ND(0.0054)	ND(0.0053)
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	ND(0.0054)	ND(0.0053)
Trichloroethene		2.7	NA	NA	ND(0.0054)	ND(0.0053)
Trichlorofluoromethane		380	NA	NA	ND(0.0054)	ND(0.0053)
Vinyl Acetate		420	NA	NA	ND(0.0054)	ND(0.0053)
Vinyl Chloride		0.021	NA	NA	ND(0.0054)	ND(0.0053)
Xylenes (total)		210	NA	NA	ND(0.0054)	ND(0.0053)

**TABLE E-127
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 2 (RA-2)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-2 Bottom Bank SLB-2-BB 0-0.5 01/19/95	Historical SLB-2 Top Bank SLB-2-TB 0-0.5 10/11/95	PDI RA-2-SB-3 RA-2-SB-3 0-1 06/10/03	PDI RA-2-SB-3 RA-2-SB-3 1-3 06/10/03
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
1,2,4-Trichlorobenzene		480	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
1,2-Dichlorobenzene		370	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
1,2-Diphenylhydrazine		0.56	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
1,3,5-Trinitrobenzene		1,600	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
1,3-Dichlorobenzene		41	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
1,3-Dinitrobenzene		5.5	ND(4.4)	ND(0.73)	ND(0.73)	ND(0.71)
1,4-Dichlorobenzene		3	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
1,4-Naphthoquinone		55	ND(4.4)	ND(0.73)	ND(0.73)	ND(0.71) J
1-Naphthylamine		Not Listed	ND(52)	ND(0.73)	ND(0.73)	ND(0.71)
2,3,4,6-Tetrachlorophenol		1,600	ND(4.4)	ND(0.73)	ND(0.36) J	ND(0.36) J
2,4,5-Trichlorophenol		5,500	ND(21)	ND(1.8)	ND(0.36)	ND(0.36)
2,4,6-Trichlorophenol		40	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
2,4-Dichlorophenol		160	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
2,4-Dimethylphenol		1,100	NA	ND(0.73)	ND(0.36)	ND(0.36)
2,4-Dinitrophenol		110	ND(21)	ND(1.8)	ND(1.8) J	ND(1.8) J
2,4-Dinitrotoluene		110	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
2,6-Dichlorophenol		160	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
2,6-Dinitrotoluene		55	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
2-Acetylaminofluorene		0.56	ND(4.4)	ND(1.5)	ND(0.73)	ND(0.71)
2-Chloronaphthalene		3,700	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
2-Chlorophenol		59	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
2-Methylnaphthalene		55	ND(4.3)	ND(0.73)	0.083 J	ND(0.36)
2-Methylphenol		2,700	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
2-Naphthylamine		Not Listed	ND(74)	ND(0.73)	ND(0.73)	ND(0.71)
2-Nitroaniline		3.3	ND(21)	ND(1.8)	ND(1.8)	ND(1.8)
2-Nitrophenol		Not Listed	ND(4.3)	ND(0.73)	ND(0.73)	ND(0.71)
2-Picoline		55	ND(30)	ND(1.5)	ND(0.36)	ND(0.36)
3&4-Methylphenol		270	ND(4.4)	ND(0.73)	ND(0.73)	ND(0.71)
3,3'-Dichlorobenzidine		0.99	ND(8.6)	ND(1.5)	ND(0.73)	ND(0.71)
3,3'-Dimethylbenzidine		0.048	ND(35)	ND(1.5)	ND(0.36) J	ND(0.36)
3-Methylcholanthrene		0.056	ND(13)	ND(0.73)	ND(0.73)	ND(0.71)
3-Nitroaniline		5.5	ND(21)	ND(1.8)	ND(1.8)	ND(1.8)
4,6-Dinitro-2-methylphenol		55	ND(21)	ND(1.8)	ND(0.36)	ND(0.36) J
4-Aminobiphenyl		1,400	ND(22)	ND(1.5)	ND(0.73)	ND(0.71)
4-Bromophenyl-phenylether		160	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
4-Chloro-3-Methylphenol		2,700	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
4-Chloroaniline		220	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
4-Chlorobenzilate		1.6	ND(4.4)	ND(1.5)	ND(0.73)	ND(0.71)
4-Chlorophenyl-phenylether		Not Listed	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
4-Methylphenol		270	ND(4.3)	NA	NA	NA
4-Nitroaniline		5.5	ND(21)	ND(1.8)	ND(1.8)	ND(1.8)
4-Nitrophenol		3,400	ND(21)	ND(1.8)	ND(1.8) J	ND(1.8) J
4-Nitroquinoline-1-oxide		110	ND(4.4)	ND(0.73)	ND(0.73) J	ND(0.71) J
4-Phenylenediamine		10,000	ND(22)	ND(1.5)	ND(0.73)	ND(0.71)
5-Nitro-o-toluidine		13	ND(8.7)	ND(0.73)	ND(0.73)	ND(0.71)
7,12-Dimethylbenz(a)anthracene		0.056	ND(8.7)	ND(1.5)	ND(0.73)	ND(0.71)
a,a'-Dimethylphenethylamine		55	ND(4.4)	ND(0.73)	ND(0.73) J	ND(0.71)
Acenaphthene		2,600	ND(4.3)	0.076 J	ND(0.36)	ND(0.36)
Acenaphthylene		55	ND(4.3)	0.23 J	1.2	0.20 J
Acetophenone		0.49	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
Aniline		78	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
Anthracene		14,000	0.78 J	0.27 J	0.60	0.14 J
Aramite		18	ND(4.4)	ND(1.5)	ND(0.73)	ND(0.71)
Benzidine		0.0019	ND(22)	ND(0.73)	ND(0.73)	ND(0.71)
Benzo(a)anthracene		0.56	1.4 J	1.2	1.7	0.45
Benzo(a)pyrene		0.056	1.2 J	1.6	2.6	0.56
Benzo(b)fluoranthene		0.56	1.1 J	1.8	3.2	0.65
Benzo(g,h,i)perylene		55	0.89 J	0.35 J	2.7	0.49

**TABLE E-127
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 2 (RA-2)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-2 Bottom Bank SLB-2-BB 0-0.5 01/19/95	Historical SLB-2 Top Bank SLB-2-TB 0-0.5 10/11/95	PDI RA-2-SB-3 RA-2-SB-3 0-1 06/10/03	PDI RA-2-SB-3 RA-2-SB-3 1-3 06/10/03
Semivolatile Organics (continued)						
Benzo(k)fluoranthene		5.6	1.1 J	1.8	1.1	0.22 J
Benzoic Acid		100,000	ND(21)	NA	NA	NA
Benzyl Alcohol		16,000	ND(4.3)	ND(0.73)	ND(0.73) J	ND(0.71) J
bis(2-Chloroethoxy)methane		Not Listed	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
bis(2-Chloroethyl)ether		0.18	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
bis(2-Chloroisopropyl)ether		2.5	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
bis(2-Ethylhexyl)phthalate		32	0.84 J	0.29 J	ND(0.36)	ND(0.35)
Butylbenzylphthalate		930	ND(4.3)	0.37 J	0.29 J	ND(0.36)
Chrysene		56	1.5 J	1.6	1.6	0.48
Diallate		7.3	ND(4.4)	ND(0.73)	ND(0.73)	ND(0.71)
Dibenzo(a,h)anthracene		0.056	ND(4.3)	0.082 J	0.66	ND(0.36)
Dibenzofuran		210	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
Diethylphthalate		44,000	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
Dimethylphthalate		100,000	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
Di-n-Butylphthalate		5,500	ND(4.3)	0.18 JB	ND(0.36)	ND(0.36)
Di-n-Octylphthalate		1,100	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
Dinoseb		55	ND(8.7)	ND(0.73)	NA	NA
Diphenylamine		1,400	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
Ethyl Methacrylate		140	ND(8.6)	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
Fluoranthene		2,000	3.6 J	3.0	2.9	0.91
Fluorene		1,800	ND(4.3)	0.083 J	0.12 J	ND(0.36)
Hexachlorobenzene		0.28	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
Hexachlorobutadiene		5.7	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
Hexachlorocyclopentadiene		380	ND(4.3)	ND(0.73)	ND(0.36) J	ND(0.36) J
Hexachloroethane		32	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
Hexachlorophene		16	ND(22)	ND(3.7)	ND(0.73) J	ND(0.71) J
Hexachloropropene		Not Listed	ND(8.7)	ND(0.73)	ND(0.36) J	ND(0.36) J
Indeno(1,2,3-cd)pyrene		0.56	ND(4.3)	0.39 J	2.1	0.40
Isodrin		Not Listed	ND(4.4)	NA	ND(0.36)	ND(0.36)
Isophorone		470	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
Isosafrole		Not Listed	ND(4.4)	ND(0.73)	ND(0.73)	ND(0.71)
Methapyrilene		55	ND(17)	ND(0.73)	ND(0.73)	ND(0.71)
Methyl Methanesulfonate		Not Listed	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
Naphthalene		55	ND(4.3)	ND(0.73)	0.14 J	ND(0.36)
Nitrobenzene		16	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
N-Nitrosodiethylamine		0.003	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
N-Nitrosodimethylamine		0.0087	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
N-Nitroso-di-n-butylamine		0.022	ND(8.7)	ND(0.73)	ND(0.73)	ND(0.71)
N-Nitroso-di-n-propylamine		0.063	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
N-Nitrosodiphenylamine		91	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
N-Nitrosomethylethylamine		0.02	ND(4.4)	ND(0.73)	ND(0.73)	ND(0.71)
N-Nitrosomorpholine		0.21	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
N-Nitrosopiperidine		0.21	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
N-Nitrosopyrrolidine		0.21	ND(4.4)	ND(0.73)	ND(0.73)	ND(0.71)
o,o,o-Triethylphosphorothioate		11	ND(4.4)	NA	ND(0.36) J	ND(0.36)
o-Toluidine		1.9	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
p-Dimethylaminoazobenzene		0.99	ND(13)	ND(0.73)	ND(0.73)	ND(0.71)
Pentachlorobenzene		44	ND(8.7)	ND(0.73)	ND(0.36) J	ND(0.36) J
Pentachloroethane		2.8	ND(8.6)	ND(0.73)	ND(0.36)	ND(0.36)
Pentachloronitrobenzene		1.7	ND(8.7)	ND(0.73)	ND(0.73) J	ND(0.71) J
Pentachlorophenol		2.5	ND(21)	ND(1.8)	ND(1.8)	ND(1.8)
Phenacetin		640	ND(4.4)	ND(1.5)	ND(0.73)	ND(0.71)
Phenanthrene		55	1.9 J	1.3	0.89	0.28 J
Phenol		33,000	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
Pronamide		4,100	ND(13)	ND(0.73)	ND(0.36)	ND(0.36)
Pyrene		1,500	2.8 J	2.3	2.6	0.92
Pyridine		55	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)

**TABLE E-127
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 2 (RA-2)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-2 Bottom Bank SLB-2-BB 0-0.5 01/19/95	Historical SLB-2 Top Bank SLB-2-TB 0-0.5 10/11/95	PDI RA-2-SB-3 RA-2-SB-3 0-1 06/10/03	PDI RA-2-SB-3 RA-2-SB-3 1-3 06/10/03
Semivolatile Organics (continued)					
Safrole	Not Listed	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
Sulfotep	27	ND(4.4)	NA	NA	NA
Thionazin	330	ND(4.4)	NA	ND(0.36)	ND(0.36)
Furans					
2,3,7,8-TCDF	Not Applicable	0.000022 YJ	NA	ND(0.000012)	0.000041 Y
TCDFs (total)	Not Applicable	0.000043	NA	ND(0.000012) J	0.000074 IJ
1,2,3,7,8-PeCDF	Not Applicable	ND(0.000014)	NA	ND(0.000018)	0.000017
2,3,4,7,8-PeCDF	Not Applicable	ND(0.000028)	NA	ND(0.000014)	0.000014
PeCDFs (total)	Not Applicable	0.000057	NA	0.000043	0.00014 I
1,2,3,4,7,8-HxCDF	Not Applicable	ND(0.000032)	NA	ND(0.000011)	0.000028
1,2,3,6,7,8-HxCDF	Not Applicable	ND(0.000022)	NA	0.000061	0.000020
1,2,3,7,8,9-HxCDF	Not Applicable	ND(0.0000050)	NA	ND(0.000013)	0.000012
2,3,4,6,7,8-HxCDF	Not Applicable	ND(0.000020)	NA	ND(0.000012)	0.000012
HxCDFs (total)	Not Applicable	0.000047	NA	0.000044	0.00015 I
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.000013	NA	ND(0.000013) X	0.000044 J
1,2,3,4,7,8,9-HpCDF	Not Applicable	ND(0.000011)	NA	ND(0.000021)	0.000022
HpCDFs (total)	Not Applicable	0.000034	NA	0.000022	0.000083
OCDF	Not Applicable	0.000026	NA	0.000029	0.000043
Dioxins					
2,3,7,8-TCDD	Not Applicable	ND(0.0000015)	NA	ND(0.000012)	0.000027
TCDDs (total)	Not Applicable	ND(0.0000063)	NA	ND(0.0000075)	0.000049
1,2,3,7,8-PeCDD	Not Applicable	ND(0.0000055)	NA	ND(0.000010)	0.000014
PeCDDs (total)	Not Applicable	ND(0.000013)	NA	ND(0.0000044)	0.000014
1,2,3,4,7,8-HxCDD	Not Applicable	ND(0.000012)	NA	ND(0.000015)	0.000015
1,2,3,6,7,8-HxCDD	Not Applicable	0.000037 J	NA	ND(0.000016)	0.000016
1,2,3,7,8,9-HxCDD	Not Applicable	ND(0.000025)	NA	ND(0.000016)	0.000016
HxCDDs (total)	Not Applicable	0.000018	NA	ND(0.0000085)	0.000060
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.000069	NA	0.000044	0.000040
HpCDDs (total)	Not Applicable	0.00012	NA	0.000084	0.000068
OCDD	Not Applicable	0.00053	NA	0.00032	0.00020
Total TEQs (WHO TEFs)	Not Applicable	0.0000031	NA	0.0000031	0.000038
Inorganics					
Aluminum	75,000	2810	NA	NA	NA
Antimony	30	ND(6.60)	NA	0.780 B	ND(6.00)
Arsenic	0.38	1.60	NA	4.80	6.50
Barium	5,200	15.7 B	NA	61.0	ND(20.0)
Beryllium	150	0.220 B	NA	0.120 B	0.140 B
Cadmium	37	ND(0.660)	NA	0.170 B	ND(0.500)
Calcium	Not Listed	14500	NA	NA	NA
Chromium	210	4.40	NA	7.90	6.20
Cobalt	3,300	5.00 B	NA	6.30	7.60
Copper	2,800	16.4	NA	22.0	26.0
Cyanide	11	ND(0.560)	NA	0.0640 J	0.0480 J
Iron	22,000	14000	NA	NA	NA
Lead	400	39.1	NA	57.0	47.0
Magnesium	Not Listed	7380	NA	NA	NA
Manganese	3,100	249	NA	NA	NA
Mercury	22	ND(0.130)	NA	0.0490 B	0.0190 B
Nickel	1,500	10.1	NA	13.0	13.0
Potassium	Not Listed	216 B	NA	NA	NA
Selenium	370	ND(0.260)	NA	0.600 J	0.530 J
Silver	370	ND(0.660)	NA	0.130 B	0.120 B
Sodium	Not Listed	113 B	NA	NA	NA
Sulfide	350	NA	NA	ND(5.40)	ND(5.30)
Thallium	6	ND(0.260)	NA	ND(1.10) J	ND(1.10) J
Tin	45,000	NA	NA	ND(10.0)	ND(10.0)
Vanadium	520	9.60	NA	11.0	6.60
Zinc	22,000	60.3	NA	72.0	44.0

**TABLE E-127
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 2 (RA-2)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-2-SB-6 RA-2-SB-6 0-1 06/10/03	PDI RA-2-SB-6 RA-2-SB-6 1-3 06/10/03	PDI RA-2-SB-9 RA-2-SB-9 0-1 06/10/03	PDI RA-2-SB-9 RA-2-SB-9 1-3 06/10/03
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
1,1,1-Trichloroethane		680	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
1,1,2-Trichloroethane		0.82	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
1,1-Dichloroethane		570	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
1,1-Dichloroethene		0.052	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
1,2,3-Trichloropropane		0.0014	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
1,2-Dibromoethane		0.0049	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
1,2-Dichloroethane		0.34	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
1,2-Dichloropropane		0.34	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
1,4-Dioxane		40	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J
2-Butanone		6,900	ND(0.011) J	ND(0.011)	ND(0.011)	ND(0.011)
2-Chloro-1,3-butadiene		3.6	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
2-Chloroethylvinylether		0.18	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
2-Hexanone		750	ND(0.011) J	ND(0.011)	ND(0.011)	ND(0.011)
3-Chloropropene		2,700	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
4-Methyl-2-pentanone		750	ND(0.011) J	ND(0.011)	ND(0.011)	ND(0.011)
Acetone		1,400	ND(0.022) J	ND(0.021)	ND(0.021)	ND(0.022)
Acetonitrile		200	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J
Acrolein		0.1	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J
Acrylonitrile		0.19	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Benzene		0.62	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Bromodichloromethane		0.98	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Bromoform		56	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Bromomethane		3.8	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Carbon Disulfide		350	ND(0.0054) J	ND(0.0053) J	ND(0.0053) J	ND(0.0055) J
Carbon Tetrachloride		0.23	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Chlorobenzene		54	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Chloroethane		1,600	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Chloroform		0.24	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Chloromethane		1.2	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
cis-1,3-Dichloropropene		Not Listed	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Dibromochloromethane		5.3	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Dibromomethane		550	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Dichlorodifluoromethane		94	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Ethyl Methacrylate		140	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Ethylbenzene		230	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Iodomethane		1.2	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Isobutanol		10,000	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J
Methacrylonitrile		1.8	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Methyl Methacrylate		2,200	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Methylene Chloride		8.5	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Propionitrile		200	ND(0.011) J	ND(0.011)	ND(0.011)	ND(0.011)
Styrene		1,700	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Tetrachloroethene		4.7	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Toluene		520	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
trans-1,2-Dichloroethene		62	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
trans-1,3-Dichloropropene		Not Listed	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Trichloroethene		2.7	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Trichlorofluoromethane		380	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Vinyl Acetate		420	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Vinyl Chloride		0.021	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Xylenes (total)		210	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)

**TABLE E-127
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 2 (RA-2)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-2-SB-6 RA-2-SB-6 0-1 06/10/03	PDI RA-2-SB-6 RA-2-SB-6 1-3 06/10/03	PDI RA-2-SB-9 RA-2-SB-9 0-1 06/10/03	PDI RA-2-SB-9 RA-2-SB-9 1-3 06/10/03
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
1,2,4-Trichlorobenzene		480	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
1,2-Dichlorobenzene		370	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
1,2-Diphenylhydrazine		0.56	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
1,3,5-Trinitrobenzene		1,600	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
1,3-Dichlorobenzene		41	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
1,3-Dinitrobenzene		5.5	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
1,4-Dichlorobenzene		3	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
1,4-Naphthoquinone		55	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
1-Naphthylamine		Not Listed	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
2,3,4,6-Tetrachlorophenol		1,600	ND(0.36) J	ND(0.36) J	ND(0.35) J	ND(0.37) J
2,4,5-Trichlorophenol		5,500	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
2,4,6-Trichlorophenol		40	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
2,4-Dichlorophenol		160	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
2,4-Dimethylphenol		1,100	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
2,4-Dinitrophenol		110	ND(1.8) J	ND(1.8) J	ND(1.8) J	ND(1.9) J
2,4-Dinitrotoluene		110	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
2,6-Dichlorophenol		160	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
2,6-Dinitrotoluene		55	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
2-Acetylaminofluorene		0.56	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
2-Chloronaphthalene		3,700	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
2-Chlorophenol		59	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
2-Methylnaphthalene		55	ND(0.36)	0.12 J	ND(0.35)	ND(0.37)
2-Methylphenol		2,700	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
2-Naphthylamine		Not Listed	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
2-Nitroaniline		3.3	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.9)
2-Nitrophenol		Not Listed	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
2-Picoline		55	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
3&4-Methylphenol		270	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
3,3'-Dichlorobenzidine		0.99	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
3,3'-Dimethylbenzidine		0.048	ND(0.36) J	ND(0.36) J	ND(0.35) J	ND(0.37) J
3-Methylcholanthrene		0.056	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
3-Nitroaniline		5.5	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.9)
4,6-Dinitro-2-methylphenol		55	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
4-Aminobiphenyl		1,400	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
4-Bromophenyl-phenylether		160	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
4-Chloro-3-Methylphenol		2,700	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
4-Chloroaniline		220	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
4-Chlorobenzilate		1.6	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
4-Chlorophenyl-phenylether		Not Listed	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
4-Methylphenol		270	NA	NA	NA	NA
4-Nitroaniline		5.5	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.9)
4-Nitrophenol		3,400	ND(1.8) J	ND(1.8) J	ND(1.8) J	ND(1.9) J
4-Nitroquinoline-1-oxide		110	ND(0.73) J	ND(0.72) J	ND(0.71) J	ND(0.74) J
4-Phenylenediamine		10,000	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
5-Nitro-o-toluidine		13	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
a,a'-Dimethylphenethylamine		55	ND(0.73) J	ND(0.72) J	ND(0.71) J	ND(0.74) J
Acenaphthene		2,600	ND(0.36)	0.17 J	ND(0.35)	0.74
Acenaphthylene		55	0.48	0.46	0.19 J	0.23 J
Acetophenone		0.49	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
Aniline		78	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
Anthracene		14,000	0.45	0.51	0.088 J	0.095 J
Aramite		18	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
Benzidine		0.0019	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
Benzo(a)anthracene		0.56	1.3	1.2	0.42	0.36 J
Benzo(a)pyrene		0.056	1.3	1.2	0.49	0.51
Benzo(b)fluoranthene		0.56	1.5	1.4	0.59	0.68
Benzo(g,h,i)perylene		55	1.1	1.0	0.48	0.47

**TABLE E-127
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 2 (RA-2)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-2-SB-6 RA-2-SB-6 0-1 06/10/03	PDI RA-2-SB-6 RA-2-SB-6 1-3 06/10/03	PDI RA-2-SB-9 RA-2-SB-9 0-1 06/10/03	PDI RA-2-SB-9 RA-2-SB-9 1-3 06/10/03
Semivolatile Organics (continued)						
Benzo(k)fluoranthene		5.6	0.59	0.45	0.32 J	0.20 J
Benzoic Acid		100,000	NA	NA	NA	NA
Benzyl Alcohol		16,000	ND(0.73) J	ND(0.72) J	ND(0.71) J	ND(0.74) J
bis(2-Chloroethoxy)methane		Not Listed	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
bis(2-Chloroethyl)ether		0.18	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
bis(2-Chloroisopropyl)ether		2.5	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
bis(2-Ethylhexyl)phthalate		32	0.34 J	ND(0.35)	ND(0.35)	ND(0.36)
Butylbenzylphthalate		930	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
Chrysene		56	1.4	1.2	0.42	0.45
Diallate		7.3	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
Dibenzo(a,h)anthracene		0.056	0.26 J	0.28 J	ND(0.35)	ND(0.37)
Dibenzofuran		210	ND(0.36)	0.13 J	ND(0.35)	ND(0.37)
Diethylphthalate		44,000	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
Dimethylphthalate		100,000	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
Di-n-Butylphthalate		5,500	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
Di-n-Octylphthalate		1,100	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
Dinoseb		55	NA	NA	NA	NA
Diphenylamine		1,400	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
Ethyl Methacrylate		140	NA	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
Fluoranthene		2,000	2.6	3.3	0.70	0.71
Fluorene		1,800	0.13 J	0.37	ND(0.35)	ND(0.37)
Hexachlorobenzene		0.28	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
Hexachlorobutadiene		5.7	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
Hexachlorocyclopentadiene		380	ND(0.36) J	ND(0.36) J	ND(0.35) J	ND(0.37) J
Hexachloroethane		32	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
Hexachlorophene		16	ND(0.73) J	ND(0.72) J	ND(0.71) J	ND(0.74) J
Hexachloropropene		Not Listed	ND(0.36) J	ND(0.36) J	ND(0.35) J	ND(0.37) J
Indeno(1,2,3-cd)pyrene		0.56	0.89	0.77	0.37	0.40
Isodrin		Not Listed	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
Isophorone		470	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
Isosafrole		Not Listed	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
Methapyrilene		55	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
Methyl Methanesulfonate		Not Listed	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
Naphthalene		55	ND(0.36)	0.12 J	ND(0.35)	ND(0.37)
Nitrobenzene		16	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
N-Nitrosodiethylamine		0.003	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
N-Nitrosodimethylamine		0.0087	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
N-Nitroso-di-n-butylamine		0.022	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
N-Nitroso-di-n-propylamine		0.063	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
N-Nitrosodiphenylamine		91	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
N-Nitrosomethylethylamine		0.02	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
N-Nitrosomorpholine		0.21	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
N-Nitrosopiperidine		0.21	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
N-Nitrosopyrrolidine		0.21	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
o,o,o-Triethylphosphorothioate		11	ND(0.36) J	ND(0.36) J	ND(0.35) J	ND(0.37) J
o-Toluidine		1.9	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
p-Dimethylaminoazobenzene		0.99	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
Pentachlorobenzene		44	ND(0.36) J	ND(0.36) J	ND(0.35) J	ND(0.37) J
Pentachloroethane		2.8	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
Pentachloronitrobenzene		1.7	ND(0.73) J	ND(0.72) J	ND(0.71) J	ND(0.74) J
Pentachlorophenol		2.5	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.9)
Phenacetin		640	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
Phenanthrene		55	1.1	2.0	ND(0.35)	0.19 J
Phenol		33,000	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
Pronamide		4,100	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
Pyrene		1,500	2.7	2.9	0.73	0.71
Pyridine		55	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)

**TABLE E-127
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 2 (RA-2)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-2-SB-6 RA-2-SB-6 0-1 06/10/03	PDI RA-2-SB-6 RA-2-SB-6 1-3 06/10/03	PDI RA-2-SB-9 RA-2-SB-9 0-1 06/10/03	PDI RA-2-SB-9 RA-2-SB-9 1-3 06/10/03
Semivolatile Organics (continued)						
Safrole		Not Listed	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
Sulfotep		27	NA	NA	NA	NA
Thionazin		330	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
Furans						
2,3,7,8-TCDF		Not Applicable	0.0000031 Y	0.0000051 Y	0.0000030 Y	0.0000022 Y
TCDFs (total)		Not Applicable	0.000078 IJ	0.000020 J	0.000025 IJ	0.000022 IJ
1,2,3,7,8-PeCDF		Not Applicable	0.000021	ND(0.0000076) X	0.0000040	0.00000087
2,3,4,7,8-PeCDF		Not Applicable	0.000017	0.0000092	0.0000034	0.0000013
PeCDFs (total)		Not Applicable	0.00016 I	0.000088	0.000076 I	0.000035 I
1,2,3,4,7,8-HxCDF		Not Applicable	0.000034	0.000012	0.0000077	0.0000017
1,2,3,6,7,8-HxCDF		Not Applicable	0.000026	0.0000083	0.0000090	0.0000014
1,2,3,7,8,9-HxCDF		Not Applicable	0.000016	ND(0.0000010)	ND(0.0000033)	ND(0.00000090)
2,3,4,6,7,8-HxCDF		Not Applicable	0.000014	0.0000091	0.0000048	0.0000072
HxCDFs (total)		Not Applicable	0.00016 I	0.000098	0.00015 I	0.000024 I
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000054	0.000033	0.000082	ND(0.0000031) X
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.000027	0.000012	0.0000052	0.00000065
HpCDFs (total)		Not Applicable	0.00010	0.000079	0.000088	0.0000068
OCDF		Not Applicable	0.000056	0.000039	0.000059	0.0000061
Dioxins						
2,3,7,8-TCDD		Not Applicable	0.0000035	ND(0.0000086)	ND(0.0000016)	ND(0.00000080)
TCDDs (total)		Not Applicable	0.0000060	ND(0.0000059)	ND(0.0000045)	ND(0.0000019)
1,2,3,7,8-PeCDD		Not Applicable	0.000017	ND(0.0000032)	0.0000080	ND(0.00000040)
PeCDDs (total)		Not Applicable	0.000017	ND(0.000028)	0.000013	ND(0.0000038)
1,2,3,4,7,8-HxCDD		Not Applicable	0.000019	ND(0.0000013)	0.000011	ND(0.00000072) X
1,2,3,6,7,8-HxCDD		Not Applicable	0.000020	0.0000078	0.000036	ND(0.00000090)
1,2,3,7,8,9-HxCDD		Not Applicable	0.000018	0.0000065	0.000027	ND(0.00000090)
HxCDDs (total)		Not Applicable	0.000076	0.000019	0.00017	0.0000012
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000047	0.000051	0.00047	0.0000049
HpCDDs (total)		Not Applicable	0.000084	0.000088	0.00078	0.0000082
OCDD		Not Applicable	0.00026	0.00034	0.0028	0.000036
Total TEQs (WHO TEFs)		Not Applicable	0.000046	0.000013	0.000026	0.0000015
Inorganics						
Aluminum		75,000	NA	NA	NA	NA
Antimony		30	0.880 B	ND(6.00)	ND(6.00)	0.820 B
Arsenic		0.38	2.90 J	4.00	8.50	7.40
Barium		5,200	22.0	43.0	ND(20.0)	ND(20.0)
Beryllium		150	0.160 B	0.150 B	0.120 B	0.190 B
Cadmium		37	0.170 B	0.180 B	ND(0.500)	ND(0.500)
Calcium		Not Listed	NA	NA	NA	NA
Chromium		210	7.80	10.0	8.30	6.70
Cobalt		3,300	5.30	5.90	9.70	7.70
Copper		2,800	21.0	62.0	27.0	18.0
Cyanide		11	0.280 J	0.700 J	0.0470 J	ND(0.550) J
Iron		22,000	NA	NA	NA	NA
Lead		400	130	200	38.0	22.0
Magnesium		Not Listed	NA	NA	NA	NA
Manganese		3,100	NA	NA	NA	NA
Mercury		22	0.0320 B	0.0450 B	ND(0.110)	0.130
Nickel		1,500	10.0	12.0	17.0	14.0
Potassium		Not Listed	NA	NA	NA	NA
Selenium		370	0.530 J	ND(1.00) J	ND(1.00) J	ND(1.00) J
Silver		370	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sodium		Not Listed	NA	NA	NA	NA
Sulfide		350	ND(5.40)	ND(5.30)	14.0	10.0
Thallium		6	ND(1.10) J	ND(1.10) J	ND(1.10) J	ND(1.10) J
Tin		45,000	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium		520	13.0	11.0	9.50	6.80
Zinc		22,000	80.0	92.0	60.0	44.0

**TABLE E-127
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 2 (RA-2)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-2-SB-11 RA-2-SB-11 0-1 06/10/03	PDI RA-2-SB-11 RA-2-SB-11 1-3 06/10/03
Volatile Organics				
1,1,1,2-Tetrachloroethane		2.8	ND(0.0054)	ND(0.0055)
1,1,1-Trichloroethane		680	ND(0.0054)	ND(0.0055)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0054)	ND(0.0055)
1,1,2-Trichloroethane		0.82	ND(0.0054)	ND(0.0055)
1,1-Dichloroethane		570	ND(0.0054)	ND(0.0055)
1,1-Dichloroethene		0.052	ND(0.0054)	ND(0.0055)
1,2,3-Trichloropropane		0.0014	ND(0.0054)	ND(0.0055)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0054)	ND(0.0055)
1,2-Dibromoethane		0.0049	ND(0.0054)	ND(0.0055)
1,2-Dichloroethane		0.34	ND(0.0054)	ND(0.0055)
1,2-Dichloropropane		0.34	ND(0.0054)	ND(0.0055)
1,4-Dioxane		40	ND(0.11) J	ND(0.11) J
2-Butanone		6,900	ND(0.011)	ND(0.011)
2-Chloro-1,3-butadiene		3.6	ND(0.0054)	ND(0.0055)
2-Chloroethylvinylether		0.18	ND(0.0054)	ND(0.0055)
2-Hexanone		750	ND(0.011)	ND(0.011)
3-Chloropropene		2,700	ND(0.0054)	ND(0.0055)
4-Methyl-2-pentanone		750	ND(0.011)	ND(0.011)
Acetone		1,400	ND(0.022)	ND(0.022)
Acetonitrile		200	ND(0.11) J	ND(0.11) J
Acrolein		0.1	ND(0.11) J	ND(0.11) J
Acrylonitrile		0.19	ND(0.0054)	ND(0.0055)
Benzene		0.62	ND(0.0054)	ND(0.0055)
Bromodichloromethane		0.98	ND(0.0054)	ND(0.0055)
Bromoform		56	ND(0.0054)	ND(0.0055)
Bromomethane		3.8	ND(0.0054)	ND(0.0055)
Carbon Disulfide		350	ND(0.0054) J	ND(0.0055) J
Carbon Tetrachloride		0.23	ND(0.0054)	ND(0.0055)
Chlorobenzene		54	ND(0.0054)	ND(0.0055)
Chloroethane		1,600	ND(0.0054)	ND(0.0055)
Chloroform		0.24	ND(0.0054)	ND(0.0055)
Chloromethane		1.2	ND(0.0054)	ND(0.0055)
cis-1,3-Dichloropropene		Not Listed	ND(0.0054)	ND(0.0055)
Dibromochloromethane		5.3	ND(0.0054)	ND(0.0055)
Dibromomethane		550	ND(0.0054)	ND(0.0055)
Dichlorodifluoromethane		94	ND(0.0054)	ND(0.0055)
Ethyl Methacrylate		140	ND(0.0054)	ND(0.0055)
Ethylbenzene		230	ND(0.0054)	ND(0.0055)
Iodomethane		1.2	ND(0.0054)	ND(0.0055)
Isobutanol		10,000	ND(0.11) J	ND(0.11) J
Methacrylonitrile		1.8	ND(0.0054)	ND(0.0055)
Methyl Methacrylate		2,200	ND(0.0054)	ND(0.0055)
Methylene Chloride		8.5	ND(0.0054)	ND(0.0055)
Propionitrile		200	ND(0.011)	ND(0.011)
Styrene		1,700	ND(0.0054)	ND(0.0055)
Tetrachloroethene		4.7	ND(0.0054)	ND(0.0055)
Toluene		520	ND(0.0054)	ND(0.0055)
trans-1,2-Dichloroethene		62	ND(0.0054)	ND(0.0055)
trans-1,3-Dichloropropene		Not Listed	ND(0.0054)	ND(0.0055)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0054)	ND(0.0055)
Trichloroethene		2.7	ND(0.0054)	ND(0.0055)
Trichlorofluoromethane		380	ND(0.0054)	ND(0.0055)
Vinyl Acetate		420	ND(0.0054)	ND(0.0055)
Vinyl Chloride		0.021	ND(0.0054)	ND(0.0055)
Xylenes (total)		210	ND(0.0054)	ND(0.0055)

**TABLE E-127
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 2 (RA-2)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-2-SB-11 RA-2-SB-11 0-1 06/10/03	PDI RA-2-SB-11 RA-2-SB-11 1-3 06/10/03
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene		16	ND(0.36)	ND(0.36)
1,2,4-Trichlorobenzene		480	ND(0.36)	ND(0.36)
1,2-Dichlorobenzene		370	ND(0.36)	ND(0.36)
1,2-Diphenylhydrazine		0.56	ND(0.36)	ND(0.36)
1,3,5-Trinitrobenzene		1,600	ND(0.36)	ND(0.36)
1,3-Dichlorobenzene		41	ND(0.36)	ND(0.36)
1,3-Dinitrobenzene		5.5	ND(0.73)	ND(0.73)
1,4-Dichlorobenzene		3	ND(0.36)	ND(0.36)
1,4-Naphthoquinone		55	ND(0.73) J	ND(0.73) J
1-Naphthylamine		Not Listed	ND(0.73)	ND(0.73)
2,3,4,6-Tetrachlorophenol		1,600	ND(0.36) J	ND(0.36) J
2,4,5-Trichlorophenol		5,500	ND(0.36)	ND(0.36)
2,4,6-Trichlorophenol		40	ND(0.36)	ND(0.36)
2,4-Dichlorophenol		160	ND(0.36)	ND(0.36)
2,4-Dimethylphenol		1,100	ND(0.36)	ND(0.36)
2,4-Dinitrophenol		110	ND(1.8) J	ND(1.9) J
2,4-Dinitrotoluene		110	ND(0.36)	ND(0.36)
2,6-Dichlorophenol		160	ND(0.36)	ND(0.36)
2,6-Dinitrotoluene		55	ND(0.36)	ND(0.36)
2-Acetylaminofluorene		0.56	ND(0.73)	ND(0.73)
2-Chloronaphthalene		3,700	ND(0.36)	ND(0.36)
2-Chlorophenol		59	ND(0.36)	ND(0.36)
2-Methylnaphthalene		55	ND(0.36)	ND(0.36)
2-Methylphenol		2,700	ND(0.36)	ND(0.36)
2-Naphthylamine		Not Listed	ND(0.73)	ND(0.73)
2-Nitroaniline		3.3	ND(1.8)	ND(1.9)
2-Nitrophenol		Not Listed	ND(0.73)	ND(0.73)
2-Picoline		55	ND(0.36)	ND(0.36)
3&4-Methylphenol		270	ND(0.73)	ND(0.73)
3,3'-Dichlorobenzidine		0.99	ND(0.73)	ND(0.73)
3,3'-Dimethylbenzidine		0.048	ND(0.36)	ND(0.36)
3-Methylcholanthrene		0.056	ND(0.73)	ND(0.73)
3-Nitroaniline		5.5	ND(1.8)	ND(1.9)
4,6-Dinitro-2-methylphenol		55	ND(0.36) J	ND(0.36) J
4-Aminobiphenyl		1,400	ND(0.73)	ND(0.73)
4-Bromophenyl-phenylether		160	ND(0.36)	ND(0.36)
4-Chloro-3-Methylphenol		2,700	ND(0.36)	ND(0.36)
4-Chloroaniline		220	ND(0.36)	ND(0.36)
4-Chlorobenzilate		1.6	ND(0.73)	ND(0.73)
4-Chlorophenyl-phenylether		Not Listed	ND(0.36)	ND(0.36)
4-Methylphenol		270	NA	NA
4-Nitroaniline		5.5	ND(1.8)	ND(1.9)
4-Nitrophenol		3,400	ND(1.8) J	ND(1.9) J
4-Nitroquinoline-1-oxide		110	ND(0.73) J	ND(0.73) J
4-Phenylenediamine		10,000	ND(0.73)	ND(0.73)
5-Nitro-o-toluidine		13	ND(0.73)	ND(0.73)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.73)	ND(0.73)
a,a'-Dimethylphenethylamine		55	ND(0.73)	ND(0.73)
Acenaphthene		2,600	ND(0.36)	ND(0.36)
Acenaphthylene		55	0.33 J	ND(0.36)
Acetophenone		0.49	ND(0.36)	ND(0.36)
Aniline		78	ND(0.36)	ND(0.36)
Anthracene		14,000	0.17 J	ND(0.36)
Aramite		18	ND(0.73)	ND(0.73)
Benzidine		0.0019	ND(0.73)	ND(0.73)
Benzo(a)anthracene		0.56	0.47	ND(0.36)
Benzo(a)pyrene		0.056	0.59	ND(0.36)
Benzo(b)fluoranthene		0.56	0.78	ND(0.36)
Benzo(g,h,i)perylene		55	0.58	ND(0.36)

**TABLE E-127
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 2 (RA-2)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-2-SB-11 RA-2-SB-11 0-1 06/10/03	PDI RA-2-SB-11 RA-2-SB-11 1-3 06/10/03
Semivolatile Organics (continued)				
Benzo(k)fluoranthene		5.6	0.30 J	ND(0.36)
Benzoic Acid		100,000	NA	NA
Benzyl Alcohol		16,000	ND(0.73) J	ND(0.73) J
bis(2-Chloroethoxy)methane		Not Listed	ND(0.36)	ND(0.36)
bis(2-Chloroethyl)ether		0.18	ND(0.36)	ND(0.36)
bis(2-Chloroisopropyl)ether		2.5	ND(0.36)	ND(0.36)
bis(2-Ethylhexyl)phthalate		32	ND(0.36)	ND(0.36)
Butylbenzylphthalate		930	ND(0.36)	ND(0.36)
Chrysene		56	0.65	0.091 J
Diallate		7.3	ND(0.73)	ND(0.73)
Dibenzo(a,h)anthracene		0.056	ND(0.36)	ND(0.36)
Dibenzofuran		210	ND(0.36)	ND(0.36)
Diethylphthalate		44,000	ND(0.36)	ND(0.36)
Dimethylphthalate		100,000	ND(0.36)	ND(0.36)
Di-n-Butylphthalate		5,500	ND(0.36)	ND(0.36)
Di-n-Octylphthalate		1,100	ND(0.36)	ND(0.36)
Dinoseb		55	NA	NA
Diphenylamine		1,400	ND(0.36)	ND(0.36)
Ethyl Methacrylate		140	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(0.36)	ND(0.36)
Fluoranthene		2,000	0.97	0.13 J
Fluorene		1,800	ND(0.36)	ND(0.36)
Hexachlorobenzene		0.28	ND(0.36)	ND(0.36)
Hexachlorobutadiene		5.7	ND(0.36)	ND(0.36)
Hexachlorocyclopentadiene		380	ND(0.36) J	ND(0.36) J
Hexachloroethane		32	ND(0.36)	ND(0.36)
Hexachlorophene		16	ND(0.73) J	ND(0.73) J
Hexachloropropene		Not Listed	ND(0.36) J	ND(0.36) J
Indeno(1,2,3-cd)pyrene		0.56	0.46	ND(0.36)
Isodrin		Not Listed	ND(0.36)	ND(0.36)
Isophorone		470	ND(0.36)	ND(0.36)
Isosafrole		Not Listed	ND(0.73)	ND(0.73)
Methapyrilene		55	ND(0.73)	ND(0.73)
Methyl Methanesulfonate		Not Listed	ND(0.36)	ND(0.36)
Naphthalene		55	ND(0.36)	ND(0.36)
Nitrobenzene		16	ND(0.36)	ND(0.36)
N-Nitrosodiethylamine		0.003	ND(0.36)	ND(0.36)
N-Nitrosodimethylamine		0.0087	ND(0.36)	ND(0.36)
N-Nitroso-di-n-butylamine		0.022	ND(0.73)	ND(0.73)
N-Nitroso-di-n-propylamine		0.063	ND(0.36)	ND(0.36)
N-Nitrosodiphenylamine		91	ND(0.36)	ND(0.36)
N-Nitrosomethylethylamine		0.02	ND(0.73)	ND(0.73)
N-Nitrosomorpholine		0.21	ND(0.36)	ND(0.36)
N-Nitrosopiperidine		0.21	ND(0.36)	ND(0.36)
N-Nitrosopyrrolidine		0.21	ND(0.73)	ND(0.73)
o,o,o-Triethylphosphorothioate		11	ND(0.36)	ND(0.36)
o-Toluidine		1.9	ND(0.36)	ND(0.36)
p-Dimethylaminoazobenzene		0.99	ND(0.73)	ND(0.73)
Pentachlorobenzene		44	ND(0.36) J	ND(0.36) J
Pentachloroethane		2.8	ND(0.36)	ND(0.36)
Pentachloronitrobenzene		1.7	ND(0.73) J	ND(0.73) J
Pentachlorophenol		2.5	ND(1.8)	ND(1.9)
Phenacetin		640	ND(0.73)	ND(0.73)
Phenanthrene		55	0.35 J	ND(0.36)
Phenol		33,000	ND(0.36)	ND(0.36)
Pronamide		4,100	ND(0.36)	ND(0.36)
Pyrene		1,500	0.88	0.13 J
Pyridine		55	ND(0.36)	ND(0.36)

**TABLE E-127
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 2 (RA-2)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-2-SB-11 RA-2-SB-11 0-1 06/10/03	PDI RA-2-SB-11 RA-2-SB-11 1-3 06/10/03
Semivolatile Organics (continued)				
Safrole		Not Listed	ND(0.36)	ND(0.36)
Sulfotep		27	NA	NA
Thionazin		330	ND(0.36)	ND(0.36)
Furans				
2,3,7,8-TCDF		Not Applicable	0.000012 Y	0.0000033 Y
TCDFs (total)		Not Applicable	0.00013 IJ	0.000023 IJ
1,2,3,7,8-PeCDF		Not Applicable	0.0000097	0.0000034
2,3,4,7,8-PeCDF		Not Applicable	0.0000077	0.0000034
PeCDFs (total)		Not Applicable	0.00017 I	0.000032 I
1,2,3,4,7,8-HxCDF		Not Applicable	0.000013	0.0000056
1,2,3,6,7,8-HxCDF		Not Applicable	0.000010	0.0000041
1,2,3,7,8,9-HxCDF		Not Applicable	0.0000028	0.0000022
2,3,4,6,7,8-HxCDF		Not Applicable	0.0000054	0.0000026
HxCDFs (total)		Not Applicable	0.00014 I	0.000028
1,2,3,4,6,7,8-HpCDF		Not Applicable	ND(0.000027) X	ND(0.0000018)
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.0000070	0.0000046
HpCDFs (total)		Not Applicable	0.000050	0.0000091
OCDF		Not Applicable	0.000040	0.0000099
Dioxins				
2,3,7,8-TCDD		Not Applicable	ND(0.00000019)	ND(0.00000012)
TCDDs (total)		Not Applicable	0.00000075	ND(0.00000012)
1,2,3,7,8-PeCDD		Not Applicable	0.0000052	0.0000030
PeCDDs (total)		Not Applicable	0.0000052	0.0000030
1,2,3,4,7,8-HxCDD		Not Applicable	0.0000065	0.0000043
1,2,3,6,7,8-HxCDD		Not Applicable	0.000012	0.0000034
1,2,3,7,8,9-HxCDD		Not Applicable	0.0000092	0.0000031
HxCDDs (total)		Not Applicable	0.000045	0.000014
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.00012	0.000012
HpCDDs (total)		Not Applicable	0.00020	0.000020
OCDD		Not Applicable	0.00070	0.000074
Total TEQs (WHO TEFs)		Not Applicable	0.000018	0.0000080
Inorganics				
Aluminum		75,000	NA	NA
Antimony		30	0.950 B	ND(6.00)
Arsenic		0.38	8.40	6.80
Barium		5,200	39.0	21.0
Beryllium		150	0.210 B	0.210 B
Cadmium		37	ND(0.500)	ND(0.500)
Calcium		Not Listed	NA	NA
Chromium		210	9.80	6.80
Cobalt		3,300	10.0	7.20
Copper		2,800	36.0	16.0
Cyanide		11	0.0710 J	ND(0.220) J
Iron		22,000	NA	NA
Lead		400	120	39.0
Magnesium		Not Listed	NA	NA
Manganese		3,100	NA	NA
Mercury		22	0.0960 B	0.0210 B
Nickel		1,500	20.0	14.0
Potassium		Not Listed	NA	NA
Selenium		370	0.540 J	ND(1.00) J
Silver		370	ND(1.00)	ND(1.00)
Sodium		Not Listed	NA	NA
Sulfide		350	7.00	24.0
Thallium		6	ND(1.10) J	ND(1.10) J
Tin		45,000	ND(10.0)	ND(10.0)
Vanadium		520	10.0	6.60
Zinc		22,000	76.0	43.0

**TABLE E-127
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 2 (RA-2)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Data Types: PDI = GE Pre-Design Investigation soil sampling; Historical = GE Historical soil sampling.
3. PDI Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
4. NA - Not Analyzed.
5. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
6. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- B - Analyte was also detected in the associated method blank.
- J - Estimated Value.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- 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 - Estimated Value.

**TABLE E-128
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
RECREATIONAL AREA 2 (RA-2)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS**

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Semivolatile Organics			
2-Methylnaphthalene	0.12	55*	No
Acenaphthene	0.74	2,600	No
Acenaphthylene	1.2	55*	No
Anthracene	0.78	14,000	No
Benzo(a)anthracene	1.7	0.56	Yes
Benzo(a)pyrene	2.6	0.056	Yes
Benzo(b)fluoranthene	3.2	0.56	Yes
Benzo(g,h,i)perylene	2.7	55*	No
Benzo(k)fluoranthene	1.8	5.6	No
bis(2-Ethylhexyl)phthalate	0.84	32	No
Butylbenzylphthalate	0.37	930	No
Chrysene	1.6	56	No
Dibenzo(a,h)anthracene	0.66	0.056	Yes
Dibenzofuran	0.13	210	No
Di-n-Butylphthalate	0.18	5,500	No
Fluoranthene	3.6	2,000	No
Fluorene	0.37	1,800	No
Indeno(1,2,3-cd)pyrene	2.1	0.56	Yes
Naphthalene	0.14	55	No
Phenanthrene	2	55*	No
Pyrene	2.9	1,500	No
Inorganics			
Antimony	0.95	30	No
Arsenic	8.5	0.38	Yes
Barium	61	5,200	No
Beryllium	0.22	150	No
Cadmium	0.18	37	No
Chromium	10	210	No
Cobalt	10	3,300	No
Copper	62	2,800	No
Cyanide	0.7	11*	No
Lead	200	400	No
Mercury	0.13	22	No
Nickel	20	1,500	No
Selenium	0.6	370	No
Silver	0.13	370	No
Sulfide	24	350*	No
Vanadium	13	520	No
Zinc	92	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-129
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 2 (RA-2): 0- TO 1-FOOT DEPTH INCREMENT

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	SLB-2BB 0-0.5 01/19/95	SLB-2TB 0-0.5 10/11/95	RA-2-SB-3 0-1 06/10/03	RA-2-SB-6 0-1 06/10/03	RA-2-SB-9 0-1 06/10/03
Semivolatile Organics					
Benzo(a)anthracene	1.4	1.2	1.7	1.3	0.42
Benzo(a)pyrene	1.2	1.6	2.6	1.3	0.49
Benzo(b)fluoranthene	1.1	1.8	3.2	1.5	0.59
Dibenzo(a,h)anthracene	2.2	0.082	0.66	0.26	0.18
Indeno(1,2,3-cd)pyrene	2.2	0.39	2.1	0.89	0.37
Dioxins/Furans					
Total TEQs (WHO TEFs)	3.10E-06	--	3.10E-06	4.60E-05	2.60E-05
Inorganics					
Arsenic	1.60	--	4.80	2.90	8.50

Sample ID: Sample Depth(Feet): Date Collected:	RA-2-SB-11 0-1 06/10/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics					
Benzo(a)anthracene	0.47	N/A (See Note 5)	1.1	7	No
Benzo(a)pyrene	0.59	N/A (See Note 5)	1.3	2	No
Benzo(b)fluoranthene	0.78	N/A (See Note 5)	1.5	7	No
Dibenzo(a,h)anthracene	0.18	N/A (See Note 5)	0.59	0.7	No
Indeno(1,2,3-cd)pyrene	0.46	N/A (See Note 5)	1.1	7	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	1.80E-05	4.60E-05	N/A (See Note 5)	1.00E-03	No
Inorganics					
Arsenic	8.40	N/A (See Note 5)	5.24	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Constituent not subject to analysis.

**TABLE E-129A
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 2 (RA-2): 0- TO 3-FOOT DEPTH INCREMENT**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	SLB-2BB 0-0.5 01/19/95	SLB-2TB 0-0.5 10/11/95	RA-2-SB-3 0-1 06/10/03	RA-2-SB-6 0-1 06/10/03	RA-2-SB-9 0-1 06/10/03	RA-2-SB-11 0-1 06/10/03	RA-2-SB-3 1-3 06/10/03
Semivolatle Organics							
Benzo(a)anthracene	1.4	1.2	1.7	1.3	0.42	0.47	0.45
Benzo(a)pyrene	1.2	1.6	2.6	1.3	0.49	0.59	0.56
Benzo(b)fluoranthene	1.1	1.8	3.2	1.5	0.59	0.78	0.65
Dibenzo(a,h)anthracene	2.2	0.082	0.66	0.26	0.18	0.18	0.18
Indeno(1,2,3-cd)pyrene	2.2	0.39	2.1	0.89	0.37	0.46	0.40
Dioxins/Furans							
Total TEQs (WHO TEFs)	3.10E-06	--	3.10E-06	4.60E-05	2.60E-05	1.80E-05	3.80E-05
Inorganics							
Arsenic	1.60	--	4.80	2.90	8.50	8.40	6.50

	RA-2-SB-6 1-3 06/10/03	RA-2-SB-9 1-3 06/10/03	RA-2-SB-11 1-3 06/10/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatle Organics							
Benzo(a)anthracene	1.2	0.36	0.18	N/A (See Note 5)	0.87	7	No
Benzo(a)pyrene	1.2	0.51	0.18	N/A (See Note 5)	1.0	2	No
Benzo(b)fluoranthene	1.4	0.68	0.18	N/A (See Note 5)	1.2	7	No
Dibenzo(a,h)anthracene	0.28	0.19	0.18	N/A (See Note 5)	0.44	0.7	No
Indeno(1,2,3-cd)pyrene	0.77	0.40	0.18	N/A (See Note 5)	0.82	7	No
Dioxins/Furans							
Total TEQs (WHO TEFs)	1.30E-05	1.50E-06	8.00E-06	4.60E-05	N/A (See Note 5)	1.00E-03	No
Inorganics							
Arsenic	4.00	7.40	6.80	N/A (See Note 5)	5.66	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Not analyzed.

**TABLE E-130
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 2 (RA-2): 1- TO 3-FOOT DEPTH INCREMENT**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	RA-2-SB-3 1-3 06/10/03	RA-2-SB-6 1-3 06/10/03	RA-2-SB-9 1-3 06/10/03	RA-2-SB-11 1-3 06/10/03
Semivolatile Organics				
Benzo(a)anthracene	0.45	1.2	0.36	0.18
Benzo(a)pyrene	0.56	1.2	0.51	0.18
Benzo(b)fluoranthene	0.65	1.4	0.68	0.18
Dibenzo(a,h)anthracene	0.18	0.28	0.19	0.18
Indeno(1,2,3-cd)pyrene	0.40	0.77	0.40	0.18
Dioxins/Furans				
Total TEQs (WHO TEFs)	3.80E-05	1.30E-05	1.50E-06	8.00E-06
Inorganics				
Arsenic	6.50	4.00	7.40	6.80
	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 5)	0.55	7	No
Benzo(a)pyrene	N/A (See Note 5)	0.61	2	No
Benzo(b)fluoranthene	N/A (See Note 5)	0.73	7	No
Dibenzo(a,h)anthracene	N/A (See Note 5)	0.21	0.7	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 5)	0.44	7	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	3.80E-05	N/A (See Note 5)	1.50E-03	No
Inorganics				
Arsenic	N/A (See Note 5)	6.18	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

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Recreational Area RA-3

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA BH001466 SL-BH001466-0-0000 0-1 04/09/08	EPA BH001466 SL-BH001466-0-0010 1-3 04/09/08	EPA BH001467 SL-BH001467-0-0000 0-1 04/09/08	EPA BH001467 SL-BH001467-0-0010 1-3 04/09/08
Parameter					
Volatile Organics					
1,1,1,2-Tetrachloroethane	2.8	NA	NA	NA	NA
1,1,1-Trichloroethane	680	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	0.36	NA	NA	NA	NA
1,1,2-Trichloroethane	0.82	NA	NA	NA	NA
1,1-Dichloroethane	570	NA	NA	NA	NA
1,1-Dichloroethene	0.052	NA	NA	NA	NA
1,2,3-Trichloropropane	0.0014	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	0.32	NA	NA	NA	NA
1,2-Dibromoethane	0.0049	NA	NA	NA	NA
1,2-Dichloroethane	0.34	NA	NA	NA	NA
1,2-Dichloropropane	0.34	NA	NA	NA	NA
1,4-Dioxane	40	NA	NA	NA	NA
2-Butanone	6,900	NA	NA	NA	NA
2-Chloro-1,3-butadiene	3.6	NA	NA	NA	NA
2-Chloroethylvinylether	0.18	NA	NA	NA	NA
2-Hexanone	750	NA	NA	NA	NA
3-Chloropropene	2,700	NA	NA	NA	NA
4-Methyl-2-pentanone	750	NA	NA	NA	NA
Acetone	1,400	NA	NA	NA	NA
Acetonitrile	200	NA	NA	NA	NA
Acrolein	0.1	NA	NA	NA	NA
Acrylonitrile	0.19	NA	NA	NA	NA
Benzene	0.62	NA	NA	NA	NA
Bromodichloromethane	0.98	NA	NA	NA	NA
Bromoform	56	NA	NA	NA	NA
Bromomethane	3.8	NA	NA	NA	NA
Carbon Disulfide	350	NA	NA	NA	NA
Carbon Tetrachloride	0.23	NA	NA	NA	NA
Chlorobenzene	54	NA	NA	NA	NA
Chloroethane	1,600	NA	NA	NA	NA
Chloroform	0.24	NA	NA	NA	NA
Chloromethane	1.2	NA	NA	NA	NA
cis-1,3-Dichloropropene	Not Listed	NA	NA	NA	NA
Dibromochloromethane	5.3	NA	NA	NA	NA
Dibromomethane	550	NA	NA	NA	NA
Dichlorodifluoromethane	94	NA	NA	NA	NA
Ethyl Methacrylate	140	NA	NA	NA	NA
Ethylbenzene	230	NA	NA	NA	NA
Iodomethane	1.2	NA	NA	NA	NA
Isobutanol	10,000	NA	NA	NA	NA
Methacrylonitrile	1.8	NA	NA	NA	NA
Methyl Methacrylate	2,200	NA	NA	NA	NA
Methylene Chloride	8.5	NA	NA	NA	NA
Propionitrile	200	NA	NA	NA	NA
Styrene	1,700	NA	NA	NA	NA
Tetrachloroethene	4.7	NA	NA	NA	NA
Toluene	520	NA	NA	NA	NA
trans-1,2-Dichloroethene	62	NA	NA	NA	NA
trans-1,3-Dichloropropene	Not Listed	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	Not Listed	NA	NA	NA	NA
Trichloroethene	2.7	NA	NA	NA	NA
Trichlorofluoromethane	380	NA	NA	NA	NA
Vinyl Acetate	420	NA	NA	NA	NA
Vinyl Chloride	0.021	NA	NA	NA	NA
Xylenes (total)	210	NA	NA	NA	NA

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA BH001466 SL-BH001466-0-0000 0-1 04/09/08	EPA BH001466 SL-BH001466-0-0010 1-3 04/09/08	EPA BH001467 SL-BH001467-0-0000 0-1 04/09/08	EPA BH001467 SL-BH001467-0-0010 1-3 04/09/08
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	16	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
1,2,4-Trichlorobenzene	480	ND(1.2)	ND(1.0)	ND(0.52)	ND(1.7)
1,2-Dichlorobenzene	370	ND(1.2)	ND(1.0)	ND(0.52)	ND(1.7)
1,2-Diphenylhydrazine	0.56	NA	NA	NA	NA
1,3,5-Trinitrobenzene	1,600	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
1,3-Dichlorobenzene	41	ND(1.2)	ND(1.0)	ND(0.52)	ND(1.7)
1,3-Dinitrobenzene	5.5	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
1,4-Dichlorobenzene	3	ND(1.2)	ND(1.0)	ND(0.52)	ND(1.7)
1,4-Naphthoquinone	55	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
1-Naphthylamine	Not Listed	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
2,3,4,6-Tetrachlorophenol	1,600	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
2,4,5-Trichlorophenol	5,500	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
2,4,6-Trichlorophenol	40	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
2,4-Dichlorophenol	160	ND(1.2)	ND(1.0)	ND(0.52)	ND(1.7)
2,4-Dimethylphenol	1,100	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
2,4-Dinitrophenol	110	ND(31)	ND(26)	ND(13)	ND(44)
2,4-Dinitrotoluene	110	2.9 J	ND(5.1)	ND(2.6)	ND(8.6)
2,6-Dichlorophenol	160	ND(1.2)	ND(1.0)	ND(0.52)	ND(1.7)
2,6-Dinitrotoluene	55	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
2-Acetylaminofluorene	0.56	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
2-Chloronaphthalene	3,700	ND(1.2)	ND(1.0)	ND(0.52)	ND(1.7)
2-Chlorophenol	59	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
2-Methylnaphthalene	55	ND(1.2)	ND(1.0)	ND(0.52)	ND(1.7)
2-Methylphenol	2,700	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
2-Naphthylamine	Not Listed	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
2-Nitroaniline	3.3	ND(31)	ND(26)	ND(13)	ND(44)
2-Nitrophenol	Not Listed	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
2-Picoline	55	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
3&4-Methylphenol	270	NA	NA	NA	NA
3,3'-Dichlorobenzidine	0.99	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
3,3'-Dimethylbenzidine	0.048	ND(31)	ND(26)	ND(13)	ND(44)
3-Methylcholanthrene	0.056	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
3-Nitroaniline	5.5	ND(31)	ND(26)	ND(13)	ND(44)
4,6-Dinitro-2-methylphenol	55	ND(31)	ND(26)	ND(13)	ND(44)
4-Aminobiphenyl	1,400	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
4-Bromophenyl-phenylether	160	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
4-Chloro-3-Methylphenol	2,700	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
4-Chloroaniline	220	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
4-Chlorobenzilate	1.6	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
4-Chlorophenyl-phenylether	Not Listed	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
4-Methylphenol	270	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
4-Nitroaniline	5.5	ND(31)	ND(26)	ND(13)	ND(44)
4-Nitrophenol	3,400	ND(31)	ND(26)	ND(13)	ND(44)
4-Nitroquinoline-1-oxide	110	ND(31)	ND(26)	ND(13)	ND(44)
4-Phenylenediamine	10,000	ND(120)	ND(100)	ND(52)	ND(170)
5-Nitro-o-toluidine	13	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
7,12-Dimethylbenz(a)anthracene	0.056	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
a,a'-Dimethylphenethylamine	55	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
Acenaphthene	2,600	ND(1.2)	ND(1.0)	0.23 J	ND(1.7)
Acenaphthylene	55	1.5	ND(1.0)	0.86	0.64 J
Acetophenone	0.49	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
Aniline	78	0.61 J	ND(5.1)	0.51 J	ND(8.6)
Anthracene	14,000	1.2	ND(1.0)	0.90	1.4 J
Aramite	18	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
Azobenzene	4	ND(1.2)	ND(1.0)	ND(0.52)	ND(1.7)
Benzidine	0.0019	NA	NA	NA	NA

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA BH001466 SL-BH001466-0-0000 0-1 04/09/08	EPA BH001466 SL-BH001466-0-0010 1-3 04/09/08	EPA BH001467 SL-BH001467-0-0000 0-1 04/09/08	EPA BH001467 SL-BH001467-0-0010 1-3 04/09/08
Semivolatile Organics (continued)					
Benzo(a)anthracene	0.56	4.0	0.67 J	3.4	4.9
Benzo(a)pyrene	0.056	4.2	0.62 J	3.2	4.1
Benzo(b)fluoranthene	0.56	5.4	1.5	4.4	5.7
Benzo(g,h,i)perylene	55	3.6	0.63 J	2.6	3.2
Benzo(k)fluoranthene	5.6	1.9	0.33 J	1.4	2.2
Benzyl Alcohol	16,000	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
bis(2-Chloroethoxy)methane	Not Listed	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
bis(2-Chloroethyl)ether	0.18	ND(1.2)	ND(1.0)	ND(0.52)	ND(1.7)
bis(2-Chloroisopropyl)ether	2.5	ND(1.2)	ND(1.0)	ND(0.52)	ND(1.7)
bis(2-Ethylhexyl)phthalate	32	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
Butylbenzylphthalate	930	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
Chrysene	56	4.8	0.73 J	3.8	4.4
Diallate	7.3	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
Dibenzo(a,h)anthracene	0.056	0.95 J	ND(1.0)	0.86	0.73 J
Dibenzofuran	210	ND(5.9)	ND(5.1)	0.14 J	ND(8.6)
Diethylphthalate	44,000	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
Dimethylphthalate	100,000	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
Di-n-Butylphthalate	5,500	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
Di-n-Octylphthalate	1,100	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
Dinoseb	55	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
Diphenylamine	1,400	NA	NA	NA	NA
Ethyl Methanesulfonate	Not Listed	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
Fluoranthene	2,000	8.5	1.3	7.3	8.9
Fluorene	1,800	0.41 J	ND(1.0)	0.29 J	ND(1.7)
Hexachlorobenzene	0.28	ND(1.2)	ND(1.0)	ND(0.52)	ND(1.7)
Hexachlorobutadiene	5.7	ND(1.2)	ND(1.0)	ND(0.52)	ND(1.7)
Hexachlorocyclopentadiene	380	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
Hexachloroethane	32	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
Hexachlorophene	16	NA	NA	NA	NA
Hexachloropropene	Not Listed	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
Indeno(1,2,3-cd)pyrene	0.56	3.3	0.87 J	2.5	3.4
Isodrin	Not Listed	NA	NA	NA	NA
Isophorone	470	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
Isosafrole	Not Listed	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
Methapyrene	55	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
Methyl Methanesulfonate	Not Listed	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
Naphthalene	55	ND(1.2)	ND(1.0)	0.20 J	ND(1.7)
Nitrobenzene	16	ND(1.2)	ND(1.0)	ND(0.52)	ND(1.7)
N-Nitrosodiethylamine	0.003	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
N-Nitrosodimethylamine	0.0087	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
N-Nitroso-di-n-butylamine	0.022	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
N-Nitroso-di-n-propylamine	0.063	ND(1.2)	ND(1.0)	ND(0.52)	ND(1.7)
N-Nitrosodiphenylamine	91	ND(1.2)	ND(1.0)	ND(0.52)	ND(1.7)
N-Nitrosomethylethylamine	0.02	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
N-Nitrosomorpholine	0.21	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
N-Nitrosopiperidine	0.21	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
N-Nitrosopyrrolidine	0.21	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
o,o,o-Triethylphosphorothioate	11	NA	NA	NA	NA
o-Toluidine	1.9	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
p-Dimethylaminoazobenzene	0.99	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
Pentachlorobenzene	44	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
Pentachloroethane	2.8	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
Pentachloronitrobenzene	1.7	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
Pentachlorophenol	2.5	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
Phenacetin	640	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
Phenanthrene	55	4.0	0.59 J	3.9	5.1

TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA BH001466 SL-BH001466-0-0000 0-1 04/09/08	EPA BH001466 SL-BH001466-0-0010 1-3 04/09/08	EPA BH001467 SL-BH001467-0-0000 0-1 04/09/08	EPA BH001467 SL-BH001467-0-0010 1-3 04/09/08
Semivolatile Organics (continued)					
Phenol	33,000	ND(1.2)	ND(1.0)	ND(0.52)	ND(1.7)
Pronamide	4,100	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
Pyrene	1,500	7.8	1.0	6.7	7.6
Pyridine	55	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
Safrole	Not Listed	ND(5.9)	ND(5.1)	ND(2.6)	ND(8.6)
Thionazin	330	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Applicable	NA	NA	NA	NA
TCDFs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	NA	NA	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	NA	NA	NA	NA
PeCDFs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA
HxCDFs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	NA	NA	NA
HpCDFs (total)	Not Applicable	NA	NA	NA	NA
OCDF	Not Applicable	NA	NA	NA	NA
Dioxins					
2,3,7,8-TCDD	Not Applicable	NA	NA	NA	NA
TCDDs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	NA	NA	NA	NA
PeCDDs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	NA	NA	NA	NA
HxCDDs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	NA	NA	NA
HpCDDs (total)	Not Applicable	NA	NA	NA	NA
OCDD	Not Applicable	NA	NA	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	NA	NA	NA	NA
Inorganics					
Antimony	30	ND(0.120)	ND(0.0870)	ND(0.0890)	ND(0.0860)
Arsenic	0.38	12.0	12.3	15.1	14.9
Barium	5,200	66.7	45.4	138	124
Beryllium	150	0.460	0.390	0.600	0.510
Cadmium	37	1.70	0.550	1.90	0.930
Chromium	210	24.4	15.3	21.3	17.8
Cobalt	3,300	8.60	8.50	8.70	11.5
Copper	2,800	186	78.3	183	132
Lead	400	304	439	434	236
Mercury	22	2.40 J	0.430 J	1.30 J	1.90 J
Nickel	1,500	37.1	18.2	33.0	40.2
Selenium	370	1.00	0.210	1.20	0.380
Silver	370	3.00 J	0.520 J	0.870 J	1.00 J
Thallium	6	ND(0.0830)	ND(0.0590)	ND(0.0600)	ND(0.0580)
Tin	45,000	30.1	21.2	17.3	24.9
Vanadium	520	54.7	13.5	45.1	25.3
Zinc	22,000	236	101	271	229
Cyanide	11	NA	NA	NA	NA
Sulfide	350	NA	NA	NA	NA

TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA BH001473 SL-BH001473-0-0000 0-1 04/09/08	EPA BH001473 SL-BH001473-0-0010 1-3 04/09/08	Historical SLB-9 Bottom Bank SLB-9-BB 0-0.5 02/23/95	Historical SLB-9 Top Bank SLB-9-TB 0-0.5 10/11/95
Volatile Organics					
1,1,1,2-Tetrachloroethane	2.8	NA	NA	NA	NA
1,1,1-Trichloroethane	680	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	0.36	NA	NA	NA	NA
1,1,2-Trichloroethane	0.82	NA	NA	NA	NA
1,1-Dichloroethane	570	NA	NA	NA	NA
1,1-Dichloroethene	0.052	NA	NA	NA	NA
1,2,3-Trichloropropane	0.0014	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	0.32	NA	NA	NA	NA
1,2-Dibromoethane	0.0049	NA	NA	NA	NA
1,2-Dichloroethane	0.34	NA	NA	NA	NA
1,2-Dichloropropane	0.34	NA	NA	NA	NA
1,4-Dioxane	40	NA	NA	NA	NA
2-Butanone	6,900	NA	NA	NA	NA
2-Chloro-1,3-butadiene	3.6	NA	NA	NA	NA
2-Chloroethylvinylether	0.18	NA	NA	NA	NA
2-Hexanone	750	NA	NA	NA	NA
3-Chloropropene	2,700	NA	NA	NA	NA
4-Methyl-2-pentanone	750	NA	NA	NA	NA
Acetone	1,400	NA	NA	NA	NA
Acetonitrile	200	NA	NA	NA	NA
Acrolein	0.1	NA	NA	NA	NA
Acrylonitrile	0.19	NA	NA	NA	NA
Benzene	0.62	NA	NA	NA	NA
Bromodichloromethane	0.98	NA	NA	NA	NA
Bromoform	56	NA	NA	NA	NA
Bromomethane	3.8	NA	NA	NA	NA
Carbon Disulfide	350	NA	NA	NA	NA
Carbon Tetrachloride	0.23	NA	NA	NA	NA
Chlorobenzene	54	NA	NA	NA	NA
Chloroethane	1,600	NA	NA	NA	NA
Chloroform	0.24	NA	NA	NA	NA
Chloromethane	1.2	NA	NA	NA	NA
cis-1,3-Dichloropropene	Not Listed	NA	NA	NA	NA
Dibromochloromethane	5.3	NA	NA	NA	NA
Dibromomethane	550	NA	NA	NA	NA
Dichlorodifluoromethane	94	NA	NA	NA	NA
Ethyl Methacrylate	140	NA	NA	NA	NA
Ethylbenzene	230	NA	NA	NA	NA
Iodomethane	1.2	NA	NA	NA	NA
Isobutanol	10,000	NA	NA	NA	NA
Methacrylonitrile	1.8	NA	NA	NA	NA
Methyl Methacrylate	2,200	NA	NA	NA	NA
Methylene Chloride	8.5	NA	NA	NA	NA
Propionitrile	200	NA	NA	NA	NA
Styrene	1,700	NA	NA	NA	NA
Tetrachloroethene	4.7	NA	NA	NA	NA
Toluene	520	NA	NA	NA	NA
trans-1,2-Dichloroethene	62	NA	NA	NA	NA
trans-1,3-Dichloropropene	Not Listed	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	Not Listed	NA	NA	NA	NA
Trichloroethene	2.7	NA	NA	NA	NA
Trichlorofluoromethane	380	NA	NA	NA	NA
Vinyl Acetate	420	NA	NA	NA	NA
Vinyl Chloride	0.021	NA	NA	NA	NA
Xylenes (total)	210	NA	NA	NA	NA

TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Data Type: Location ID: Sample ID: Sample Depth(Feet): Paramete Date Collected:	EPA Region 9 Residential PRGs	EPA BH001473 SL-BH001473-0-0000 0-1 04/09/08	EPA BH001473 SL-BH001473-0-0010 1-3 04/09/08	Historical SLB-9 Bottom Bank SLB-9-BB 0-0.5 02/23/95	Historical SLB-9 Top Bank SLB-9-TB 0-0.5 10/11/95
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	16	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
1,2,4-Trichlorobenzene	480	ND(1.8)	ND(1.7)	ND(4.2)	ND(3.9)
1,2-Dichlorobenzene	370	ND(1.8)	ND(1.7)	ND(4.2)	ND(3.9)
1,2-Diphenylhydrazine	0.56	NA	NA	ND(4.2)	ND(3.9)
1,3,5-Trinitrobenzene	1,600	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
1,3-Dichlorobenzene	41	ND(1.8)	ND(1.7)	ND(4.2)	ND(3.9)
1,3-Dinitrobenzene	5.5	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
1,4-Dichlorobenzene	3	ND(1.8)	ND(1.7)	ND(4.2)	ND(3.9)
1,4-Naphthoquinone	55	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
1-Naphthylamine	Not Listed	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
2,3,4,6-Tetrachlorophenol	1,600	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
2,4,5-Trichlorophenol	5,500	ND(8.8)	ND(8.2)	ND(10)	ND(9.4)
2,4,6-Trichlorophenol	40	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
2,4-Dichlorophenol	160	ND(1.8)	ND(1.7)	ND(4.2)	ND(3.9)
2,4-Dimethylphenol	1,100	ND(8.8)	ND(8.2)	ND(4.2)	0.70 J
2,4-Dinitrophenol	110	ND(45)	ND(42)	ND(10)	ND(9.4)
2,4-Dinitrotoluene	110	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
2,6-Dichlorophenol	160	ND(1.8)	ND(1.7)	ND(4.2)	ND(3.9)
2,6-Dinitrotoluene	55	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
2-Acetylaminofluorene	0.56	ND(8.8)	ND(8.2)	ND(8.5)	ND(7.8)
2-Chloronaphthalene	3,700	ND(1.8)	ND(1.7)	ND(4.2)	ND(3.9)
2-Chlorophenol	59	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
2-Methylnaphthalene	55	ND(1.8)	ND(1.7)	0.72 J	0.46 J
2-Methylphenol	2,700	ND(8.8)	ND(8.2)	1.5 J	0.41 J
2-Naphthylamine	Not Listed	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
2-Nitroaniline	3.3	ND(45)	ND(42)	ND(10)	ND(9.4)
2-Nitrophenol	Not Listed	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
2-Picoline	55	ND(8.8)	ND(8.2)	ND(4.2)	ND(7.8)
3&4-Methylphenol	270	NA	NA	ND(4.2)	0.52 J
3,3'-Dichlorobenzidine	0.99	ND(8.8)	ND(8.2)	ND(8.5)	ND(7.8)
3,3'-Dimethylbenzidine	0.048	ND(45)	ND(42)	ND(8.5)	ND(7.8)
3-Methylcholanthrene	0.056	2.8 J	ND(8.2)	ND(4.2)	ND(3.9)
3-Nitroaniline	5.5	ND(45)	ND(42)	ND(10)	ND(9.4)
4,6-Dinitro-2-methylphenol	55	ND(45)	ND(42)	ND(10)	ND(9.4)
4-Aminobiphenyl	1,400	ND(8.8)	ND(8.2)	ND(8.5)	ND(7.8)
4-Bromophenyl-phenylether	160	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
4-Chloro-3-Methylphenol	2,700	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
4-Chloroaniline	220	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
4-Chlorobenzilate	1.6	ND(8.8)	ND(8.2)	ND(8.5)	ND(7.8)
4-Chlorophenyl-phenylether	Not Listed	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
4-Methylphenol	270	ND(8.8)	ND(8.2)	NA	NA
4-Nitroaniline	5.5	ND(45)	ND(42)	ND(10)	ND(9.4)
4-Nitrophenol	3,400	ND(45)	ND(42)	ND(10)	ND(9.4)
4-Nitroquinoline-1-oxide	110	0 R	0 R	ND(4.2)	ND(3.9)
4-Phenylenediamine	10,000	ND(180)	ND(170)	ND(8.5)	ND(7.8)
5-Nitro-o-toluidine	13	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
7,12-Dimethylbenz(a)anthracen	0.056	ND(8.8)	ND(8.2)	ND(4.2)	ND(7.8)
a,a'-Dimethylphenethylamine	55	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
Acenaphthene	2,600	ND(1.8)	ND(1.7)	3.0 J	2.0 J
Acenaphthylene	55	1.3 J	1.4 J	ND(4.2)	1.9 J
Acetophenone	0.49	ND(8.8)	ND(8.2)	1.7 JB	ND(3.9)
Aniline	78	0.39 J	ND(8.2)	12	6.7
Anthracene	14,000	1.1 J	2.0	3.9 J	5.0
Aramite	18	ND(8.8)	ND(8.2)	ND(8.5)	ND(7.8)
Azobenzene	4	ND(1.8)	ND(1.7)	NA	NA
Benzidine	0.0019	NA	NA	ND(4.2)	ND(3.9)

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Paramete Date Collected:	EPA Region 9 Residential PRGs	EPA BH001473 SL-BH001473-0-0000 0-1 04/09/08	EPA BH001473 SL-BH001473-0-0010 1-3 04/09/08	Historical SLB-9 Bottom Bank SLB-9-BB 0-0.5 02/23/95	Historical SLB-9 Top Bank SLB-9-TB 0-0.5 10/11/95
Semivolatile Organics (continued)					
Benzo(a)anthracene	0.56	6.9	7.1	8.0	14
Benzo(a)pyrene	0.056	9.6	9.2	7.2	16
Benzo(b)fluoranthene	0.56	9.4	8.2	9.3	17
Benzo(g,h,i)perylene	55	10	7.3	1.1 J	3.6 J
Benzo(k)fluoranthene	5.6	3.5	2.8	6.9	11
Benzyl Alcohol	16,000	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
bis(2-Chloroethoxy)methane	Not Listed	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
bis(2-Chloroethyl)ether	0.18	ND(1.8)	ND(1.7)	ND(4.2)	ND(3.9)
bis(2-Chloroisopropyl)ether	2.5	ND(1.8)	ND(1.7)	ND(4.2)	ND(3.9)
bis(2-Ethylhexyl)phthalate	32	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
Butylbenzylphthalate	930	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
Chrysene	56	6.9	5.9	8.7	17
Diallate	7.3	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
Dibenzo(a,h)anthracene	0.056	3.1	3.0	2.1 J	ND(3.9)
Dibenzofuran	210	ND(8.8)	ND(8.2)	1.4 J	0.84 J
Diethylphthalate	44,000	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
Dimethylphthalate	100,000	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
Di-n-Butylphthalate	5,500	ND(8.8)	ND(8.2)	1.5 J	2.9 JB
Di-n-Octylphthalate	1,100	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
Dinoseb	55	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
Diphenylamine	1,400	NA	NA	ND(4.2)	ND(3.9)
Ethyl Methanesulfonate	Not Listed	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
Fluoranthene	2,000	15	14	12	31
Fluorene	1,800	ND(1.8)	0.44 J	2.6 J	1.8 J
Hexachlorobenzene	0.28	ND(1.8)	ND(1.7)	ND(4.2)	ND(3.9)
Hexachlorobutadiene	5.7	ND(1.8)	ND(1.7)	ND(4.2)	ND(3.9)
Hexachlorocyclopentadiene	380	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
Hexachloroethane	32	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
Hexachlorophene	16	NA	NA	ND(21)	ND(19)
Hexachloropropene	Not Listed	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
Indeno(1,2,3-cd)pyrene	0.56	7.5	6.6	3.2 J	4.7
Isodrin	Not Listed	NA	NA	NA	NA
Isophorone	470	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
Isosafrole	Not Listed	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
Methapyrilene	55	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
Methyl Methanesulfonate	Not Listed	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
Naphthalene	55	ND(1.8)	0.42 J	4.5	0.92 J
Nitrobenzene	16	ND(1.8)	ND(1.7)	ND(4.2)	ND(3.9)
N-Nitrosodiethylamine	0.003	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
N-Nitrosodimethylamine	0.0087	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
N-Nitroso-di-n-butylamine	0.022	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
N-Nitroso-di-n-propylamine	0.063	ND(1.8)	ND(1.7)	ND(4.2)	ND(3.9)
N-Nitrosodiphenylamine	91	ND(1.8)	ND(1.7)	ND(4.2)	ND(3.9)
N-Nitrosomethylethylamine	0.02	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
N-Nitrosomorpholine	0.21	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
N-Nitrosopiperidine	0.21	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
N-Nitrosopyrrolidine	0.21	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
o,o'-Triethylphosphorothioate	11	NA	NA	NA	NA
o-Toluidine	1.9	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
p-Dimethylaminoazobenzene	0.99	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
Pentachlorobenzene	44	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
Pentachloroethane	2.8	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
Pentachloronitrobenzene	1.7	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
Pentachlorophenol	2.5	ND(8.8)	ND(8.2)	ND(10)	ND(9.4)
Phenacetin	640	ND(8.8)	ND(8.2)	ND(8.5)	ND(7.8)
Phenanthrene	55	5.0	5.6	11	18

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA BH001473 SL-BH001473-0-0000 0-1 04/09/08	EPA BH001473 SL-BH001473-0-0010 1-3 04/09/08	Historical SLB-9 Bottom Bank SLB-9-BB 0-0.5 02/23/95	Historical SLB-9 Top Bank SLB-9-TB 0-0.5 10/11/95
Semivolatile Organics (continued)					
Phenol	33,000	ND(1.8)	ND(1.7)	5.9	2.0 J
Pronamide	4,100	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
Pyrene	1,500	13	12	14	21
Pyridine	55	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
Safrole	Not Listed	ND(8.8)	ND(8.2)	ND(4.2)	ND(3.9)
Thionazin	330	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Applicable	NA	NA	0.00027 Y	NA
TCDFs (total)	Not Applicable	NA	NA	0.0045	NA
1,2,3,7,8-PeCDF	Not Applicable	NA	NA	0.000073	NA
2,3,4,7,8-PeCDF	Not Applicable	NA	NA	0.00017	NA
PeCDFs (total)	Not Applicable	NA	NA	0.0040	NA
1,2,3,4,7,8-HxCDF	Not Applicable	NA	NA	0.00021	NA
1,2,3,6,7,8-HxCDF	Not Applicable	NA	NA	ND(0.00040) X	NA
1,2,3,7,8,9-HxCDF	Not Applicable	NA	NA	0.000087	NA
2,3,4,6,7,8-HxCDF	Not Applicable	NA	NA	0.00024	NA
HxCDFs (total)	Not Applicable	NA	NA	0.0048	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	NA	0.00055	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	NA	0.000087	NA
HpCDFs (total)	Not Applicable	NA	NA	0.0014	NA
OCDF	Not Applicable	NA	NA	0.00036	NA
Dioxins					
2,3,7,8-TCDD	Not Applicable	NA	NA	0.0000068	NA
TCDDs (total)	Not Applicable	NA	NA	0.000093	NA
1,2,3,7,8-PeCDD	Not Applicable	NA	NA	0.000024	NA
PeCDDs (total)	Not Applicable	NA	NA	0.000088	NA
1,2,3,4,7,8-HxCDD	Not Applicable	NA	NA	0.000027	NA
1,2,3,6,7,8-HxCDD	Not Applicable	NA	NA	0.000069	NA
1,2,3,7,8,9-HxCDD	Not Applicable	NA	NA	0.000074	NA
HxCDDs (total)	Not Applicable	NA	NA	0.00052	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	NA	0.00076	NA
HpCDDs (total)	Not Applicable	NA	NA	0.0014	NA
OCDD	Not Applicable	NA	NA	0.0041	NA
Total TEQs (WHO TEFs)	Not Applicable	NA	NA	0.00025	NA
Inorganics					
Antimony	30	1.60	2.20	6.50 B	NA
Arsenic	0.38	13.9	8.90	5.30	NA
Barium	5,200	80.1	72.7	47.8 B	NA
Beryllium	150	0.400	0.470	0.230 B	NA
Cadmium	37	2.40	0.570	2.00	NA
Chromium	210	23.8	13.6	24.1	NA
Cobalt	3,300	10.1	11.1	7.20 B	NA
Copper	2,800	4990	104	218	NA
Lead	400	449	150	294	NA
Mercury	22	1.50 J	0.620 J	1.30	NA
Nickel	1,500	42.8	23.3	38.1	NA
Selenium	370	0.780	ND(0.180)	2.00	NA
Silver	370	0.850	0.110	1.20 B	NA
Thallium	6	ND(0.0630)	ND(0.0570)	ND(1.10)	NA
Tin	45,000	232	38.4	27.3	NA
Vanadium	520	77.7	16.8	81.8	NA
Zinc	22,000	690	158	385	NA
Cyanide	11	NA	NA	ND(6.40)	NA
Sulfide	350	NA	NA	1360	NA

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	PDI	PDI	PDI	PDI	PDI
			RA-3-SB-1 RA-3-SB-1 0-1 06/10/03	RA-3-SB-1 RA-3-SB-1 1-3 06/10/03	RA-3-SB-1-E RA-3-SB-1-E 1-3 10/11/05	RA-3-SB-3 RA-3-SB-3 1-3 05/04/07	RA-3-SB-4 RA-3-SB-4 0-1 06/10/03	RA-3-SB-4 RA-3-SB-4 1-3 06/10/03
Volatiles Organics								
1,1,1,2-Tetrachloroethane		2.8	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
1,1,1-Trichloroethane		680	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
1,1,2-Trichloroethane		0.82	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
1,1-Dichloroethane		570	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
1,1-Dichloroethene		0.052	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
1,2,3-Trichloropropane		0.0014	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
1,2-Dibromoethane		0.0049	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
1,2-Dichloroethane		0.34	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
1,2-Dichloropropane		0.34	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
1,4-Dioxane		40	ND(0.15) J	ND(0.16) J	NA	NA	ND(0.11) J	ND(0.11) J
2-Butanone		6,900	ND(0.015)	ND(0.016)	NA	NA	ND(0.011)	ND(0.011)
2-Chloro-1,3-butadiene		3.6	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
2-Chloroethylvinylether		0.18	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
2-Hexanone		750	ND(0.015)	ND(0.016)	NA	NA	ND(0.011)	ND(0.011)
3-Chloropropene		2,700	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
4-Methyl-2-pentanone		750	ND(0.015)	ND(0.016)	NA	NA	ND(0.011)	ND(0.011)
Acetone		1,400	ND(0.029)	ND(0.031)	NA	NA	ND(0.023)	ND(0.022)
Acetonitrile		200	ND(0.15) J	ND(0.16) J	NA	NA	ND(0.11) J	ND(0.11) J
Acrolein		0.1	ND(0.15) J	ND(0.16) J	NA	NA	ND(0.11) J	ND(0.11) J
Acrylonitrile		0.19	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
Benzene		0.62	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
Bromodichloromethane		0.98	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
Bromoform		56	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
Bromomethane		3.8	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
Carbon Disulfide		350	ND(0.0073) J	ND(0.0078) J	NA	NA	ND(0.0057) J	ND(0.0055) J
Carbon Tetrachloride		0.23	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
Chlorobenzene		54	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
Chloroethane		1,600	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
Chloroform		0.24	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
Chloromethane		1.2	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
cis-1,3-Dichloropropene		Not Listed	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
Dibromochloromethane		5.3	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
Dibromomethane		550	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
Dichlorodifluoromethane		94	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
Ethyl Methacrylate		140	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
Ethylbenzene		230	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
Iodomethane		1.2	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
Isobutanol		10,000	ND(0.15) J	ND(0.16) J	NA	NA	ND(0.11) J	ND(0.11) J
Methacrylonitrile		1.8	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
Methyl Methacrylate		2,200	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
Methylene Chloride		8.5	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
Propionitrile		200	ND(0.015)	ND(0.016)	NA	NA	ND(0.011)	ND(0.011)
Styrene		1,700	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
Tetrachloroethene		4.7	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
Toluene		520	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
trans-1,2-Dichloroethene		62	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
trans-1,3-Dichloropropene		Not Listed	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
Trichloroethene		2.7	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
Trichlorofluoromethane		380	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
Vinyl Acetate		420	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
Vinyl Chloride		0.021	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)
Xylenes (total)		210	ND(0.0073)	ND(0.0078)	NA	NA	ND(0.0057)	ND(0.0055)

TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	PDI	PDI	PDI	PDI	PDI
			RA-3-SB-1 RA-3-SB-1 0-1 06/10/03	RA-3-SB-1 RA-3-SB-1 1-3 06/10/03	RA-3-SB-1-E RA-3-SB-1-E 1-3 10/11/05	RA-3-SB-3 RA-3-SB-3 1-3 05/04/07	RA-3-SB-4 RA-3-SB-4 0-1 06/10/03	RA-3-SB-4 RA-3-SB-4 1-3 06/10/03
Semivolatile Organics								
1,2,4,5-Tetrachlorobenzene		16	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
1,2,4-Trichlorobenzene		480	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
1,2-Dichlorobenzene		370	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
1,2-Diphenylhydrazine		0.56	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
1,3,5-Trinitrobenzene		1,600	ND(0.49)	ND(5.2)	ND(0.39) J	NA	ND(0.38)	ND(0.37)
1,3-Dichlorobenzene		41	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
1,3-Dinitrobenzene		5.5	ND(0.98)	ND(5.2)	ND(0.79) J	NA	ND(0.76)	ND(0.74)
1,4-Dichlorobenzene		3	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
1,4-Naphthoquinone		55	ND(0.98) J	ND(5.2) J	ND(0.79)	NA	ND(0.76)	ND(0.74) J
1-Naphthylamine		Not Listed	ND(0.98)	ND(5.2)	ND(0.79)	NA	ND(0.76)	ND(0.74)
2,3,4,6-Tetrachlorophenol		1,600	ND(0.49) J	ND(5.2) J	ND(0.39)	NA	ND(0.38) J	ND(0.37)
2,4,5-Trichlorophenol		5,500	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
2,4,6-Trichlorophenol		40	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
2,4-Dichlorophenol		160	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
2,4-Dimethylphenol		1,100	ND(0.49)	ND(5.2)	ND(0.39) J	NA	ND(0.38)	ND(0.37)
2,4-Dinitrophenol		110	ND(2.5) J	ND(26) J	ND(2.0) J	NA	ND(1.9) J	ND(1.9) J
2,4-Dinitrotoluene		110	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
2,6-Dichlorophenol		160	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
2,6-Dinitrotoluene		55	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
2-Acetylaminofluorene		0.56	ND(0.98)	ND(5.2)	ND(0.79) J	NA	ND(0.76)	ND(0.74)
2-Chloronaphthalene		3,700	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
2-Chlorophenol		59	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
2-Methylnaphthalene		55	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
2-Methylphenol		2,700	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
2-Naphthylamine		Not Listed	ND(0.98)	ND(5.2)	ND(0.79) J	NA	ND(0.76)	ND(0.74)
2-Nitroaniline		3.3	ND(2.5)	ND(26)	ND(2.0) J	NA	ND(1.9)	ND(1.9)
2-Nitrophenol		Not Listed	ND(0.98)	ND(5.2)	ND(0.79)	NA	ND(0.76)	ND(0.74)
2-Picoline		55	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
3&4-Methylphenol		270	ND(0.98)	ND(5.2)	ND(0.79)	NA	ND(0.76)	ND(0.74)
3,3'-Dichlorobenzidine		0.99	ND(0.98)	ND(10)	ND(0.79)	NA	ND(0.76)	ND(0.74)
3,3'-Dimethylbenzidine		0.048	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38) J	ND(0.37)
3-Methylcholanthrene		0.056	ND(0.98)	ND(5.2)	ND(0.79)	NA	ND(0.76)	ND(0.74)
3-Nitroaniline		5.5	ND(2.5)	ND(26)	ND(2.0)	NA	ND(1.9)	ND(1.9)
4,6-Dinitro-2-methylphenol		55	ND(0.49) J	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
4-Aminobiphenyl		1,400	ND(0.98)	ND(5.2)	ND(0.79) J	NA	ND(0.76)	ND(0.74)
4-Bromophenyl-phenylether		160	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
4-Chloro-3-Methylphenol		2,700	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
4-Chloroaniline		220	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
4-Chlorobenzilate		1.6	ND(0.98)	ND(5.2)	ND(0.79)	NA	ND(0.76)	ND(0.74)
4-Chlorophenyl-phenylether		Not Listed	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
4-Methylphenol		270	NA	NA	NA	NA	NA	NA
4-Nitroaniline		5.5	ND(2.5)	ND(5.2)	ND(2.0)	NA	ND(1.9)	ND(1.9)
4-Nitrophenol		3,400	ND(2.5) J	ND(26) J	ND(2.0)	NA	ND(1.9) J	ND(1.9) J
4-Nitroquinoline-1-oxide		110	ND(0.98) J	ND(5.2) J	ND(0.79) J	NA	ND(0.76) J	ND(0.74) J
4-Phenylenediamine		10,000	ND(0.98)	ND(5.2)	ND(0.79)	NA	ND(0.76)	ND(0.74)
5-Nitro-o-toluidine		13	ND(0.98)	ND(5.2)	ND(0.79)	NA	ND(0.76)	ND(0.74)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.98)	ND(5.2)	ND(0.79)	NA	ND(0.76)	ND(0.74)
a,a'-Dimethylphenethylamine		55	ND(0.98)	ND(5.2)	ND(0.79) J	NA	ND(0.76) J	ND(0.74)
Acenaphthene		2,600	ND(0.49)	38	ND(0.39)	NA	ND(0.38)	0.46
Acenaphthylene		55	0.43 J	2.5 J	0.056 J	NA	0.76	0.14 J
Acetophenone		0.49	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
Aniline		78	ND(0.49)	9.5	ND(0.39) J	NA	ND(0.38)	ND(0.37)
Anthracene		14,000	0.41 J	1.3 J	0.048 J	NA	0.47	ND(0.37)
Aramite		18	ND(0.98)	ND(5.2)	ND(0.79)	NA	ND(0.76)	ND(0.74)
Azobenzene		4	NA	NA	NA	NA	NA	NA
Benzidine		0.0019	ND(0.98)	ND(10) J	ND(0.79) J	NA	ND(0.76)	ND(0.74)

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	PDI	PDI	PDI	PDI	PDI
			RA-3-SB-1 RA-3-SB-1 0-1 06/10/03	RA-3-SB-1 RA-3-SB-1 1-3 06/10/03	RA-3-SB-1-E RA-3-SB-1-E 1-3 10/11/05	RA-3-SB-3 RA-3-SB-3 1-3 05/04/07	RA-3-SB-4 RA-3-SB-4 0-1 06/10/03	RA-3-SB-4 RA-3-SB-4 1-3 06/10/03
Semivolatile Organics (continued)								
Benzo(a)anthracene		0.56	1.4	4.4 J	0.13 J	NA	1.5	0.15 J
Benzo(a)pyrene		0.056	1.5	5.6	0.13 J	NA	1.6	0.15 J
Benzo(b)fluoranthene		0.56	1.9	8.4	0.12 J	NA	2.0	0.20 J
Benzo(g,h,i)perylene		55	1.6	5.5	0.081 J	NA	1.4	ND(0.37)
Benzo(k)fluoranthene		5.6	0.72	3.2 J	0.12 J	NA	0.73	ND(0.37)
Benzyl Alcohol		16,000	ND(0.98) J	ND(10)	ND(0.79)	NA	ND(0.76) J	ND(0.74)
bis(2-Chloroethoxy)methane		Not Listed	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
bis(2-Chloroethyl)ether		0.18	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
bis(2-Chloroisopropyl)ether		2.5	ND(0.49)	ND(5.2)	ND(0.39) J	NA	ND(0.38)	ND(0.37)
bis(2-Ethylhexyl)phthalate		32	0.29 J	ND(2.6)	ND(0.39)	NA	ND(0.37)	ND(0.37)
Butylbenzylphthalate		930	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
Chrysene		56	1.5	4.8 J	0.17 J	NA	1.6	ND(0.37)
Diallate		7.3	ND(0.98)	ND(5.2)	ND(0.79)	NA	ND(0.76)	ND(0.74)
Dibenzo(a,h)anthracene		0.056	0.40 J	ND(5.2)	ND(0.39)	NA	0.40	ND(0.37)
Dibenzofuran		210	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
Diethylphthalate		44,000	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
Dimethylphthalate		100,000	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
Di-n-Butylphthalate		5,500	0.22 J	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
Di-n-Octylphthalate		1,100	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
Dinoseb		55	NA	NA	NA	NA	NA	NA
Diphenylamine		1,400	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
Ethyl Methanesulfonate		Not Listed	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
Fluoranthene		2,000	3.0	6.7	0.23 J	NA	2.8	0.29 J
Fluorene		1,800	0.13 J	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
Hexachlorobenzene		0.28	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
Hexachlorobutadiene		5.7	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
Hexachlorocyclopentadiene		380	ND(0.49) J	ND(5.2) J	ND(0.39) J	NA	ND(0.38) J	ND(0.37) J
Hexachloroethane		32	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
Hexachlorophene		16	ND(0.98) J	ND(10) J	ND(0.79) J	NA	ND(0.76) J	ND(0.74) J
Hexachloropropene		Not Listed	ND(0.49) J	ND(5.2) J	ND(0.39) J	NA	ND(0.38) J	ND(0.37) J
Indeno(1,2,3-cd)pyrene		0.56	1.2	4.4 J	0.051 J	NA	1.1	ND(0.37)
Isodrin		Not Listed	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
Isophorone		470	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
Isosafrole		Not Listed	ND(0.98)	ND(5.2)	ND(0.79) J	NA	ND(0.76)	ND(0.74)
Methapyrilene		55	ND(0.98)	ND(5.2)	ND(0.79)	NA	ND(0.76)	ND(0.74)
Methyl Methanesulfonate		Not Listed	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
Naphthalene		55	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
Nitrobenzene		16	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
N-Nitrosodiethylamine		0.003	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
N-Nitrosodimethylamine		0.0087	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
N-Nitroso-di-n-butylamine		0.022	ND(0.98)	ND(5.2)	ND(0.79)	NA	ND(0.76)	ND(0.74)
N-Nitroso-di-n-propylamine		0.063	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
N-Nitrosodiphenylamine		91	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
N-Nitrosomethylethylamine		0.02	ND(0.98)	ND(5.2)	ND(0.79)	NA	ND(0.76)	ND(0.74)
N-Nitrosomorpholine		0.21	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
N-Nitrosopiperidine		0.21	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37) J
N-Nitrosopyrrolidine		0.21	ND(0.98)	ND(5.2)	ND(0.79)	NA	ND(0.76)	ND(0.74)
o,o,o-Triethylphosphorothioate		11	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38) J	ND(0.37)
o-Toluidine		1.9	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
p-Dimethylaminoazobenzene		0.99	ND(0.98)	ND(5.2)	ND(0.79)	NA	ND(0.76)	ND(0.74)
Pentachlorobenzene		44	ND(0.49) J	ND(5.2) J	ND(0.39)	NA	ND(0.38) J	ND(0.37)
Pentachloroethane		2.8	ND(0.49)	ND(5.2)	ND(0.39)	NA	ND(0.38)	ND(0.37)
Pentachloronitrobenzene		1.7	ND(0.98) J	ND(5.2) J	ND(0.79)	NA	ND(0.76) J	ND(0.74) J
Pentachlorophenol		2.5	ND(2.5)	ND(26)	ND(2.0)	NA	ND(1.9)	ND(1.9)
Phenacetin		640	ND(0.98)	ND(5.2)	ND(0.79)	NA	ND(0.76)	ND(0.74)
Phenanthrene		55	1.3	2.1 J	0.16 J	NA	0.86	0.14 J

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	PDI	PDI	PDI	PDI	PDI	
			RA-3-SB-1 RA-3-SB-1 0-1 06/10/03	RA-3-SB-1 RA-3-SB-1 1-3 06/10/03	RA-3-SB-1-E RA-3-SB-1-E 1-3 10/11/05	RA-3-SB-3 RA-3-SB-3 1-3 05/04/07	RA-3-SB-4 RA-3-SB-4 0-1 06/10/03	RA-3-SB-4 RA-3-SB-4 1-3 06/10/03	
Semivolatile Organics (continued)									
Phenol		33,000	0.40 J	ND(5.2)	0.045 J	NA	NA	ND(0.38)	ND(0.37)
Pronamide		4,100	ND(0.49)	ND(5.2)	ND(0.39)	NA	NA	ND(0.38)	ND(0.37)
Pyrene		1,500	2.8	12	0.29 J	NA	NA	2.5	0.27 J
Pyridine		55	ND(0.49)	ND(5.2)	ND(0.39)	NA	NA	ND(0.38)	ND(0.37)
Safrole		Not Listed	ND(0.49)	ND(5.2)	ND(0.39) J	NA	NA	ND(0.38)	ND(0.37)
Thionazin		330	ND(0.49)	ND(5.2)	ND(0.39)	NA	NA	ND(0.38)	ND(0.37) J
Furans									
2,3,7,8-TCDF		Not Applicable	0.000013 Y	0.0014 Y	NA	NA	NA	0.000033 Y	0.0000078 Y
TCDFs (total)		Not Applicable	0.00012 J	0.031 IJ	NA	NA	NA	0.000038 IJ	0.000022 IJ
1,2,3,7,8-PeCDF		Not Applicable	0.0000094	0.00025	NA	NA	NA	0.0000043	0.0000028
2,3,4,7,8-PeCDF		Not Applicable	0.000011	0.00036	NA	NA	NA	0.0000042	0.0000026
PeCDFs (total)		Not Applicable	0.00021	0.028 I	NA	NA	NA	0.000070 I	0.000027 I
1,2,3,4,7,8-HxCDF		Not Applicable	0.000022	0.0040	NA	NA	NA	0.0000095	0.0000060
1,2,3,6,7,8-HxCDF		Not Applicable	0.000018	0.00089	NA	NA	NA	0.0000073	0.0000035
1,2,3,7,8,9-HxCDF		Not Applicable	0.0000038	0.000058	NA	NA	NA	ND(0.00000038)	0.0000013
2,3,4,6,7,8-HxCDF		Not Applicable	0.000012	0.00036	NA	NA	NA	0.0000052	0.0000021
HxCDFs (total)		Not Applicable	0.00030	0.030 I	NA	NA	NA	0.00017 I	0.000022
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.00013	0.0032	NA	NA	NA	0.00010	ND(0.000020) X
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.000015	0.00092	NA	NA	NA	0.000010	ND(0.000039) X
HpCDFs (total)		Not Applicable	0.00036	0.0080	NA	NA	NA	0.00039	0.0000030
OCDF		Not Applicable	0.00020	0.0016	NA	NA	NA	0.00028	0.0000096
Dioxins									
2,3,7,8-TCDD		Not Applicable	0.0000012	ND(0.0000046)	NA	NA	NA	ND(0.00000018)	ND(0.00000026)
TCDDs (total)		Not Applicable	0.0000040	0.0012	NA	NA	NA	ND(0.0000046)	0.000014
1,2,3,7,8-PeCDD		Not Applicable	0.0000068	ND(0.0000046)	NA	NA	NA	0.0000048	0.0000024
PeCDDs (total)		Not Applicable	ND(0.0000082)	ND(0.0016)	NA	NA	NA	0.0000075	0.000013
1,2,3,4,7,8-HxCDD		Not Applicable	0.000015	0.00019	NA	NA	NA	0.0000084	0.0000037
1,2,3,6,7,8-HxCDD		Not Applicable	0.000029	0.00034	NA	NA	NA	0.000038	0.0000033
1,2,3,7,8,9-HxCDD		Not Applicable	0.000024	0.00027	NA	NA	NA	0.000016	0.0000037
HxCDDs (total)		Not Applicable	0.00014	0.0016	NA	NA	NA	0.00012	0.000039
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.00039	0.0016	NA	NA	NA	0.00095	0.000013
HpCDDs (total)		Not Applicable	0.00064	0.0029	NA	NA	NA	0.0014	0.000027
OCDD		Not Applicable	0.0022	0.0038	NA	NA	NA	0.012	0.00010
Total TEQs (WHO TEFs)		Not Applicable	0.000033	0.0010	NA	NA	NA	0.000031	0.0000074
Inorganics									
Antimony		30	1.60 B	5.20 B	NA	NA	NA	ND(6.00)	ND(6.00)
Arsenic		0.38	4.60	8.50	NA	NA	NA	4.10	8.90
Barium		5,200	ND(20.0)	42.0	NA	NA	NA	42.0	48.0
Beryllium		150	0.160 B	0.300 B	NA	NA	NA	0.280 B	0.280 B
Cadmium		37	0.660	6.00	NA	NA	NA	ND(0.500)	0.0780 B
Chromium		210	12.0	29.0	NA	NA	NA	8.20	9.50
Cobalt		3,300	9.40	5.80	NA	NA	NA	6.90	6.30
Copper		2,800	48.0	370	NA	NA	NA	19.0	120
Lead		400	130	580	NA	NA	NA	31.0	92.0
Mercury		22	0.220	2.00 J	NA	NA	NA	0.0590 B	0.0930 B
Nickel		1,500	26.0	28.0	NA	NA	NA	14.0	30.0
Selenium		370	ND(1.10) J	0.940 J	NA	NA	NA	0.620 J	0.730 J
Silver		370	0.320 B	5.00 J	NA	NA	NA	ND(1.00)	ND(1.00)
Thallium		6	ND(1.50) J	ND(1.60) J	NA	NA	NA	ND(1.10) J	ND(1.10) J
Tin		45,000	ND(10.0)	52.0 J	NA	NA	NA	ND(10.0)	ND(11.0)
Vanadium		520	19.0	19.0	NA	NA	NA	12.0	12.0
Zinc		22,000	240	300	NA	NA	NA	54.0	120
Cyanide		11	1.80 J	0.860 J	NA	NA	NA	0.0440 J	0.0790 J
Sulfide		350	9.40	200	NA	NA	NA	38.0	14.0

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	PDI	PDI	PDI	PDI	PDI
			RA-3-SB-6-S RA-3-SB-6-S 0-1 05/01/07	RA-3-SB-8 RA-3-SB-8 0-1 06/11/03	RA-3-SB-8 RA-3-SB-8 1-3 06/11/03	RA-3-SB-8-S RA-3-SB-8-S 1-3 05/01/07	RA-3-SB-9 RA-3-SB-9 0-1 06/11/03	RA-3-SB-9 RA-3-SB-9 1-3 06/11/03
Volatile Organics								
1,1,1,2-Tetrachloroethane		2.8	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
1,1,1-Trichloroethane		680	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
1,1,2,2-Tetrachloroethane		0.36	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
1,1,2-Trichloroethane		0.82	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
1,1-Dichloroethane		570	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
1,1-Dichloroethene		0.052	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
1,2,3-Trichloropropane		0.0014	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
1,2-Dibromo-3-chloropropane		0.32	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
1,2-Dibromoethane		0.0049	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
1,2-Dichloroethane		0.34	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
1,2-Dichloropropane		0.34	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
1,4-Dioxane		40	NA	ND(0.12) J	ND(0.12) J	NA	ND(0.20) J	ND(0.14) J
2-Butanone		6,900	NA	ND(0.012)	ND(0.012)	NA	ND(0.020)	ND(0.014)
2-Chloro-1,3-butadiene		3.6	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
2-Chloroethylvinylether		0.18	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
2-Hexanone		750	NA	ND(0.012)	ND(0.012)	NA	ND(0.020)	ND(0.014)
3-Chloropropene		2,700	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
4-Methyl-2-pentanone		750	NA	ND(0.012)	ND(0.012)	NA	ND(0.020)	ND(0.014)
Acetone		1,400	NA	ND(0.023)	ND(0.023)	NA	0.044	0.024 J
Acetonitrile		200	NA	ND(0.12) J	ND(0.12) J	NA	ND(0.20) J	ND(0.14) J
Acrolein		0.1	NA	ND(0.12) J	ND(0.12) J	NA	ND(0.20) J	ND(0.14) J
Acrylonitrile		0.19	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
Benzene		0.62	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
Bromodichloromethane		0.98	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
Bromoform		56	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
Bromomethane		3.8	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
Carbon Disulfide		350	NA	ND(0.0058) J	ND(0.0058) J	NA	ND(0.010) J	ND(0.0070) J
Carbon Tetrachloride		0.23	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
Chlorobenzene		54	NA	0.0085	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
Chloroethane		1,600	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
Chloroform		0.24	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
Chloromethane		1.2	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
cis-1,3-Dichloropropene		Not Listed	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
Dibromochloromethane		5.3	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
Dibromomethane		550	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
Dichlorodifluoromethane		94	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
Ethyl Methacrylate		140	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
Ethylbenzene		230	NA	0.0040 J	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
Iodomethane		1.2	NA	ND(0.0058) J	ND(0.0058) J	NA	ND(0.010) J	ND(0.0070) J
Isobutanol		10,000	NA	ND(0.12) J	ND(0.12) J	NA	ND(0.20) J	ND(0.14) J
Methacrylonitrile		1.8	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
Methyl Methacrylate		2,200	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
Methylene Chloride		8.5	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
Propionitrile		200	NA	ND(0.012)	ND(0.012)	NA	ND(0.020)	ND(0.014)
Styrene		1,700	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
Tetrachloroethene		4.7	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
Toluene		520	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
trans-1,2-Dichloroethene		62	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
trans-1,3-Dichloropropene		Not Listed	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
trans-1,4-Dichloro-2-butene		Not Listed	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
Trichloroethene		2.7	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
Trichlorofluoromethane		380	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
Vinyl Acetate		420	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
Vinyl Chloride		0.021	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)
Xylenes (total)		210	NA	ND(0.0058)	ND(0.0058)	NA	ND(0.010)	ND(0.0070)

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type:	Location ID:	PDI	PDI	PDI	PDI	PDI	PDI
Sample ID:	EPA Region 9	RA-3-SB-6-S	RA-3-SB-8	RA-3-SB-8	RA-3-SB-8-S	RA-3-SB-9	RA-3-SB-9
Sample Depth(Feet):	Residential	RA-3-SB-6-S	RA-3-SB-8	RA-3-SB-8	RA-3-SB-8-S	RA-3-SB-9	RA-3-SB-9
Date Collected:	PRGs	0-1	0-1	1-3	1-3	0-1	1-3
Parameter		05/01/07	06/11/03	06/11/03	05/01/07	06/11/03	06/11/03
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	16	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
1,2,4-Trichlorobenzene	480	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	0.52 J
1,2-Dichlorobenzene	370	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
1,2-Diphenylhydrazine	0.56	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
1,3,5-Trinitrobenzene	1,600	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
1,3-Dichlorobenzene	41	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
1,3-Dinitrobenzene	5.5	NA	ND(0.78)	ND(0.78)	NA	ND(1.4)	ND(0.94)
1,4-Dichlorobenzene	3	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	0.53 J
1,4-Naphthoquinone	55	NA	ND(0.78) J	ND(0.78) J	NA	ND(1.4) J	ND(0.94) J
1-Naphthylamine	Not Listed	NA	ND(0.78)	ND(0.78)	NA	ND(1.4)	ND(0.94)
2,3,4,6-Tetrachlorophenol	1,600	NA	ND(0.39) J	ND(0.39) J	NA	ND(0.68) J	ND(0.60)
2,4,5-Trichlorophenol	5,500	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
2,4,6-Trichlorophenol	40	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
2,4-Dichlorophenol	160	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
2,4-Dimethylphenol	1,100	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
2,4-Dinitrophenol	110	NA	ND(2.0) J	ND(2.0) J	NA	ND(3.4) J	ND(3.0) J
2,4-Dinitrotoluene	110	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
2,6-Dichlorophenol	160	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
2,6-Dinitrotoluene	55	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
2-Acetylaminofluorene	0.56	NA	ND(0.78)	ND(0.78)	NA	ND(1.4)	ND(0.94)
2-Chloronaphthalene	3,700	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
2-Chlorophenol	59	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
2-Methylnaphthalene	55	NA	ND(0.39)	ND(0.39)	NA	0.31 J	0.58 J
2-Methylphenol	2,700	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	1.8
2-Naphthylamine	Not Listed	NA	ND(0.78)	ND(0.78)	NA	ND(1.4)	ND(0.94)
2-Nitroaniline	3.3	NA	ND(2.0)	ND(2.0)	NA	ND(3.4)	ND(3.0)
2-Nitrophenol	Not Listed	NA	ND(0.78)	ND(0.78)	NA	ND(1.4)	ND(0.94)
2-Picoline	55	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
3&4-Methylphenol	270	NA	ND(0.78)	ND(0.78)	NA	ND(1.4)	ND(0.94)
3,3'-Dichlorobenzidine	0.99	NA	ND(0.78)	ND(0.78)	NA	ND(1.4)	ND(1.2)
3,3'-Dimethylbenzidine	0.048	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
3-Methylcholanthrene	0.056	NA	ND(0.78)	ND(0.78)	NA	ND(1.4)	ND(0.94)
3-Nitroaniline	5.5	NA	ND(2.0)	ND(2.0)	NA	ND(3.4)	ND(3.0)
4,6-Dinitro-2-methylphenol	55	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
4-Aminobiphenyl	1,400	NA	ND(0.78)	ND(0.78)	NA	ND(1.4)	ND(0.94)
4-Bromophenyl-phenylether	160	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
4-Chloro-3-Methylphenol	2,700	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
4-Chloroaniline	220	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
4-Chlorobenzilate	1.6	NA	ND(0.78)	ND(0.78)	NA	ND(1.4)	ND(0.94)
4-Chlorophenyl-phenylether	Not Listed	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
4-Methylphenol	270	NA	NA	NA	NA	NA	NA
4-Nitroaniline	5.5	NA	ND(2.0)	ND(2.0)	NA	ND(3.4)	ND(2.4)
4-Nitrophenol	3,400	NA	ND(2.0) J	ND(2.0) J	NA	ND(3.4) J	ND(3.0) J
4-Nitroquinoline-1-oxide	110	NA	ND(0.78) J	ND(0.78) J	NA	ND(1.4) J	ND(0.94) J
4-Phenylenediamine	10,000	NA	ND(0.78)	ND(0.78)	NA	ND(1.4)	ND(0.94)
5-Nitro-o-toluidine	13	NA	ND(0.78)	ND(0.78)	NA	ND(1.4)	ND(0.94)
7,12-Dimethylbenz(a)anthracene	0.056	NA	ND(0.78)	ND(0.78)	NA	ND(1.4)	ND(0.94)
a,a'-Dimethylphenethylamine	55	NA	ND(0.78)	ND(0.78)	NA	ND(1.4)	ND(0.94)
Acenaphthene	2,600	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
Acenaphthylene	55	NA	0.16 J	ND(0.39)	NA	0.60 J	1.1
Acetophenone	0.49	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
Aniline	78	NA	0.16 J	ND(0.39)	NA	3.3	33
Anthracene	14,000	NA	0.23 J	ND(0.39)	NA	1.7	ND(0.60)
Aramite	18	NA	ND(0.78)	ND(0.78)	NA	ND(1.4)	ND(0.94)
Azobenzene	4	NA	NA	NA	NA	NA	NA
Benzidine	0.0019	NA	ND(0.78) J	ND(0.78) J	NA	ND(1.4) J	ND(1.2)

TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-3-SB-6-S RA-3-SB-6-S 0-1 05/01/07	PDI RA-3-SB-8 RA-3-SB-8 0-1 06/11/03	PDI RA-3-SB-8 RA-3-SB-8 1-3 06/11/03	PDI RA-3-SB-8-S RA-3-SB-8-S 1-3 05/01/07	PDI RA-3-SB-9 RA-3-SB-9 0-1 06/11/03	PDI RA-3-SB-9 RA-3-SB-9 1-3 06/11/03
Semivolatile Organics (continued)							
Benzo(a)anthracene	0.56	NA	0.62	ND(0.39)	NA	3.6	2.4
Benzo(a)pyrene	0.056	NA	0.57	ND(0.39)	NA	3.0	2.6
Benzo(b)fluoranthene	0.56	NA	0.78	ND(0.39)	NA	4.3	4.1
Benzo(g,h,i)perylene	55	NA	0.53	ND(0.39)	NA	2.6	2.0
Benzo(k)fluoranthene	5.6	NA	0.25 J	ND(0.39)	NA	1.6	1.6
Benzyl Alcohol	16,000	NA	ND(0.78)	ND(0.78)	NA	ND(1.4)	ND(1.2)
bis(2-Chloroethoxy)methane	Not Listed	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
bis(2-Chloroethyl)ether	0.18	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
bis(2-Chloroisopropyl)ether	2.5	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
bis(2-Ethylhexyl)phthalate	32	NA	ND(0.38)	ND(0.38)	NA	1.4	2.6
Butylbenzylphthalate	930	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
Chrysene	56	NA	0.70	ND(0.39)	NA	5.5	3.7
Diallate	7.3	NA	ND(0.78)	ND(0.78)	NA	ND(1.4)	ND(0.94)
Dibenzo(a,h)anthracene	0.056	NA	ND(0.39)	ND(0.39)	NA	0.39 J	ND(0.60)
Dibenzofuran	210	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
Diethylphthalate	44,000	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
Dimethylphthalate	100,000	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
Di-n-Butylphthalate	5,500	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
Di-n-Octylphthalate	1,100	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
Dinoseb	55	NA	NA	NA	NA	NA	NA
Diphenylamine	1,400	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
Ethyl Methanesulfonate	Not Listed	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
Fluoranthene	2,000	NA	1.2	ND(0.39)	NA	9.6	1.7
Fluorene	1,800	NA	0.085 J	ND(0.39)	NA	0.86	ND(0.60)
Hexachlorobenzene	0.28	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
Hexachlorobutadiene	5.7	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
Hexachlorocyclopentadiene	380	NA	ND(0.39) J	ND(0.39) J	NA	ND(0.68) J	ND(0.60) J
Hexachloroethane	32	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
Hexachlorophene	16	NA	ND(0.78) J	ND(0.78) J	NA	ND(1.4) J	ND(1.2) J
Hexachloropropene	Not Listed	NA	ND(0.39) J	ND(0.39) J	NA	ND(0.68) J	ND(0.60) J
Indeno(1,2,3-cd)pyrene	0.56	NA	0.40	ND(0.39)	NA	2.1	1.7
Isodrin	Not Listed	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
Isophorone	470	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
Isosafrole	Not Listed	NA	ND(0.78)	ND(0.78)	NA	ND(1.4)	ND(0.94)
Methapyrene	55	NA	ND(0.78)	ND(0.78)	NA	ND(1.4)	ND(0.94)
Methyl Methanesulfonate	Not Listed	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
Naphthalene	55	NA	ND(0.39)	ND(0.39)	NA	0.74	0.62
Nitrobenzene	16	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
N-Nitrosodiethylamine	0.003	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
N-Nitrosodimethylamine	0.0087	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
N-Nitroso-di-n-butylamine	0.022	NA	ND(0.78)	ND(0.78)	NA	ND(1.4)	ND(0.94)
N-Nitroso-di-n-propylamine	0.063	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
N-Nitrosodiphenylamine	91	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
N-Nitrosomethylethylamine	0.02	NA	ND(0.78)	ND(0.78)	NA	ND(1.4)	ND(0.94)
N-Nitrosomorpholine	0.21	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
N-Nitrosopiperidine	0.21	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60) J
N-Nitrosopyrrolidine	0.21	NA	ND(0.78)	ND(0.78)	NA	ND(1.4)	ND(0.94)
o,o,o-Triethylphosphorothioate	11	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
o-Toluidine	1.9	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
p-Dimethylaminoazobenzene	0.99	NA	ND(0.78)	ND(0.78)	NA	ND(1.4)	ND(0.94)
Pentachlorobenzene	44	NA	ND(0.39) J	ND(0.39) J	NA	ND(0.68) J	ND(0.60)
Pentachloroethane	2.8	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
Pentachloronitrobenzene	1.7	NA	ND(0.78) J	ND(0.78) J	NA	ND(1.4) J	ND(0.94) J
Pentachlorophenol	2.5	NA	ND(2.0)	ND(2.0)	NA	ND(3.4)	ND(3.0)
Phenacetin	640	NA	ND(0.78)	ND(0.78)	NA	ND(1.4)	ND(0.94)
Phenanthrene	55	NA	0.76	ND(0.39)	NA	3.8	ND(0.60)

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	PDI	PDI	PDI	PDI	PDI
			RA-3-SB-6-S RA-3-SB-6-S 0-1 05/01/07	RA-3-SB-8 RA-3-SB-8 0-1 06/11/03	RA-3-SB-8 RA-3-SB-8 1-3 06/11/03	RA-3-SB-8-S RA-3-SB-8-S 1-3 05/01/07	RA-3-SB-9 RA-3-SB-9 0-1 06/11/03	RA-3-SB-9 RA-3-SB-9 1-3 06/11/03
Semivolatile Organics (continued)								
Phenol		33,000	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	1.8
Pronamide		4,100	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
Pyrene		1,500	NA	1.1	ND(0.39)	NA	11	7.6
Pyridine		55	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
Safrole		Not Listed	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60)
Thionazin		330	NA	ND(0.39)	ND(0.39)	NA	ND(0.68)	ND(0.60) J
Furans								
2,3,7,8-TCDF		Not Applicable	NA	0.000011 Y	0.0000065 Y	NA	0.00028 Y	0.0022 Y
TCDFs (total)		Not Applicable	NA	0.000070 J	0.000065	NA	0.0035 I	0.044 I
1,2,3,7,8-PeCDF		Not Applicable	NA	0.0000060	0.0000058	NA	0.000081	0.00074
2,3,4,7,8-PeCDF		Not Applicable	NA	0.0000067	0.0000095	NA	0.00017	0.00048
PeCDFs (total)		Not Applicable	NA	0.000086	0.000078	NA	0.0032 I	0.032 I
1,2,3,4,7,8-HxCDF		Not Applicable	NA	0.000014	0.000018	NA	0.00041	0.0089 I
1,2,3,6,7,8-HxCDF		Not Applicable	NA	0.000080	0.000080	NA	0.00023	0.0023
1,2,3,7,8,9-HxCDF		Not Applicable	NA	ND(0.0000033)	ND(0.0000026)	NA	ND(0.000010)	0.00024
2,3,4,6,7,8-HxCDF		Not Applicable	NA	0.0000057	0.0000072	NA	0.00013	0.00054
HxCDFs (total)		Not Applicable	NA	0.00011	0.000056	NA	0.0043 I	0.048 I
1,2,3,4,6,7,8-HpCDF		Not Applicable	NA	0.000069 J	0.000051 J	NA	0.00098 J	0.0072 J
1,2,3,4,7,8,9-HpCDF		Not Applicable	NA	0.0000047	0.0000044	NA	0.00018	0.0038
HpCDFs (total)		Not Applicable	NA	0.00019 J	0.000066 J	NA	0.0029 J	0.020 IJ
OCDF		Not Applicable	NA	0.000090	0.000012	NA	0.0011	0.0046
Dioxins								
2,3,7,8-TCDD		Not Applicable	NA	ND(0.0000030)	ND(0.0000025)	NA	ND(0.0000058)	0.000090
TCDDs (total)		Not Applicable	NA	ND(0.0000077)	0.000014	NA	ND(0.000011)	0.0014
1,2,3,7,8-PeCDD		Not Applicable	NA	ND(0.0000054)	ND(0.0000051)	NA	ND(0.0000041)	ND(0.000043)
PeCDDs (total)		Not Applicable	NA	ND(0.0000061)	0.000023	NA	ND(0.000026)	ND(0.00053)
1,2,3,4,7,8-HxCDD		Not Applicable	NA	0.0000085	0.0000035	NA	0.000032	0.00023
1,2,3,6,7,8-HxCDD		Not Applicable	NA	0.000027	0.0000052	NA	0.000089	0.00041
1,2,3,7,8,9-HxCDD		Not Applicable	NA	0.000016	0.0000071	NA	0.000089	0.00033
HxCDDs (total)		Not Applicable	NA	0.00012	0.000075	NA	0.00060	0.0040
1,2,3,4,6,7,8-HpCDD		Not Applicable	NA	0.00038	0.000038	NA	0.0013	0.0035
HpCDDs (total)		Not Applicable	NA	0.00062 J	0.000083	NA	0.0022	0.0064
OCDD		Not Applicable	NA	0.0031	0.00066	NA	0.0068	0.0091
Total TEQs (WHO TEFs)		Not Applicable	NA	0.000018	0.000012	NA	0.00025	0.0020
Inorganics								
Antimony		30	NA	1.40 B	1.60 B	NA	3.60 B	1.10 B
Arsenic		0.38	NA	8.50	8.40	NA	31.0	10.0
Barium		5,200	NA	38.0	60.0	NA	150	16.0 B
Beryllium		150	NA	0.170 B	0.150 B	NA	0.270 B	0.150 B
Cadmium		37	NA	0.640	0.330 B	NA	13.0	1.30
Chromium		210	NA	14.0	19.0	NA	94.0	12.0
Cobalt		3,300	NA	3.90 B	4.00 B	NA	6.00	8.60
Copper		2,800	NA	160	150	NA	590	130
Lead		400	401	170 J	160 J	1050	400 J	380 J
Mercury		22	NA	0.0800 B	0.0180 B	NA	2.10	5.50
Nickel		1,500	NA	28.0 J	36.0 J	NA	32.0 J	19.0 J
Selenium		370	NA	0.670 J	1.40 J	NA	1.40 J	1.00 J
Silver		370	NA	ND(1.00)	ND(1.00)	NA	17.0	1.40
Thallium		6	NA	1.70 J	2.00 J	NA	ND(2.00) J	ND(1.40) J
Tin		45,000	NA	ND(18.0)	ND(14.0)	NA	78.0	22.0
Vanadium		520	NA	16.0	14.0	NA	55.0	5.50
Zinc		22,000	NA	250	190	NA	2400	99.0
Cyanide		11	NA	0.320 J	0.160 J	NA	1.10 J	0.540 J
Sulfide		350	NA	15.0	ND(5.80)	NA	880	1300

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	PDI	PDI	PDI	PDI
			RA-3-SB-9-E RA-3-SB-9-E 1-3 10/10/05	RA-3-SB-11 RA-3-SB-11 0-1 06/11/03	RA-3-SB-11 RA-3-SB-11 1-3 06/11/03	RA-3-SB-15 RA-3-SB-15 0-1 06/11/03	RA-3-SB-15 RA-3-SB-15 1-3 06/11/03
Volatile Organics							
1,1,1,2-Tetrachloroethane		2.8	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
1,1,1-Trichloroethane		680	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
1,1,2,2-Tetrachloroethane		0.36	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
1,1,2-Trichloroethane		0.82	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
1,1-Dichloroethane		570	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
1,1-Dichloroethene		0.052	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
1,2,3-Trichloropropane		0.0014	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
1,2-Dibromo-3-chloropropane		0.32	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
1,2-Dibromoethane		0.0049	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
1,2-Dichloroethane		0.34	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
1,2-Dichloropropane		0.34	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
1,4-Dioxane		40	NA	ND(0.12) J	ND(0.11) J [ND(0.11) J]	ND(0.11) J	ND(0.11) J
2-Butanone		6,900	NA	ND(0.012)	ND(0.011) [ND(0.011)]	ND(0.011)	ND(0.011)
2-Chloro-1,3-butadiene		3.6	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
2-Chloroethylvinylether		0.18	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
2-Hexanone		750	NA	ND(0.012)	ND(0.011) [ND(0.011)]	ND(0.011)	ND(0.011)
3-Chloropropene		2,700	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
4-Methyl-2-pentanone		750	NA	ND(0.012)	ND(0.011) [ND(0.011)]	ND(0.011)	ND(0.011)
Acetone		1,400	NA	ND(0.024)	ND(0.022) [ND(0.022)]	ND(0.022)	ND(0.022)
Acetonitrile		200	NA	ND(0.12) J	ND(0.11) J [ND(0.11) J]	ND(0.11) J	ND(0.11) J
Acrolein		0.1	NA	ND(0.12) J	ND(0.11) J [ND(0.11) J]	ND(0.11) J	ND(0.11) J
Acrylonitrile		0.19	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
Benzene		0.62	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
Bromodichloromethane		0.98	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
Bromoform		56	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
Bromomethane		3.8	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
Carbon Disulfide		350	NA	ND(0.0060) J	ND(0.0056) J [ND(0.0056) J]	ND(0.0054) J	ND(0.0055) J
Carbon Tetrachloride		0.23	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
Chlorobenzene		54	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
Chloroethane		1,600	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
Chloroform		0.24	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
Chloromethane		1.2	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
cis-1,3-Dichloropropene		Not Listed	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
Dibromochloromethane		5.3	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
Dibromomethane		550	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
Dichlorodifluoromethane		94	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
Ethyl Methacrylate		140	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
Ethylbenzene		230	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
Iodomethane		1.2	NA	ND(0.0060) J	ND(0.0056) J [ND(0.0056) J]	ND(0.0054) J	ND(0.0055) J
Isobutanol		10,000	NA	ND(0.12) J	ND(0.11) J [ND(0.11) J]	ND(0.11) J	ND(0.11) J
Methacrylonitrile		1.8	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
Methyl Methacrylate		2,200	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
Methylene Chloride		8.5	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
Propionitrile		200	NA	ND(0.012)	ND(0.011) [ND(0.011)]	ND(0.011)	ND(0.011)
Styrene		1,700	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
Tetrachloroethene		4.7	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
Toluene		520	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
trans-1,2-Dichloroethene		62	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
trans-1,3-Dichloropropene		Not Listed	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
trans-1,4-Dichloro-2-butene		Not Listed	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
Trichloroethene		2.7	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
Trichlorofluoromethane		380	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
Vinyl Acetate		420	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
Vinyl Chloride		0.021	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)
Xylenes (total)		210	NA	ND(0.0060)	ND(0.0056) [ND(0.0056)]	ND(0.0054)	ND(0.0055)

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	PDI	PDI	PDI	PDI
	RA-3-SB-9-E RA-3-SB-9-E 1-3 10/10/05		RA-3-SB-11 RA-3-SB-11 0-1 06/11/03	RA-3-SB-11 RA-3-SB-11 1-3 06/11/03	RA-3-SB-15 RA-3-SB-15 0-1 06/11/03	RA-3-SB-15 RA-3-SB-15 1-3 06/11/03	
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		16	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
1,2,4-Trichlorobenzene		480	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
1,2-Dichlorobenzene		370	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
1,2-Diphenylhydrazine		0.56	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
1,3,5-Trinitrobenzene		1,600	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
1,3-Dichlorobenzene		41	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
1,3-Dinitrobenzene		5.5	NA	ND(0.81)	ND(0.74) [ND(0.75)]	ND(0.73)	ND(0.73)
1,4-Dichlorobenzene		3	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
1,4-Naphthoquinone		55	NA	ND(0.81) J	ND(0.74) J [ND(0.75) J]	ND(0.73) J	ND(0.73) J
1-Naphthylamine		Not Listed	NA	ND(0.81)	ND(0.74) [ND(0.75)]	ND(0.73)	ND(0.73)
2,3,4,6-Tetrachlorophenol		1,600	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
2,4,5-Trichlorophenol		5,500	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
2,4,6-Trichlorophenol		40	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
2,4-Dichlorophenol		160	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
2,4-Dimethylphenol		1,100	NA	ND(0.47)	ND(0.37) [ND(0.37)]	1.8	2.3
2,4-Dinitrophenol		110	NA	ND(2.4) J	ND(1.9) J [ND(1.9) J]	ND(1.8) J	ND(1.8) J
2,4-Dinitrotoluene		110	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
2,6-Dichlorophenol		160	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
2,6-Dinitrotoluene		55	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
2-Acetylaminofluorene		0.56	NA	ND(0.81)	ND(0.74) [ND(0.75)]	ND(0.73)	ND(0.73)
2-Chloronaphthalene		3,700	NA	ND(0.47)	ND(0.37) [ND(0.37)]	0.39	ND(0.36)
2-Chlorophenol		59	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
2-Methylnaphthalene		55	NA	0.46 J	1.9 [1.8]	48	51
2-Methylphenol		2,700	NA	ND(0.47)	ND(0.37) [ND(0.37)]	1.2	1.6
2-Naphthylamine		Not Listed	NA	ND(0.81)	ND(0.74) [ND(0.75)]	ND(0.73)	ND(0.73)
2-Nitroaniline		3.3	NA	ND(2.4)	ND(1.9) [ND(1.9)]	ND(1.8)	ND(1.8)
2-Nitrophenol		Not Listed	NA	ND(0.81)	ND(0.74) [ND(0.75)]	ND(0.73)	ND(0.73)
2-Picoline		55	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
3&4-Methylphenol		270	NA	ND(0.81)	ND(0.74) [ND(0.75)]	3.1	4.1
3,3'-Dichlorobenzidine		0.99	NA	ND(0.94)	ND(0.74) [ND(0.75)]	ND(0.73)	ND(0.73)
3,3'-Dimethylbenzidine		0.048	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
3-Methylcholanthrene		0.056	NA	ND(0.81)	ND(0.74) [ND(0.75)]	ND(0.73)	ND(0.73)
3-Nitroaniline		5.5	NA	ND(2.4)	ND(1.9) [ND(1.9)]	ND(1.8)	ND(1.8)
4,6-Dinitro-2-methylphenol		55	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
4-Aminobiphenyl		1,400	NA	ND(0.81)	ND(0.74) [ND(0.75)]	ND(0.73)	ND(0.73)
4-Bromophenyl-phenylether		160	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
4-Chloro-3-Methylphenol		2,700	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
4-Chloroaniline		220	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
4-Chlorobenzilate		1.6	NA	ND(0.81)	ND(0.74) [ND(0.75)]	ND(0.73)	ND(0.73)
4-Chlorophenyl-phenylether		Not Listed	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
4-Methylphenol		270	NA	NA	NA	NA	NA
4-Nitroaniline		5.5	NA	ND(2.1)	ND(1.9) [ND(1.9)]	ND(1.8)	ND(1.8)
4-Nitrophenol		3,400	NA	ND(2.4) J	ND(1.9) J [ND(1.9) J]	ND(1.8) J	ND(1.8) J
4-Nitroquinoline-1-oxide		110	NA	ND(0.81) J	ND(0.74) J [ND(0.75) J]	ND(0.73) J	ND(0.73) J
4-Phenylenediamine		10,000	NA	ND(0.81)	ND(0.74) [ND(0.75)]	ND(0.73)	ND(0.73)
5-Nitro-o-toluidine		13	NA	ND(0.81)	ND(0.74) [ND(0.75)]	ND(0.73)	ND(0.73)
7,12-Dimethylbenz(a)anthracene		0.056	NA	ND(0.81)	ND(0.74) [ND(0.75)]	ND(0.73)	ND(0.73)
a,a'-Dimethylphenethylamine		55	NA	ND(0.81)	ND(0.74) [ND(0.75)]	ND(0.73)	ND(0.73)
Acenaphthene		2,600	NA	0.71	2.1 [2.9]	98	92
Acenaphthylene		55	NA	1.3	2.6 [2.7]	ND(0.36)	ND(0.36)
Acetophenone		0.49	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
Aniline		78	NA	ND(0.47)	0.18 J [0.19 J]	ND(0.36)	ND(0.36)
Anthracene		14,000	NA	2.3	6.9 [8.1]	150	130
Aramite		18	NA	ND(0.81)	ND(0.74) [ND(0.75)]	ND(0.73)	ND(0.73)
Azobenzene		4	NA	NA	NA	NA	NA
Benzidine		0.0019	NA	ND(0.94)	ND(0.74) [ND(0.75)]	ND(0.73)	ND(0.73)

TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-3-SB-9-E RA-3-SB-9-E 1-3 10/10/05	PDI RA-3-SB-11 RA-3-SB-11 0-1 06/11/03	PDI RA-3-SB-11 RA-3-SB-11 1-3 06/11/03	PDI RA-3-SB-15 RA-3-SB-15 0-1 06/11/03	PDI RA-3-SB-15 RA-3-SB-15 1-3 06/11/03
Semivolatile Organics (continued)						
Benzo(a)anthracene	0.56	NA	7.4	16 [21]	190	150
Benzo(a)pyrene	0.056	NA	6.1	3.3 [4.5]	140	120
Benzo(b)fluoranthene	0.56	NA	7.8	17 [21]	160	92
Benzo(g,h,i)perylene	55	NA	4.3	9.4 [10]	86	79
Benzo(k)fluoranthene	5.6	NA	2.9	5.9 [8.0]	65	59
Benzyl Alcohol	16,000	NA	ND(0.94)	ND(0.74) [ND(0.75)]	ND(0.73)	ND(0.73)
bis(2-Chloroethoxy)methane	Not Listed	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
bis(2-Chloroethyl)ether	0.18	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
bis(2-Chloroisopropyl)ether	2.5	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
bis(2-Ethylhexyl)phthalate	32	NA	ND(0.40)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
Butylbenzylphthalate	930	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
Chrysene	56	NA	8.0	17 [21]	170	140
Diallate	7.3	NA	ND(0.81)	ND(0.74) [ND(0.75)]	ND(0.73)	ND(0.73)
Dibenzo(a,h)anthracene	0.056	NA	1.1	0.81 [0.96]	36	23 J
Dibenzofuran	210	NA	0.44 J	2.0 [2.2]	58	53
Diethylphthalate	44,000	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
Dimethylphthalate	100,000	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
Di-n-Butylphthalate	5,500	NA	0.24 J	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
Di-n-Octylphthalate	1,100	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
Dinoseb	55	NA	NA	NA	NA	NA
Diphenylamine	1,400	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
Ethyl Methanesulfonate	Not Listed	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
Fluoranthene	2,000	NA	22	38 [45]	490	390
Fluorene	1,800	NA	0.71	3.2 [3.8]	100	90
Hexachlorobenzene	0.28	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
Hexachlorobutadiene	5.7	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
Hexachlorocyclopentadiene	380	NA	ND(0.47) J	ND(0.37) J [ND(0.37) J]	ND(0.36) J	ND(0.36) J
Hexachloroethane	32	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
Hexachlorophene	16	NA	ND(0.94) J	ND(0.74) J [ND(0.75) J]	ND(0.73) J	ND(0.73) J
Hexachloropropene	Not Listed	NA	ND(0.47) J	ND(0.37) J [ND(0.37) J]	ND(0.36) J	ND(0.36) J
Indeno(1,2,3-cd)pyrene	0.56	NA	3.7	8.4 [8.9]	78	64
Isodrin	Not Listed	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
Isophorone	470	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
Isosafrole	Not Listed	NA	ND(0.81)	ND(0.74) [ND(0.75)]	ND(0.73)	ND(0.73)
Methapyrilene	55	NA	ND(0.81)	ND(0.74) [ND(0.75)]	ND(0.73)	ND(0.73)
Methyl Methanesulfonate	Not Listed	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
Naphthalene	55	NA	0.90	2.4 [1.7]	130	160
Nitrobenzene	16	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
N-Nitrosodiethylamine	0.003	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
N-Nitrosodimethylamine	0.0087	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
N-Nitroso-di-n-butylamine	0.022	NA	ND(0.81)	ND(0.74) [ND(0.75)]	ND(0.73)	ND(0.73)
N-Nitroso-di-n-propylamine	0.063	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
N-Nitrosodiphenylamine	91	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
N-Nitrosomethylethylamine	0.02	NA	ND(0.81)	ND(0.74) [ND(0.75)]	ND(0.73)	ND(0.73)
N-Nitrosomorpholine	0.21	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
N-Nitrosopiperidine	0.21	NA	ND(0.47) J	ND(0.37) J [ND(0.37) J]	ND(0.36) J	ND(0.36) J
N-Nitrosopyrrolidine	0.21	NA	ND(0.81)	ND(0.74) [ND(0.75)]	ND(0.73)	ND(0.73)
o,o,o-Triethylphosphorothioate	11	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
o-Toluidine	1.9	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
p-Dimethylaminoazobenzene	0.99	NA	ND(0.81)	ND(0.74) [ND(0.75)]	ND(0.73)	ND(0.73)
Pentachlorobenzene	44	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
Pentachloroethane	2.8	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
Pentachloronitrobenzene	1.7	NA	ND(0.81) J	ND(0.74) J [ND(0.75) J]	ND(0.73) J	ND(0.73) J
Pentachlorophenol	2.5	NA	ND(2.4)	ND(1.9) [ND(1.9)]	ND(1.8)	ND(1.8)
Phenacetin	640	NA	ND(0.81)	ND(0.74) [ND(0.75)]	ND(0.73)	ND(0.73)
Phenanthrene	55	NA	9.4	30 [33]	570	470

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-3-SB-9-E RA-3-SB-9-E 1-3 10/10/05	PDI RA-3-SB-11 RA-3-SB-11 0-1 06/11/03	PDI RA-3-SB-11 RA-3-SB-11 1-3 06/11/03	PDI RA-3-SB-15 RA-3-SB-15 0-1 06/11/03	PDI RA-3-SB-15 RA-3-SB-15 1-3 06/11/03
Semivolatile Organics (continued)						
Phenol	33,000	NA	0.83	0.44 [0.42]	2.1	2.9
Pronamide	4,100	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
Pyrene	1,500	NA	20	33 [42]	400	290
Pyridine	55	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
Safrole	Not Listed	NA	ND(0.47)	ND(0.37) [ND(0.37)]	ND(0.36)	ND(0.36)
Thionazin	330	NA	ND(0.47) J	ND(0.37) J [ND(0.37) J]	ND(0.36) J	ND(0.36) J
Furans						
2,3,7,8-TCDF	Not Applicable	0.000013 J	0.000035 Y	0.000010 Y [0.0000081 Y]	0.000018 Y	0.000026 Y
TCDFs (total)	Not Applicable	0.000017	0.00045 I	0.000041 J [0.000070 IJ]	0.000014 I	0.000011 I
1,2,3,7,8-PeCDF	Not Applicable	0.000015 J	0.000014	0.000042 [0.000064]	0.0000088	ND(0.0000021)
2,3,4,7,8-PeCDF	Not Applicable	0.000013 J	0.000020	0.000043 [0.000068]	0.000011	0.000011
PeCDFs (total)	Not Applicable	0.000013	0.00039 I	0.000047 J [0.000084 IJ]	0.000018 I	0.000014 I
1,2,3,4,7,8-HxCDF	Not Applicable	0.000017 J	0.000026	0.000010 [0.000011]	0.000024	0.000021
1,2,3,6,7,8-HxCDF	Not Applicable	ND(0.000013) X	0.000021	0.000068 [0.000079]	0.000021	0.000012
1,2,3,7,8,9-HxCDF	Not Applicable	ND(0.000011)	0.000016	ND(0.0000038) [0.0000022]	ND(0.0000016)	ND(0.0000014)
2,3,4,6,7,8-HxCDF	Not Applicable	ND(0.000011)	0.000017	0.000037 [0.000047]	0.000012	0.0000099
HxCDFs (total)	Not Applicable	0.000060 J	0.00044 I	0.000069 [0.00010 I]	0.000029 I	0.000023
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.000047 J	ND(0.000080) X	0.000030 J [0.000024 J]	0.000015 J	0.0000070 J
1,2,3,4,7,8,9-HpCDF	Not Applicable	ND(0.000011)	0.000011	0.000077 [0.000057]	0.000032	ND(0.0000023)
HpCDFs (total)	Not Applicable	0.000047 J	0.00016 J	0.000073 J [0.000053 J]	0.000031 J	0.000015 J
OCDF	Not Applicable	ND(0.000033)	0.00010	0.000024 [0.000021]	0.000084	0.000059
Dioxins						
2,3,7,8-TCDD	Not Applicable	ND(0.0000027)	0.000023	ND(0.0000038) [0.0000030]	ND(0.0000014)	ND(0.00000060)
TCDDs (total)	Not Applicable	0.000093	0.000031	0.000021 J [0.0000042 J]	0.000028	ND(0.0000020)
1,2,3,7,8-PeCDD	Not Applicable	ND(0.000011)	0.000013	ND(0.0000058) [0.0000036]	ND(0.0000045)	ND(0.0000033)
PeCDDs (total)	Not Applicable	0.000012	0.000013	0.000013 J [0.0000037 J]	ND(0.000012)	ND(0.0000068)
1,2,3,4,7,8-HxCDD	Not Applicable	ND(0.000011)	0.000015	ND(0.0000040) [0.0000047]	0.000034	0.000019
1,2,3,6,7,8-HxCDD	Not Applicable	ND(0.000011)	0.000037	0.000037 [0.000052]	0.000054	0.0000083
1,2,3,7,8,9-HxCDD	Not Applicable	ND(0.000011)	0.000036	0.000035 [0.000043]	0.000049	ND(0.0000018)
HxCDDs (total)	Not Applicable	0.000014	0.00020	0.000027 [0.000022]	0.000022	0.000043
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.000094 J	0.00041	0.000049 [0.000034]	0.000068	0.0000090
HpCDDs (total)	Not Applicable	0.000020	0.00069	0.000093 [0.000062]	0.00011	0.000017
OCDD	Not Applicable	0.00072	0.0022	0.00025 [0.00022]	0.00037	0.000052
Total TEQs (WHO TEFs)	Not Applicable	0.000023	0.000070	0.000075 [0.000016]	0.000039	0.000019
Inorganics						
Antimony	30	NA	1.10 B	1.20 B [ND(6.00)]	ND(6.00)	ND(6.00)
Arsenic	0.38	NA	6.60	9.90 [8.20]	6.50	8.10
Barium	5,200	NA	38.0	58.0 [48.0]	56.0	50.0
Beryllium	150	NA	0.120 B	0.200 B [0.180 B]	0.200 B	0.170 B
Cadmium	37	NA	0.450 B	0.240 B [0.100 B]	0.0820 B	ND(0.500)
Chromium	210	NA	10.0	9.60 [8.00]	6.00	6.70
Cobalt	3,300	NA	4.70 B	8.40 [8.20]	4.60 B	6.90
Copper	2,800	NA	54.0	100 [89.0]	46.0	32.0
Lead	400	NA	160 J	150 J [95.0 J]	110 J	76.0 J
Mercury	22	NA	1.00	2.80 [1.70]	0.370	0.150
Nickel	1,500	NA	19.0 J	59.0 J [27.0 J]	10.0 J	14.0 J
Selenium	370	NA	ND(1.00) J	ND(1.00) J [ND(1.00) J]	ND(1.00) J	ND(1.00) J
Silver	370	NA	ND(1.00)	ND(1.00) [ND(1.00)]	ND(1.00)	0.150 B
Thallium	6	NA	1.00 J	ND(1.10) J [ND(1.10) J]	ND(1.10) J	ND(1.10) J
Tin	45,000	NA	ND(13.0)	150 [99.0]	ND(10.0)	ND(10.0)
Vanadium	520	NA	25.0	16.0 [13.0]	8.80	7.50
Zinc	22,000	NA	140	170 [120]	120	88.0
Cyanide	11	NA	0.320 J	3.80 J [3.30 J]	0.210 J	0.0790 J
Sulfide	350	NA	42.0	8.90 [ND(5.60)]	14.0	63.0

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type:	PDI	PDI	PDI	PDI	PDI	
Location ID:	RA-3-SB-15-E	RA-3-SB-15-E	RA-3-SB-15-EE	RA-3-SB-15-EE	RA-3-SB-15-W	
Sample ID:	RA-3-SB-15-E	RA-3-SB-15-E	RA-3-SB-15-EE	RA-3-SB-15-EE	RA-3-SB-15-W	
Sample Depth(Feet):	0-1	1-3	0-1	1-3	0-1	
Date Collected:	10/11/05	10/11/05	06/02/06	06/02/06	10/11/05	
Parameter	EPA Region 9 Residential PRGs					
Volatile Organics						
1,1,1,2-Tetrachloroethane	2.8	NA	NA	NA	NA	
1,1,1-Trichloroethane	680	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane	0.36	NA	NA	NA	NA	
1,1,2-Trichloroethane	0.82	NA	NA	NA	NA	
1,1-Dichloroethane	570	NA	NA	NA	NA	
1,1-Dichloroethene	0.052	NA	NA	NA	NA	
1,2,3-Trichloropropane	0.0014	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	0.32	NA	NA	NA	NA	
1,2-Dibromoethane	0.0049	NA	NA	NA	NA	
1,2-Dichloroethane	0.34	NA	NA	NA	NA	
1,2-Dichloropropane	0.34	NA	NA	NA	NA	
1,4-Dioxane	40	NA	NA	NA	NA	
2-Butanone	6,900	NA	NA	NA	NA	
2-Chloro-1,3-butadiene	3.6	NA	NA	NA	NA	
2-Chloroethylvinylether	0.18	NA	NA	NA	NA	
2-Hexanone	750	NA	NA	NA	NA	
3-Chloropropene	2,700	NA	NA	NA	NA	
4-Methyl-2-pentanone	750	NA	NA	NA	NA	
Acetone	1,400	NA	NA	NA	NA	
Acetonitrile	200	NA	NA	NA	NA	
Acrolein	0.1	NA	NA	NA	NA	
Acrylonitrile	0.19	NA	NA	NA	NA	
Benzene	0.62	NA	NA	NA	NA	
Bromodichloromethane	0.98	NA	NA	NA	NA	
Bromoform	56	NA	NA	NA	NA	
Bromomethane	3.8	NA	NA	NA	NA	
Carbon Disulfide	350	NA	NA	NA	NA	
Carbon Tetrachloride	0.23	NA	NA	NA	NA	
Chlorobenzene	54	NA	NA	NA	NA	
Chloroethane	1,600	NA	NA	NA	NA	
Chloroform	0.24	NA	NA	NA	NA	
Chloromethane	1.2	NA	NA	NA	NA	
cis-1,3-Dichloropropene	Not Listed	NA	NA	NA	NA	
Dibromochloromethane	5.3	NA	NA	NA	NA	
Dibromomethane	550	NA	NA	NA	NA	
Dichlorodifluoromethane	94	NA	NA	NA	NA	
Ethyl Methacrylate	140	NA	NA	NA	NA	
Ethylbenzene	230	NA	NA	NA	NA	
Iodomethane	1.2	NA	NA	NA	NA	
Isobutanol	10,000	NA	NA	NA	NA	
Methacrylonitrile	1.8	NA	NA	NA	NA	
Methyl Methacrylate	2,200	NA	NA	NA	NA	
Methylene Chloride	8.5	NA	NA	NA	NA	
Propionitrile	200	NA	NA	NA	NA	
Styrene	1,700	NA	NA	NA	NA	
Tetrachloroethene	4.7	NA	NA	NA	NA	
Toluene	520	NA	NA	NA	NA	
trans-1,2-Dichloroethene	62	NA	NA	NA	NA	
trans-1,3-Dichloropropene	Not Listed	NA	NA	NA	NA	
trans-1,4-Dichloro-2-butene	Not Listed	NA	NA	NA	NA	
Trichloroethene	2.7	NA	NA	NA	NA	
Trichlorofluoromethane	380	NA	NA	NA	NA	
Vinyl Acetate	420	NA	NA	NA	NA	
Vinyl Chloride	0.021	NA	NA	NA	NA	
Xylenes (total)	210	NA	NA	NA	NA	

TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-3-SB-15-E RA-3-SB-15-E 0-1 10/11/05	PDI RA-3-SB-15-E RA-3-SB-15-E 1-3 10/11/05	PDI RA-3-SB-15-EE RA-3-SB-15-EE 0-1 06/02/06	PDI RA-3-SB-15-EE RA-3-SB-15-EE 1-3 06/02/06	PDI RA-3-SB-15-W RA-3-SB-15-W 0-1 10/11/05
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	16	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
1,2,4-Trichlorobenzene	480	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
1,2-Dichlorobenzene	370	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
1,2-Diphenylhydrazine	0.56	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
1,3,5-Trinitrobenzene	1,600	ND(4.6) J	ND(4.0) J	ND(36)	ND(35) [ND(35)]	ND(4.1) J
1,3-Dichlorobenzene	41	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
1,3-Dinitrobenzene	5.5	ND(4.6) J	ND(4.0) J	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1) J
1,4-Dichlorobenzene	3	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
1,4-Naphthoquinone	55	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
1-Naphthylamine	Not Listed	ND(4.6)	ND(4.0)	ND(36)	ND(35) [ND(35)]	ND(4.1)
2,3,4,6-Tetrachlorophenol	1,600	ND(4.6)	ND(4.0) J	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
2,4,5-Trichlorophenol	5,500	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
2,4,6-Trichlorophenol	40	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
2,4-Dichlorophenol	160	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
2,4-Dimethylphenol	1,100	1.3 J	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1) J
2,4-Dinitrophenol	110	ND(23) J	ND(20)	ND(36)	ND(35) [ND(35)]	ND(20) J
2,4-Dinitrotoluene	110	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
2,6-Dichlorophenol	160	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
2,6-Dinitrotoluene	55	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
2-Acetylaminofluorene	0.56	ND(4.6) J	ND(4.0)	ND(15)	ND(14) [ND(14)]	ND(4.1) J
2-Chloronaphthalene	3,700	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
2-Chlorophenol	59	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
2-Methylnaphthalene	55	5.5	0.89 J	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
2-Methylphenol	2,700	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
2-Naphthylamine	Not Listed	ND(4.6) J	ND(4.0) J	ND(36)	ND(35) [ND(35)]	ND(4.1) J
2-Nitroaniline	3.3	ND(23) J	ND(20)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(20) J
2-Nitrophenol	Not Listed	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
2-Picoline	55	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
3&4-Methylphenol	270	1.0 J	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
3,3'-Dichlorobenzidine	0.99	ND(9.2)	ND(8.0)	ND(15)	ND(14) [ND(14)]	ND(8.2)
3,3'-Dimethylbenzidine	0.048	ND(4.6)	ND(4.0)	ND(36)	ND(35) [ND(35)]	ND(4.1)
3-Methylcholanthrene	0.056	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
3-Nitroaniline	5.5	ND(23)	ND(20)	ND(36) J	ND(35) J [ND(35) J]	ND(20)
4,6-Dinitro-2-methylphenol	55	ND(4.6)	ND(4.0)	ND(36)	ND(35) [ND(35)]	ND(4.1)
4-Aminobiphenyl	1,400	ND(4.6) J	ND(4.0) J	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1) J
4-Bromophenyl-phenylether	160	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
4-Chloro-3-Methylphenol	2,700	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
4-Chloroaniline	220	ND(4.6)	ND(4.0)	ND(36) J	ND(35) J [ND(35) J]	ND(4.1)
4-Chlorobenzilate	1.6	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
4-Chlorophenyl-phenylether	Not Listed	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
4-Methylphenol	270	NA	NA	NA	NA	NA
4-Nitroaniline	5.5	ND(4.6)	ND(4.0)	ND(36)	ND(35) [ND(35)]	ND(4.1)
4-Nitrophenol	3,400	ND(23)	ND(20)	ND(36)	ND(35) [ND(35)]	ND(20)
4-Nitroquinoline-1-oxide	110	ND(4.6) J	ND(4.0) J	ND(36) J	ND(35) J [ND(35) J]	ND(4.1) J
4-Phenylenediamine	10,000	ND(4.6)	ND(4.0)	ND(15) J	ND(14) J [ND(14) J]	ND(4.1)
5-Nitro-o-toluidine	13	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
7,12-Dimethylbenz(a)anthracene	0.056	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
a,a'-Dimethylphenethylamine	55	ND(4.6) J	ND(4.0) J	ND(36)	ND(35) [ND(35)]	ND(4.1) J
Acenaphthene	2,600	14	9.3	3.7 J	2.8 J [3.1 J]	ND(4.1)
Acenaphthylene	55	4.9	1.7 J	2.8 J	1.7 J [1.7 J]	ND(4.1)
Acetophenone	0.49	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
Aniline	78	4.2 J	ND(4.0) J	ND(7.3)	12 [11]	ND(4.1) J
Anthracene	14,000	25	33	7.1 J	6.6 J [9.1]	ND(4.1)
Aramite	18	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
Azobenzene	4	NA	NA	NA	NA	NA
Benzidine	0.0019	ND(9.2) J	ND(8.0) J	ND(15) J	ND(14) J [ND(14) J]	ND(8.2) J

TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-3-SB-15-E RA-3-SB-15-E 0-1 10/11/05	PDI RA-3-SB-15-E RA-3-SB-15-E 1-3 10/11/05	PDI RA-3-SB-15-EE RA-3-SB-15-EE 0-1 06/02/06	PDI RA-3-SB-15-EE RA-3-SB-15-EE 1-3 06/02/06	PDI RA-3-SB-15-W RA-3-SB-15-W 0-1 10/11/05
Semivolatile Organics (continued)						
Benzo(a)anthracene	0.56	56	78	23	20 [28]	1.5 J
Benzo(a)pyrene	0.056	40	46	24	15 [21]	1.2 J
Benzo(b)fluoranthene	0.56	32	36	27	17 [24]	1.4 J
Benzo(g,h,i)perylene	55	18	18	18	12 [15]	0.83 J
Benzo(k)fluoranthene	5.6	38	41	11	6.2 J [11]	1.5 J
Benzyl Alcohol	16,000	ND(9.2)	ND(8.0)	ND(15)	ND(14) [ND(14)]	ND(8.2)
bis(2-Chloroethoxy)methane	Not Listed	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
bis(2-Chloroethyl)ether	0.18	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
bis(2-Chloroisopropyl)ether	2.5	ND(4.6) J	ND(4.0) J	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1) J
bis(2-Ethylhexyl)phthalate	32	4.4	ND(2.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(2.0)
Butylbenzylphthalate	930	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
Chrysene	56	57	69	24	19 [23]	1.9 J
Diallate	7.3	ND(4.6)	ND(4.0) J	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
Dibenzo(a,h)anthracene	0.056	4.9	5.3	2.3 J	ND(7.0) [ND(7.0)]	ND(4.1)
Dibenzofuran	210	7.7	3.7 J	ND(7.3)	ND(7.0) [1.5 J]	ND(4.1)
Diethylphthalate	44,000	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
Dimethylphthalate	100,000	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
Di-n-Butylphthalate	5,500	0.99 J	ND(4.0)	2.5 J	ND(7.0) [ND(7.0)]	ND(4.1)
Di-n-Octylphthalate	1,100	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
Dinoseb	55	NA	NA	NA	NA	NA
Diphenylamine	1,400	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
Ethyl Methanesulfonate	Not Listed	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
Fluoranthene	2,000	120	120	45	27 [36]	2.9 J
Fluorene	1,800	16	9.8	2.8 J	1.7 J [2.4 J]	ND(4.1)
Hexachlorobenzene	0.28	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
Hexachlorobutadiene	5.7	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
Hexachlorocyclopentadiene	380	ND(4.6) J	ND(4.0) J	ND(15)	ND(14) [ND(14)]	ND(4.1) J
Hexachloroethane	32	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
Hexachlorophene	16	ND(9.2) J	ND(8.0) J	ND(7.3) J	ND(7.0) J [ND(7.0) J]	ND(8.2) J
Hexachloropropene	Not Listed	ND(4.6) J	ND(4.0)	ND(15)	ND(14) [ND(14)]	ND(4.1) J
Indeno(1,2,3-cd)pyrene	0.56	18	18	15	12 [16]	0.51 J
Isodrin	Not Listed	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
Isophorone	470	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
Isosafrole	Not Listed	ND(4.6) J	ND(4.0) J	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1) J
Methapyrilene	55	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) J [ND(7.0) J]	ND(4.1)
Methyl Methanesulfonate	Not Listed	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
Naphthalene	55	12	0.99 J	2.2 J	2.6 J [2.5 J]	ND(4.1)
Nitrobenzene	16	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
N-Nitrosodiethylamine	0.003	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
N-Nitrosodimethylamine	0.0087	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
N-Nitroso-di-n-butylamine	0.022	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
N-Nitroso-di-n-propylamine	0.063	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
N-Nitrosodiphenylamine	91	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
N-Nitrosomethylethylamine	0.02	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
N-Nitrosomorpholine	0.21	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
N-Nitrosopiperidine	0.21	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
N-Nitrosopyrrolidine	0.21	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
o,o,o-Triethylphosphorothioate	11	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
o-Toluidine	1.9	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
p-Dimethylaminoazobenzene	0.99	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
Pentachlorobenzene	44	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
Pentachloroethane	2.8	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
Pentachloronitrobenzene	1.7	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
Pentachlorophenol	2.5	ND(23)	ND(20)	ND(36)	ND(35) [ND(35)]	ND(20)
Phenacetin	640	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
Phenanthrene	55	83	69	32	24 [33]	1.6 J

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type:	PDI	PDI	PDI	PDI	PDI	
Location ID:	RA-3-SB-15-E	RA-3-SB-15-E	RA-3-SB-15-EE	RA-3-SB-15-EE	RA-3-SB-15-W	
Sample ID:	RA-3-SB-15-E	RA-3-SB-15-E	RA-3-SB-15-EE	RA-3-SB-15-EE	RA-3-SB-15-W	
Sample Depth(Feet):	0-1	1-3	0-1	1-3	0-1	
Date Collected:	10/11/05	10/11/05	06/02/06	06/02/06	10/11/05	
Parameter	EPA Region 9 Residential PRGs					
Semivolatile Organics (continued)						
Phenol	33,000	ND(4.6)	ND(4.0)	5.0 J	ND(7.0) [ND(7.0)]	ND(4.1)
Pronamide	4,100	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
Pyrene	1,500	130	120	54	32 [44]	3.4 J
Pyridine	55	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1)
Safrole	Not Listed	ND(4.6) J	ND(4.0) J	ND(7.3)	ND(7.0) [ND(7.0)]	ND(4.1) J
Thionazin	330	ND(4.6)	ND(4.0)	ND(15)	ND(14) [ND(14)]	ND(4.1)
Furans						
2,3,7,8-TCDF	Not Applicable	NA	NA	NA	NA	NA
TCDFs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	NA	NA	NA	NA	NA
PeCDFs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA	NA
HxCDFs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	NA	NA	NA	NA
HpCDFs (total)	Not Applicable	NA	NA	NA	NA	NA
OCDF	Not Applicable	NA	NA	NA	NA	NA
Dioxins						
2,3,7,8-TCDD	Not Applicable	NA	NA	NA	NA	NA
TCDDs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	NA	NA	NA	NA	NA
PeCDDs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	NA	NA	NA	NA	NA
HxCDDs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	NA	NA	NA	NA
HpCDDs (total)	Not Applicable	NA	NA	NA	NA	NA
OCDD	Not Applicable	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	NA	NA	NA	NA	NA
Inorganics						
Antimony	30	NA	NA	NA	NA	NA
Arsenic	0.38	NA	NA	NA	NA	NA
Barium	5,200	NA	NA	NA	NA	NA
Beryllium	150	NA	NA	NA	NA	NA
Cadmium	37	NA	NA	NA	NA	NA
Chromium	210	NA	NA	NA	NA	NA
Cobalt	3,300	NA	NA	NA	NA	NA
Copper	2,800	NA	NA	NA	NA	NA
Lead	400	NA	NA	NA	NA	NA
Mercury	22	NA	NA	NA	NA	NA
Nickel	1,500	NA	NA	NA	NA	NA
Selenium	370	NA	NA	NA	NA	NA
Silver	370	NA	NA	NA	NA	NA
Thallium	6	NA	NA	NA	NA	NA
Tin	45,000	NA	NA	NA	NA	NA
Vanadium	520	NA	NA	NA	NA	NA
Zinc	22,000	NA	NA	NA	NA	NA
Cyanide	11	NA	NA	NA	NA	NA
Sulfide	350	NA	NA	NA	NA	NA

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-3-SB-15-W RA-3-SB-15-W 1-3 10/11/05	PDI RA-3-SB-15-WW RA-3-SB-15-WW 1-3 06/02/06	PDI RA-3-SB-15-WWW RA-3-SB-15-WWW 1-3 06/02/06
Volatile Organics					
1,1,1,2-Tetrachloroethane		2.8	NA	NA	NA
1,1,1-Trichloroethane		680	NA	NA	NA
1,1,2,2-Tetrachloroethane		0.36	NA	NA	NA
1,1,2-Trichloroethane		0.82	NA	NA	NA
1,1-Dichloroethane		570	NA	NA	NA
1,1-Dichloroethene		0.052	NA	NA	NA
1,2,3-Trichloropropane		0.0014	NA	NA	NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA	NA
1,2-Dibromoethane		0.0049	NA	NA	NA
1,2-Dichloroethane		0.34	NA	NA	NA
1,2-Dichloropropane		0.34	NA	NA	NA
1,4-Dioxane		40	NA	NA	NA
2-Butanone		6,900	NA	NA	NA
2-Chloro-1,3-butadiene		3.6	NA	NA	NA
2-Chloroethylvinylether		0.18	NA	NA	NA
2-Hexanone		750	NA	NA	NA
3-Chloropropene		2,700	NA	NA	NA
4-Methyl-2-pentanone		750	NA	NA	NA
Acetone		1,400	NA	NA	NA
Acetonitrile		200	NA	NA	NA
Acrolein		0.1	NA	NA	NA
Acrylonitrile		0.19	NA	NA	NA
Benzene		0.62	NA	NA	NA
Bromodichloromethane		0.98	NA	NA	NA
Bromoform		56	NA	NA	NA
Bromomethane		3.8	NA	NA	NA
Carbon Disulfide		350	NA	NA	NA
Carbon Tetrachloride		0.23	NA	NA	NA
Chlorobenzene		54	NA	NA	NA
Chloroethane		1,600	NA	NA	NA
Chloroform		0.24	NA	NA	NA
Chloromethane		1.2	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	NA	NA	NA
Dibromochloromethane		5.3	NA	NA	NA
Dibromomethane		550	NA	NA	NA
Dichlorodifluoromethane		94	NA	NA	NA
Ethyl Methacrylate		140	NA	NA	NA
Ethylbenzene		230	NA	NA	NA
Iodomethane		1.2	NA	NA	NA
Isobutanol		10,000	NA	NA	NA
Methacrylonitrile		1.8	NA	NA	NA
Methyl Methacrylate		2,200	NA	NA	NA
Methylene Chloride		8.5	NA	NA	NA
Propionitrile		200	NA	NA	NA
Styrene		1,700	NA	NA	NA
Tetrachloroethene		4.7	NA	NA	NA
Toluene		520	NA	NA	NA
trans-1,2-Dichloroethene		62	NA	NA	NA
trans-1,3-Dichloropropene		Not Listed	NA	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	NA
Trichloroethene		2.7	NA	NA	NA
Trichlorofluoromethane		380	NA	NA	NA
Vinyl Acetate		420	NA	NA	NA
Vinyl Chloride		0.021	NA	NA	NA
Xylenes (total)		210	NA	NA	NA

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-3-SB-15-W RA-3-SB-15-W 1-3 10/11/05	PDI RA-3-SB-15-WW RA-3-SB-15-WW 1-3 06/02/06	PDI RA-3-SB-15-WWW RA-3-SB-15-WWW 1-3 06/02/06
	Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene		16	ND(3.8)	ND(71)	ND(3.4)
1,2,4-Trichlorobenzene		480	ND(3.8)	ND(71)	ND(3.4)
1,2-Dichlorobenzene		370	ND(3.8)	ND(71)	ND(3.4)
1,2-Diphenylhydrazine		0.56	ND(3.8)	ND(71)	ND(3.4)
1,3,5-Trinitrobenzene		1,600	ND(3.8) J	ND(360)	ND(17)
1,3-Dichlorobenzene		41	ND(3.8)	ND(71)	ND(3.4)
1,3-Dinitrobenzene		5.5	ND(3.8) J	ND(71)	ND(3.4)
1,4-Dichlorobenzene		3	ND(3.8)	ND(71)	ND(3.4)
1,4-Naphthoquinone		55	ND(3.8)	ND(71)	ND(3.4)
1-Naphthylamine		Not Listed	ND(3.8)	ND(360)	ND(17)
2,3,4,6-Tetrachlorophenol		1,600	ND(3.8)	ND(71)	ND(3.4)
2,4,5-Trichlorophenol		5,500	ND(3.8)	ND(71)	ND(3.4)
2,4,6-Trichlorophenol		40	ND(3.8)	ND(71)	ND(3.4)
2,4-Dichlorophenol		160	ND(3.8)	ND(71)	ND(3.4)
2,4-Dimethylphenol		1,100	ND(3.8) J	ND(71)	23
2,4-Dinitrophenol		110	ND(19) J	ND(360)	ND(17)
2,4-Dinitrotoluene		110	ND(3.8)	ND(71)	ND(3.4)
2,6-Dichlorophenol		160	ND(3.8)	ND(71)	ND(3.4)
2,6-Dinitrotoluene		55	ND(3.8)	ND(71)	ND(3.4)
2-Acetylaminofluorene		0.56	ND(3.8) J	ND(140)	ND(6.9)
2-Chloronaphthalene		3,700	ND(3.8)	ND(71)	ND(3.4)
2-Chlorophenol		59	ND(3.8)	ND(71)	ND(3.4)
2-Methylnaphthalene		55	11	34 J	ND(3.4)
2-Methylphenol		2,700	ND(3.8)	ND(71)	4.1
2-Naphthylamine		Not Listed	ND(3.8) J	ND(360)	ND(17)
2-Nitroaniline		3.3	ND(19) J	ND(71)	ND(3.4)
2-Nitrophenol		Not Listed	ND(3.8)	ND(71)	ND(3.4)
2-Picoline		55	ND(3.8)	ND(71)	ND(3.4)
3&4-Methylphenol		270	ND(3.8)	ND(71)	18
3,3'-Dichlorobenzidine		0.99	ND(7.6)	ND(140)	ND(6.9)
3,3'-Dimethylbenzidine		0.048	ND(3.8)	ND(360)	ND(17)
3-Methylcholanthrene		0.056	ND(3.8)	ND(71)	ND(3.4)
3-Nitroaniline		5.5	ND(19)	ND(360) J	ND(17) J
4,6-Dinitro-2-methylphenol		55	ND(3.8)	ND(360)	ND(17)
4-Aminobiphenyl		1,400	ND(3.8) J	ND(71)	ND(3.4)
4-Bromophenyl-phenylether		160	ND(3.8)	ND(71)	ND(3.4)
4-Chloro-3-Methylphenol		2,700	ND(3.8)	ND(71)	ND(3.4)
4-Chloroaniline		220	ND(3.8)	ND(360) J	ND(17) J
4-Chlorobenzilate		1.6	ND(3.8)	ND(71)	ND(3.4)
4-Chlorophenyl-phenylether		Not Listed	ND(3.8)	ND(71)	ND(3.4)
4-Methylphenol		270	NA	NA	NA
4-Nitroaniline		5.5	ND(3.8)	ND(360)	ND(17)
4-Nitrophenol		3,400	ND(19)	ND(360)	ND(17)
4-Nitroquinoline-1-oxide		110	ND(3.8) J	ND(360) J	ND(17) J
4-Phenylenediamine		10,000	ND(3.8)	ND(140) J	ND(6.9)
5-Nitro-o-toluidine		13	ND(3.8)	ND(71)	ND(3.4)
7,12-Dimethylbenz(a)anthracene		0.056	ND(3.8)	ND(71)	ND(3.4)
a,a'-Dimethylphenethylamine		55	ND(3.8) J	ND(360)	ND(17)
Acenaphthene		2,600	21	76	1.9 J
Acenaphthylene		55	ND(3.8)	ND(71)	1.6 J
Acetophenone		0.49	ND(3.8)	ND(71)	ND(3.4)
Aniline		78	ND(3.8) J	ND(71)	11
Anthracene		14,000	33	140	4.6
Aramite		18	ND(3.8)	ND(71)	ND(3.4)
Azobenzene		4	NA	NA	NA
Benzidine		0.0019	ND(7.6) J	ND(140) J	ND(6.9) J

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-3-SB-15-W RA-3-SB-15-W 1-3 10/11/05	PDI RA-3-SB-15-WW RA-3-SB-15-WW 1-3 06/02/06	PDI RA-3-SB-15-WWW RA-3-SB-15-WWW 1-3 06/02/06
Semivolatile Organics (continued)					
Benzo(a)anthracene		0.56	47	160	13
Benzo(a)pyrene		0.056	28	120	11
Benzo(b)fluoranthene		0.56	24	120	13
Benzo(g,h,i)perylene		55	10	63 J	8.1
Benzo(k)fluoranthene		5.6	29	54 J	5.5
Benzyl Alcohol		16,000	ND(7.6)	ND(140)	5.2 J
bis(2-Chloroethoxy)methane		Not Listed	ND(3.8)	ND(71)	ND(3.4)
bis(2-Chloroethyl)ether		0.18	ND(3.8)	ND(71)	ND(3.4)
bis(2-Chloroisopropyl)ether		2.5	ND(3.8) J	ND(71)	ND(3.4)
bis(2-Ethylhexyl)phthalate		32	ND(1.9)	ND(71)	ND(3.4)
Butylbenzylphthalate		930	ND(3.8)	ND(71)	ND(3.4)
Chrysene		56	42	130	14
Diallate		7.3	ND(3.8)	ND(71)	ND(3.4)
Dibenzo(a,h)anthracene		0.056	4.8	ND(71)	1.7 J
Dibenzofuran		210	16	61 J	0.89 J
Diethylphthalate		44,000	ND(3.8)	ND(71)	ND(3.4)
Dimethylphthalate		100,000	ND(3.8)	ND(71)	1.6 J
Di-n-Butylphthalate		5,500	ND(3.8)	ND(71)	ND(3.4)
Di-n-Octylphthalate		1,100	ND(3.8)	ND(71)	ND(3.4)
Dinoseb		55	NA	NA	NA
Diphenylamine		1,400	ND(3.8)	ND(71)	ND(3.4)
Ethyl Methanesulfonate		Not Listed	ND(3.8)	ND(71)	ND(3.4)
Fluoranthene		2,000	110	370	20
Fluorene		1,800	17	79	1.5 J
Hexachlorobenzene		0.28	ND(3.8)	ND(71)	ND(3.4)
Hexachlorobutadiene		5.7	ND(3.8)	ND(71)	ND(3.4)
Hexachlorocyclopentadiene		380	ND(3.8) J	ND(140)	ND(6.9)
Hexachloroethane		32	ND(3.8)	ND(71)	ND(3.4)
Hexachlorophene		16	ND(7.6) J	ND(71) J	ND(3.4) J
Hexachloropropene		Not Listed	ND(3.8) J	ND(140)	ND(6.9)
Indeno(1,2,3-cd)pyrene		0.56	11	68 J	9.4
Isodrin		Not Listed	ND(3.8)	ND(71)	ND(3.4)
Isophorone		470	ND(3.8)	ND(71)	ND(3.4)
Isosafrole		Not Listed	ND(3.8) J	ND(71)	ND(3.4)
Methapyrilene		55	ND(3.8)	ND(71) J	ND(3.4) J
Methyl Methanesulfonate		Not Listed	ND(3.8)	ND(71)	ND(3.4)
Naphthalene		55	40	110	1.7 J
Nitrobenzene		16	ND(3.8)	ND(71)	ND(3.4)
N-Nitrosodiethylamine		0.003	ND(3.8)	ND(71)	ND(3.4)
N-Nitrosodimethylamine		0.0087	ND(3.8)	ND(71)	ND(3.4)
N-Nitroso-di-n-butylamine		0.022	ND(3.8)	ND(71)	ND(3.4)
N-Nitroso-di-n-propylamine		0.063	ND(3.8)	ND(71)	ND(3.4)
N-Nitrosodiphenylamine		91	ND(3.8)	ND(71)	ND(3.4)
N-Nitrosomethylethylamine		0.02	ND(3.8)	ND(71)	ND(3.4)
N-Nitrosomorpholine		0.21	ND(3.8)	ND(71)	ND(3.4)
N-Nitrosopiperidine		0.21	ND(3.8)	ND(71)	ND(3.4)
N-Nitrosopyrrolidine		0.21	ND(3.8)	ND(71)	ND(3.4)
o,o,o-Triethylphosphorothioate		11	ND(3.8)	ND(71)	ND(3.4)
o-Toluidine		1.9	ND(3.8)	ND(71)	ND(3.4)
p-Dimethylaminoazobenzene		0.99	ND(3.8)	ND(71)	ND(3.4)
Pentachlorobenzene		44	ND(3.8)	ND(71)	ND(3.4)
Pentachloroethane		2.8	ND(3.8)	ND(71)	ND(3.4)
Pentachloronitrobenzene		1.7	ND(3.8)	ND(71)	ND(3.4)
Pentachlorophenol		2.5	ND(19)	ND(360)	ND(17)
Phenacetin		640	ND(3.8)	ND(71)	ND(3.4)
Phenanthrene		55	120	560	18

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-3-SB-15-W RA-3-SB-15-W 1-3 10/11/05	PDI RA-3-SB-15-WW RA-3-SB-15-WW 1-3 06/02/06	PDI RA-3-SB-15-WWW RA-3-SB-15-WWW 1-3 06/02/06
Parameter				
Semivolatile Organics (continued)				
Phenol	33,000	ND(3.8)	ND(71)	2.7 J
Pronamide	4,100	ND(3.8)	ND(71)	ND(3.4)
Pyrene	1,500	110	390	22
Pyridine	55	ND(3.8)	ND(71)	ND(3.4)
Safrole	Not Listed	ND(3.8) J	ND(71)	ND(3.4)
Thionazin	330	ND(3.8)	ND(140)	ND(6.9)
Furans				
2,3,7,8-TCDF	Not Applicable	NA	NA	NA
TCDFs (total)	Not Applicable	NA	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	NA	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	NA	NA	NA
PeCDFs (total)	Not Applicable	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	NA	NA	NA
HxCDFs (total)	Not Applicable	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	NA	NA
HpCDFs (total)	Not Applicable	NA	NA	NA
OCDF	Not Applicable	NA	NA	NA
Dioxins				
2,3,7,8-TCDD	Not Applicable	NA	NA	NA
TCDDs (total)	Not Applicable	NA	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	NA	NA	NA
PeCDDs (total)	Not Applicable	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	NA	NA	NA
HxCDDs (total)	Not Applicable	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	NA	NA
HpCDDs (total)	Not Applicable	NA	NA	NA
OCDD	Not Applicable	NA	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	NA	NA	NA
Inorganics				
Antimony	30	NA	NA	NA
Arsenic	0.38	NA	NA	NA
Barium	5,200	NA	NA	NA
Beryllium	150	NA	NA	NA
Cadmium	37	NA	NA	NA
Chromium	210	NA	NA	NA
Cobalt	3,300	NA	NA	NA
Copper	2,800	NA	NA	NA
Lead	400	NA	NA	NA
Mercury	22	NA	NA	NA
Nickel	1,500	NA	NA	NA
Selenium	370	NA	NA	NA
Silver	370	NA	NA	NA
Thallium	6	NA	NA	NA
Tin	45,000	NA	NA	NA
Vanadium	520	NA	NA	NA
Zinc	22,000	NA	NA	NA
Cyanide	11	NA	NA	NA
Sulfide	350	NA	NA	NA

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors or EPA and submitted for analysis of Appendix IX+3 constituents.
2. Data Types: PDI = GE Pre-Design Investigation soil sampling; Historical = GE Historical soil sampling; EPA = EPA soil sampling.
3. PDI Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
4. NA - Not Analyzed.
5. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
6. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
7. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- B - Analyte was also detected in the associated method blank.
- J - Estimated Value.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- 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 - Estimated Value.

**TABLE E-132
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
RECREATIONAL AREA 3 (RA-3)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Analytical Parameter	Maximum Detect	USEPA EPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
Acetone	0.044	1,400	No
Chlorobenzene	0.0085	54	No
Ethylbenzene	0.004	230	No
Semivolatile Organics			
1,2,4-Trichlorobenzene	0.52	480	No
1,4-Dichlorobenzene	0.53	3	No
2,4-Dimethylphenol	23	1,100	No
2,4-Dinitrotoluene	2.9	110	No
2-Chloronaphthalene	0.39	3,700	No
2-Methylnaphthalene	51	55*	No
2-Methylphenol	4.1	2,700	No
3&4-Methylphenol	18	270*	No
3-Methylcholanthrene	2.8	0.056	Yes
Acenaphthene	98	2,600	No
Acenaphthylene	4.9	55*	No
Acetophenone	1.7	0.49	Yes
Aniline	33	78	No
Anthracene	150	14,000	No
Benzo(a)anthracene	190	0.56	Yes
Benzo(a)pyrene	140	0.056	Yes
Benzo(b)fluoranthene	160	0.56	Yes
Benzo(g,h,i)perylene	86	55*	Yes
Benzo(k)fluoranthene	65	5.6	Yes
Benzyl Alcohol	5.2	16,000	No
bis(2-Ethylhexyl)phthalate	4.4	32	No
Chrysene	170	56	Yes
Dibenzo(a,h)anthracene	36	0.056	Yes
Dibenzofuran	61	210	No
Dimethylphthalate	1.6	100,000	No
Di-n-Butylphthalate	2.9	5,500	No
Fluoranthene	490	2,000	No
Fluorene	100	1,800	No
Indeno(1,2,3-cd)pyrene	78	0.56	Yes
Naphthalene	160	55	Yes
Phenanthrene	570	55*	Yes
Phenol	5.9	33,000	No
Pyrene	400	1,500	No
Inorganics			
Antimony	6.5	30	No
Arsenic	31	0.38	Yes
Barium	150	5,200	No
Beryllium	0.6	150	No
Cadmium	13	37	No
Chromium	94	210	No
Cobalt	11.5	3,300	No
Copper	4,990	2,800	Yes
Cyanide	3.8	11*	No
Lead	1,050	400	Yes
Mercury	5.5	22	No
Nickel	59	1,500	No
Selenium	2	370	No
Silver	17	370	No
Sulfide	1,360	350*	Yes
Thallium	2	6	No
Tin	232	45,000	No
Vanadium	81.8	520	No
Zinc	2,400	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

**TABLE E-133
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 0- TO 1-FOOT DEPTH INCREMENT**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-1 0-1 06/10/03	RA-3-SB-4 0-1 06/10/03	RA-3-SB-6-S 0-1 05/01/07	RA-3-SB-8 0-1 06/11/03	RA-3-SB-9 0-1 06/11/03	RA-3-SB-11 0-1 06/11/03
Semivolatile Organics						
3-Methylcholanthrene	0.49	0.38	--	0.39	0.70	0.41
Acetophenone	0.25	0.19	--	0.20	0.34	0.24
Benzo(a)anthracene	1.4	1.5	--	0.62	3.6	7.4
Benzo(a)pyrene	1.5	1.6	--	0.57	3.0	6.1
Benzo(b)fluoranthene	1.9	2.0	--	0.78	4.3	7.8
Benzo(g,h,i)perylene	1.6	1.4	--	0.53	2.6	4.3
Benzo(k)fluoranthene	0.72	0.73	--	0.25	1.6	2.9
Chrysene	1.5	1.6	--	0.70	5.5	8.0
Dibenzo(a,h)anthracene	0.40	0.40	--	0.20	0.39	1.1
Indeno(1,2,3-cd)pyrene	1.2	1.1	--	0.40	2.1	3.7
Naphthalene	0.25	0.19	--	0.20	0.74	0.90
Phenanthrene	1.3	0.86	--	0.76	3.8	9.4
Dioxins/Furans						
Total TEQs (WHO TEFs)	3.30E-05	3.10E-05	--	1.80E-05	2.50E-04	7.00E-05
Inorganics						
Arsenic	4.60	4.10	--	8.50	31.0	6.60
Copper	48.0	19.0	--	160	590	54.0
Lead	130	31.0	401	170	400	160
Sulfide	9.40	38.0	--	15.0	880	42.0
Semivolatile Organics						
3-Methylcholanthrene	2.1	2.0	0.37	2.3	3.7	2.1
Acetophenone	1.7	2.0	0.18	2.3	0.75	2.1
Benzo(a)anthracene	8.0	14	190	56	21	1.5
Benzo(a)pyrene	7.2	16	140	40	23	1.2
Benzo(b)fluoranthene	9.3	17	160	32	32	1.4
Benzo(g,h,i)perylene	1.1	3.6	86	18	13	0.83
Benzo(k)fluoranthene	6.9	11	65	38	9.5	1.5
Chrysene	8.7	17	170	57	22	1.9
Dibenzo(a,h)anthracene	2.1	2.0	36	4.9	3.2	2.05
Indeno(1,2,3-cd)pyrene	3.2	4.7	78	18	15	0.51
Naphthalene	4.5	0.92	130	12	2.0	2.1
Phenanthrene	11	18	570	83	37	1.6
Dioxins/Furans						
Total TEQs (WHO TEFs)	2.50E-04	--	3.90E-06	--	--	--
Inorganics						
Arsenic	5.30	--	6.50	--	--	--
Copper	218	--	46.0	--	--	--
Lead	294	--	110	--	--	--
Sulfide	1,360	--	14.0	--	--	--

See Notes on Page 3

**TABLE E-133
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 0- TO 1-FOOT DEPTH INCREMENT**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	RA-4-SB-3 0-1 06/11/03	COMP-RA-3-SB-15 / SLB-9 0-1 (See Note 2)	SL-BH001466 0-1 04/09/08	SL-BH001467 0-1 04/09/08	SL-BH001473 0-1 04/09/08
Semivolatile Organics					
3-Methylcholanthrene	0.37	1.8	3.0	1.3	2.8
Acetophenone	0.19	1.3	--	--	--
Benzo(a)anthracene	4.5	42	4.0	3.4	6.9
Benzo(a)pyrene	3.8	33	4.2	3.2	9.6
Benzo(b)fluoranthene	4.4	37	5.4	4.4	9.4
Benzo(g,h,i)perylene	3.0	18	3.6	2.6	10
Benzo(k)fluoranthene	1.8	19	1.9	1.4	3.5
Chrysene	4.3	40	4.8	3.8	6.9
Dibenzo(a,h)anthracene	0.80	7.3	1.0	0.86	3.1
Indeno(1,2,3-cd)pyrene	2.5	17	3.3	2.5	7.5
Naphthalene	0.50	22	0.60	0.20	0.90
Phenanthrene	5.8	104	4.0	3.9	5.0
Dioxins/Furans					
Total TEQs (WHO TEFs)	(See Note 1)	--	--	--	--
Inorganics					
Arsenic	(See Note 1)	--	12.0	15.1	13.9
Copper	(See Note 1)	--	186	183	4,990
Lead	(See Note 1)	--	304	434	449
Sulfide	(See Note 1)	--	--	--	--

Sample ID: Sample Depth(Feet): Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatile Organics				
3-Methylcholanthrene	N/A (See Note 7)	1.2	Not Listed	Yes
Acetophenone	N/A (See Note 7)	0.4	Not Listed	Yes
Benzo(a)anthracene	N/A (See Note 7)	7.9	7	Yes
Benzo(a)pyrene	N/A (See Note 7)	7.0	2	Yes
Benzo(b)fluoranthene	N/A (See Note 7)	8.1	7	Yes
Benzo(g,h,i)perylene	N/A (See Note 7)	5.0	1,000	No
Benzo(k)fluoranthene	N/A (See Note 7)	3.6	70	No
Chrysene	N/A (See Note 7)	8.1	70	No
Dibenzo(a,h)anthracene	N/A (See Note 7)	1.6	0.7	Yes
Indeno(1,2,3-cd)pyrene	N/A (See Note 7)	4.4	7	No
Naphthalene	N/A (See Note 7)	2.9	40	No
Phenanthrene	N/A (See Note 7)	15	500	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	2.50E-04	N/A (See Note 7)	1.00E-03	No
Inorganics				
Arsenic	N/A (See Note 7)	10.8	20	No
Copper	N/A (See Note 7)	649	770**	No
Lead	N/A (See Note 7)	262	300	No
Sulfide	N/A (See Note 7)	337	633*	No

See Notes on Page 3

**TABLE E-133
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 0- TO 1-FOOT DEPTH INCREMENT**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Notes:

1. The SVOC results presented for RA-4-SB-3 (0-1') are used to delineate sample location RA-3-SB-15-E to the east. The Total TEQs and inorganic results are not presented herein as these results are included in the evaluation of Recreational Area 4.
2. The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected):
RA-3-SB-15-E (0-1'; 10/11/05), RA-3-SB-15-W (0-1'; 10/11/05), SLB-9BB (0-0.5'; 10/11/95), SLB-9TB (0-0.5'; 10/11/05), RA-3-SB-15 (0-1'; 6/11/03), RA-4-SB-3 (0-1'; 6/11/03), and RA-3-SB-15-EE (0-1'; 6/1/06).
3. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
4. With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
5. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
6. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
7. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
8. * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
9. ** = No MCP Method 1 standard exists for copper, but an MCP Method 2 soil standard (Category S-1/GW-3) has been derived for copper using the procedure in 310 CMR 40.0984, as described in Attachment A of a letter submitted by GE on April 11, 2001 to MDEP (copied to EPA) regarding *Revised Evaluation of Appendix IX+3 Constituents, Revised Soil Removal Limits, and Proposed Groundwater Investigation for the following Parcels: I9-9-26, I9-9-27, I9-9-28, and I9-9-29.*
This derived soil standard is 770 ppm.
10. -- = Not analyzed.

**TABLE E-133A
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 0- TO 3-FOOT DEPTH INCREMENT**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-1 0-1 06/10/03	RA-3-SB-4 0-1 06/10/03	RA-3-SB-6-S 0-1 05/01/07	RA-3-SB-8 0-1 06/11/03	RA-3-SB-9 0-1 06/11/03	RA-3-SB-11 0-1 06/11/03	RA-3-SB-15 0-1 06/11/03
Semivolatile Organics							
3-Methylcholanthrene	0.49	0.38	--	0.39	0.70	0.41	0.37
Acetophenone	0.25	0.19	--	0.20	0.34	0.24	0.18
Benzo(a)anthracene	1.4	1.5	--	0.62	3.6	7.4	190
Benzo(a)pyrene	1.5	1.6	--	0.57	3.0	6.1	140
Benzo(b)fluoranthene	1.9	2.0	--	0.78	4.3	7.8	160
Benzo(g,h,i)perylene	1.6	1.4	--	0.53	2.6	4.3	86
Benzo(k)fluoranthene	0.72	0.73	--	0.25	1.6	2.9	65
Chrysene	1.5	1.6	--	0.70	5.5	8.0	170
Dibenzo(a,h)anthracene	0.40	0.40	--	0.20	0.39	1.1	36
Indeno(1,2,3-cd)pyrene	1.2	1.1	--	0.40	2.1	3.7	78
Naphthalene	0.25	0.19	--	0.20	0.74	0.90	130
Phenanthrene	1.3	0.86	--	0.76	3.8	9.4	570
Dioxins/Furans							
Total TEQs (WHO TEFs)	3.30E-05	3.10E-05	--	1.80E-05	2.50E-04	7.00E-05	3.90E-06
Inorganics							
Arsenic	4.60	4.10	--	8.50	31.0	6.60	6.50
Copper	48.0	19.0	--	160	590	54.0	46.0
Lead	130	31.0	401	170	400	160	110
Sulfide	9.40	38.0	--	15.0	880	42.0	14.0

Sample ID: Sample Depth(Feet): Date Collected:	SLB-9BB 0-0.5 10/11/95	SLB-9TB 0-0.5 10/11/95	RA-3-SB-15-E 0-1 10/11/05	RA-3-SB-15-EE 0-1 06/02/06	RA-3-SB-15-W 0-1 10/11/05	RA-4-SB-3 0-1 06/11/03	COMP-RA-3-SB-15 / SLB-9 0-1 (See Note 2)
Semivolatile Organics							
3-Methylcholanthrene	2.1	2.0	2.3	3.7	2.1	0.37	1.8
Acetophenone	1.7	2.0	2.3	0.75	2.1	0.19	1.3
Benzo(a)anthracene	8.0	14	56	21	1.5	4.5	42
Benzo(a)pyrene	7.2	16	40	23	1.2	3.8	33
Benzo(b)fluoranthene	9.3	17	32	32	1.4	4.4	37
Benzo(g,h,i)perylene	1.1	3.6	18	13	0.83	3.0	18
Benzo(k)fluoranthene	6.9	11	38	9.5	1.5	1.8	19
Chrysene	8.7	17	57	22	1.9	4.3	40
Dibenzo(a,h)anthracene	2.1	2.0	4.9	3.2	2.05	0.80	7.3
Indeno(1,2,3-cd)pyrene	3.2	4.7	18	15	0.51	2.5	17
Naphthalene	4.5	0.92	12	2.0	2.1	0.50	22
Phenanthrene	11	18	83	37	1.6	5.8	104
Dioxins/Furans							
Total TEQs (WHO TEFs)	2.50E-04	--	--	--	--	(See Note 1)	--
Inorganics							
Arsenic	5.30	--	--	--	--	(See Note 1)	--
Copper	218	--	--	--	--	(See Note 1)	--
Lead	294	--	--	--	--	(See Note 1)	--
Sulfide	1,360	--	--	--	--	(See Note 1)	--

See Notes on Page 4

**TABLE E-133A
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 0- TO 3-FOOT DEPTH INCREMENT**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	SL-BH001466 0-1 04/09/08	SL-BH001467 0-1 04/09/08	SL-BH001473 0-1 04/09/08	RA-3-SB-1 1-3 06/10/03	RA-3-SB-1-E 1-3 10/11/05	RA-2-SB-11 1-3 06/10/03	COMP-RA-3-SB-1 1-3 (See Note 4)
Semivolatile Organics							
3-Methylcholanthrene	3.0	1.3	2.8	2.6	0.40	0.37	1.1
Acetophenone	--	--	--	2.6	0.20	0.18	1.0
Benzo(a)anthracene	4.0	3.4	6.9	4.4	0.13	0.18	1.6
Benzo(a)pyrene	4.2	3.2	9.6	5.6	0.13	0.18	2.0
Benzo(b)fluoranthene	5.4	4.4	9.4	8.4	0.12	0.18	2.9
Benzo(g,h,i)perylene	3.6	2.6	10	5.5	0.081	0.18	1.9
Benzo(k)fluoranthene	1.9	1.4	3.5	3.2	0.12	0.18	1.2
Chrysene	4.8	3.8	6.9	4.8	0.17	0.091	1.7
Dibenzo(a,h)anthracene	1.0	0.86	3.1	2.6	0.20	0.18	1.0
Indeno(1,2,3-cd)pyrene	3.3	2.5	7.5	4.4	0.51	0.18	1.7
Naphthalene	0.60	0.20	0.90	2.6	0.20	0.18	1.0
Phenanthrene	4.0	3.9	5.0	2.1	0.16	0.18	0.8
Dioxins/Furans							
Total TEQs (WHO TEFs)	--	--	--	1.00E-03	--	(See Note 3)	--
Inorganics							
Arsenic	12.0	15.1	13.9	8.50	--	(See Note 3)	--
Copper	186	183	4,990	370	--	(See Note 3)	--
Lead	304	434	449	580	--	(See Note 3)	--
Sulfide	--	--	--	200	--	(See Note 3)	--

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-3 1-3 05/04/07	RA-3-SB-4 1-3 06/10/03	RA-3-SB-8 1-3 06/11/03	RA-3-SB-8-S 1-3 05/01/07	RA-3-SB-9 1-3 06/11/03	RA-3-SB-9-E 1-3 10/10/05
Semivolatile Organics						
3-Methylcholanthrene	--	0.37	0.39	--	0.47	--
Acetophenone	--	0.19	0.20	--	0.30	--
Benzo(a)anthracene	--	0.15	0.20	--	2.4	--
Benzo(a)pyrene	--	0.15	0.20	--	2.6	--
Benzo(b)fluoranthene	--	0.20	0.20	--	4.1	--
Benzo(g,h,i)perylene	--	0.19	0.20	--	2.0	--
Benzo(k)fluoranthene	--	0.19	0.20	--	1.6	--
Chrysene	--	0.19	0.20	--	3.7	--
Dibenzo(a,h)anthracene	--	0.19	0.20	--	0.30	--
Indeno(1,2,3-cd)pyrene	--	0.19	0.20	--	1.7	--
Naphthalene	--	0.19	0.20	--	0.62	--
Phenanthrene	--	0.14	0.20	--	0.30	--
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	7.40E-06	1.20E-05	--	2.00E-03	2.30E-06
Inorganics						
Arsenic	--	8.90	8.40	--	10.0	--
Copper	--	120	150	--	130	--
Lead	412	92.0	160	1,050	380	--
Sulfide	--	14.0	2.90	--	1,300	--

See Notes on Page 4

**TABLE E-133A
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 0- TO 3-FOOT DEPTH INCREMENT**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-11 1-3 06/11/03	RA-3-SB-15 1-3 06/11/03	RA-3-SB-15-E 1-3 10/11/05	RA-3-SB-15-EE 1-3 06/02/06	RA-4-SB-3 1-3 06/11/03	RA-3-SB-15-W 1-3 10/11/05
Semivolatile Organics						
3-Methylcholanthrene	0.37	0.37	2.0	3.5	0.39	1.9
Acetophenone	0.19	0.18	2.0	0.70	0.22	1.9
Benzo(a)anthracene	19	150	78	19	1.7	47
Benzo(a)pyrene	3.9	120	46	22	1.6	28
Benzo(b)fluoranthene	19	92	36	28	2.2	24
Benzo(g,h,i)perylene	9.7	79	18	9.2	1.2	10
Benzo(k)fluoranthene	7.0	59	41	8.7	0.79	29
Chrysene	19	140	69	17	2.0	42
Dibenzo(a,h)anthracene	0.89	23	5.3	3.1	0.22	4.8
Indeno(1,2,3-cd)pyrene	8.7	64	18	12	1.1	11
Naphthalene	2.1	160	0.99	2.4	0.13	40
Phenanthrene	32	470	69	34	1.8	120
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.60E-05	1.90E-06	--	--	(See Note 1)	--
Inorganics						
Arsenic	9.05	8.10	--	--	(See Note 1)	--
Copper	94.5	32.0	--	--	(See Note 1)	--
Lead	123	76.0	--	--	(See Note 1)	--
Sulfide	5.85	63.0	--	--	(See Note 1)	--

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-15-WW 1-3 06/02/06	RA-3-SB-15-WWW 1-3 06/02/06	SL-BH001473 1-3 04/09/08	COMP-RA-3-SB-15 1-3 (See Note 5)	SL-BH001466 1-3 04/09/08	SL-BH001467 1-3 04/09/08
Semivolatile Organics						
3-Methylcholanthrene	36	1.7	4.1	6.2	2.6	4.3
Acetophenone	9.0	0.35	--	2.1	--	--
Benzo(a)anthracene	180	12	7.1	62	0.67	4.9
Benzo(a)pyrene	140	13	9.2	47	0.62	4.1
Benzo(b)fluoranthene	140	15	8.2	43	1.5	5.7
Benzo(g,h,i)perylene	63	5.8	7.3	24	0.63	3.2
Benzo(k)fluoranthene	55	4.8	2.8	25	0.33	2.2
Chrysene	150	11	5.9	55	0.73	4.4
Dibenzo(a,h)anthracene	21	2.0	3.0	7.8	0.50	0.73
Indeno(1,2,3-cd)pyrene	79	7.4	6.6	25	0.87	3.4
Naphthalene	120	1.5	0.42	41	0.50	0.85
Phenanthrene	780	22	5.6	188	0.59	5.1
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	--	--	--	--
Inorganics						
Arsenic	--	--	8.90	--	12.3	14.9
Copper	--	--	104	--	78.3	132
Lead	--	--	150	--	439	236
Sulfide	--	--	--	--	--	--

See Notes on Page 4

TABLE E-133A
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 0- TO 3-FOOT DEPTH INCREMENT

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 8)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 9)	Constituent Exceeds Comparison Criteria? (See Note 10)
Semivolatile Organics				
3-Methylcholanthrene	N/A (See Note 10)	1.6	Not Listed	Yes
Acetophenone	N/A (See Note 10)	0.54	Not Listed	Yes
Benzo(a)anthracene	N/A (See Note 10)	9.5	7	Yes
Benzo(a)pyrene	N/A (See Note 10)	7.3	2	Yes
Benzo(b)fluoranthene	N/A (See Note 10)	8.8	7	Yes
Benzo(g,h,i)perylene	N/A (See Note 10)	5.1	1,000	No
Benzo(k)fluoranthene	N/A (See Note 10)	4.1	70	No
Chrysene	N/A (See Note 10)	9.3	70	No
Dibenzo(a,h)anthracene	N/A (See Note 10)	1.5	0.7	Yes
Indeno(1,2,3-cd)pyrene	N/A (See Note 10)	4.8	7	No
Naphthalene	N/A (See Note 10)	4.2	40	No
Phenanthrene	N/A (See Note 10)	21.2	500	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	2.00E-03	N/A (See Note 10)	1.00E-03	Yes
Inorganics				
Arsenic	N/A (See Note 10)	10.4	20	No
Copper	N/A (See Note 10)	406	770**	No
Lead	N/A (See Note 10)	299	300	No
Sulfide	N/A (See Note 10)	303	633*	No

- Notes:**
- The SVOC results presented for RA-4-SB-3 (0-1') are used to delineate sample location RA-3-SB-15-E to the east. The Total TEQs and inorganic results are not presented herein as these results are included in the evaluation of Recreational Area 4.
 - The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): RA-3-SB-15-E (0-1'; 10/11/05), RA-3-SB-15-W (0-1'; 10/11/05), SLB-9BB (0-0.5'; 10/11/95), SLB-9TB (0-0.5'; 10/11/05), RA-3-SB-15 (0-1'; 6/11/03), RA-4-SB-3 (0-1'; 6/11/03), and RA-3-SB-15-EE (0-1'; 6/1/06).
 - The SVOC results presented for RA-2-SB-11 (1-3') and RA-4-SB-3 (1-3') are used to delineate sample RA-3-SB-1 (1-3') to the west and RA-3-SB-15 to the east, respectively. The Total TEQs and inorganic results are not presented herein as these results are included in the evaluation of Recreational Area 2.
 - The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): RA-3-SB-1-E (1-3'; 10/11/05), RA-2-SB-11 (1-3'; 6/10/03), and RA-3-SB-1 (1-3'; 6/10/03).
 - The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): RA-3-SB-15-E (1-3'; 10/11/05), RA-3-SB-15-EE (1-3'; 6/2/06), RA-3-SB-15-W (1-3'; 10/11/05), RA-3-SB-15-WW (1-3'; 6/2/06), RA-3-SB-15-WWW (1-3'; 6/2/06), RA-4-SB-3 (1-3'; 6/11/03), RA-3-SB-15 (1-3'; 6/11/03), and SL-BH001473 (1-3'; 4/9/08).
 - Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
 - With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
 - Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
 - The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
 - Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
 - Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
 - * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
 - ** = No MCP Method 1 standard exists for copper, but an MCP Method 2 soil standard (Category S-1/GW-3) has been derived for copper using the procedure in 310 CMR 40.0984, as described in Attachment A of a letter submitted by GE on April 11, 2001 to MDEP (copied to EPA) regarding *Revised Evaluation of Appendix IX+3 Constituents, Revised Soil Removal Limits, and Proposed Groundwater Investigation for the following Parcels: I9-9-26, I9-9-27, I9-9-28, and I9-9-29.* This derived soil standard is 770 ppm.
 - = Not analyzed.

**TABLE E-134
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 1- TO 3-FOOT DEPTH INCREMENT**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-1 1-3 06/10/03	RA-3-SB-1-E 1-3 10/11/05	RA-2-SB-11 1-3 06/10/03	COMP-RA-3-SB-1 1-3 (See Note 2)	RA-3-SB-3 1-3 05/04/07	RA-3-SB-4 1-3 06/10/03	RA-3-SB-8 1-3 06/11/03
Semivolatile Organics							
3-Methylcholanthrene	2.6	0.40	0.37	1.1	--	0.37	0.39
Acetophenone	2.6	0.20	0.18	1.0	--	0.19	0.20
Benzo(a)anthracene	4.4	0.13	0.18	1.6	--	0.15	0.20
Benzo(a)pyrene	5.6	0.13	0.18	2.0	--	0.15	0.20
Benzo(b)fluoranthene	8.4	0.12	0.18	2.9	--	0.20	0.20
Benzo(g,h,i)perylene	5.5	0.081	0.18	1.9	--	0.19	0.20
Benzo(k)fluoranthene	3.2	0.12	0.18	1.2	--	0.19	0.20
Chrysene	4.8	0.17	0.091	1.7	--	0.19	0.20
Dibenzo(a,h)anthracene	2.6	0.20	0.18	1.0	--	0.19	0.20
Indeno(1,2,3-cd)pyrene	4.4	0.51	0.18	1.7	--	0.19	0.20
Naphthalene	2.6	0.20	0.18	1.0	--	0.19	0.20
Phenanthrene	2.1	0.16	0.18	0.8	--	0.14	0.20
Dioxins/Furans							
Total TEQs (WHO TEFs)	1.00E-03	--	(See Note 1)	--	--	7.40E-06	1.20E-05
Inorganics							
Arsenic	8.50	--	(See Note 1)	--	--	8.90	8.40
Copper	370	--	(See Note 1)	--	--	120	150
Lead	580	--	(See Note 1)	--	412	92.0	160
Sulfide	200	--	(See Note 1)	--	--	14.0	2.90

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-8-S 1-3 05/01/07	RA-3-SB-9 1-3 06/11/03	RA-3-SB-9-E 1-3 10/10/05	RA-3-SB-11 1-3 06/11/03	RA-3-SB-15 1-3 06/11/03	RA-3-SB-15-E 1-3 10/11/05	RA-3-SB-15-EE 1-3 06/02/06
Semivolatile Organics							
3-Methylcholanthrene	--	0.47	--	0.37	0.37	2.0	3.5
Acetophenone	--	0.30	--	0.19	0.18	2.0	0.70
Benzo(a)anthracene	--	2.4	--	19	150	78	19
Benzo(a)pyrene	--	2.6	--	3.9	120	46	22
Benzo(b)fluoranthene	--	4.1	--	19	92	36	28
Benzo(g,h,i)perylene	--	2.0	--	9.7	79	18	9.2
Benzo(k)fluoranthene	--	1.6	--	7.0	59	41	8.7
Chrysene	--	3.7	--	19	140	69	17
Dibenzo(a,h)anthracene	--	0.30	--	0.89	23	5.3	3.1
Indeno(1,2,3-cd)pyrene	--	1.7	--	8.7	64	18	12
Naphthalene	--	0.62	--	2.1	160	0.99	2.4
Phenanthrene	--	0.30	--	32	470	69	34
Dioxins/Furans							
Total TEQs (WHO TEFs)	--	2.00E-03	2.30E-06	1.60E-05	1.90E-06	--	--
Inorganics							
Arsenic	--	10.0	--	9.05	8.10	--	--
Copper	--	130	--	94.5	32.0	--	--
Lead	1,050	380	--	123	76.0	--	--
Sulfide	--	1,300	--	5.85	63.0	--	--

See Notes on Page 3

TABLE E-134
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 1- TO 3-FOOT DEPTH INCREMENT

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	RA-4-SB-3 1-3 06/11/03	RA-3-SB-15-W 1-3 10/11/05	RA-3-SB-15-WW 1-3 06/02/06	RA-3-SB-15-WWW 1-3 06/02/06	SL-BH001473 1-3 04/09/08	COMP-RA-3-SB-15 1-3 (See Note 3)
Semivolatile Organics						
3-Methylcholanthrene	0.39	1.9	36	1.7	4.1	6.2
Acetophenone	0.22	1.9	9.0	0.35	--	2.1
Benzo(a)anthracene	1.7	47	180	12	7.1	62
Benzo(a)pyrene	1.6	28	140	13	9.2	47
Benzo(b)fluoranthene	2.2	24	140	15	8.2	43
Benzo(g,h,i)perylene	1.2	10	63	5.8	7.3	24
Benzo(k)fluoranthene	0.79	29	55	4.8	2.8	25
Chrysene	2.0	42	150	11	5.9	55
Dibenzo(a,h)anthracene	0.22	4.8	21	2.0	3.0	7.8
Indeno(1,2,3-cd)pyrene	1.1	11	79	7.4	6.6	25
Naphthalene	0.13	40	120	1.5	0.42	41
Phenanthrene	1.8	120	780	22	5.6	188
Dioxins/Furans						
Total TEQs (WHO TEFs)	(See Note 1)	--	--	--	--	--
Inorganics						
Arsenic	(See Note 1)	--	--	--	8.90	--
Copper	(See Note 1)	--	--	--	104	--
Lead	(See Note 1)	--	--	--	150	--
Sulfide	(See Note 1)	--	--	--	--	--

Sample ID: Sample Depth(Feet): Date Collected:	SL-BH001466 1-3 04/09/08	SL-BH001467 1-3 04/09/08	Maximum Sample Result	Arithmetic Average Concentration (See Note 6)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 7)	Constituent Exceeds Comparison Criteria? (See Note 8)
Semivolatile Organics						
3-Methylcholanthrene	2.6	4.3	N/A (See Note 8)	2.0	Not Listed	Yes
Acetophenone	--	--	N/A (See Note 8)	0.65	Not Listed	Yes
Benzo(a)anthracene	0.67	4.9	N/A (See Note 8)	11	7	Yes
Benzo(a)pyrene	0.62	4.1	N/A (See Note 8)	7.6	2	Yes
Benzo(b)fluoranthene	1.5	5.7	N/A (See Note 8)	10	7	Yes
Benzo(g,h,i)perylene	0.63	3.2	N/A (See Note 8)	5.3	1,000	No
Benzo(k)fluoranthene	0.33	2.2	N/A (See Note 8)	4.7	70	No
Chrysene	0.73	4.4	N/A (See Note 8)	11	70	No
Dibenzo(a,h)anthracene	0.50	0.73	N/A (See Note 8)	1.5	0.7	Yes
Indeno(1,2,3-cd)pyrene	0.87	3.4	N/A (See Note 8)	5.2	7	No
Naphthalene	0.50	0.85	N/A (See Note 8)	5.8	40	No
Phenanthrene	0.59	5.1	N/A (See Note 8)	28	500	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	2.00E-03	N/A (See Note 8)	1.00E-03	Yes
Inorganics						
Arsenic	12.3	14.9	N/A (See Note 8)	9.89	20	No
Copper	78.3	132	N/A (See Note 8)	135	770**	No
Lead	439	236	N/A (See Note 8)	336	300	Yes
Sulfide	--	--	N/A (See Note 8)	264	633*	No

See Notes on Page 3

TABLE E-134
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 1- TO 3-FOOT DEPTH INCREMENT

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. The SVOC results presented for RA-2-SB-11 (1-3') and RA-4-SB-3 (1-3') are used to delineate sample RA-3-SB-1 (1-3') to the west and RA-3-SB-15 to the east, respectively. The Total TEQs and inorganic results are not presented herein as these results are included in the evaluation of Recreational Area 2.
2. The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): RA-3-SB-1-E (1-3'; 10/11/05), RA-2-SB-11 (1-3'; 6/10/03), and RA-3-SB-1 (1-3'; 6/10/03).
3. The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): RA-3-SB-15-E (1-3'; 10/11/05), RA-3-SB-15-EE (1-3'; 6/2/06), RA-3-SB-15-W (1-3'; 10/11/05), RA-3-SB-15-WW (1-3'; 6/2/06), RA-3-SB-15-WWW (1-3'; 6/2/06), RA-4-SB-3 (1-3'; 6/11/03), RA-3-SB-15 (1-3'; 6/11/03), and SL-BH001473 (1-3'; 4/9/08).
4. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
5. With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
6. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
7. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
8. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
9. Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
10. * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
11. ** = No MCP Method 1 standard exists for copper, but an MCP Method 2 soil standard (Category S-1/GW-3) has been derived for copper using the procedure in 310 CMR 40.0984, as described in Attachment A of a letter submitted by GE on April 11, 2001 to MDEP (copied to EPA) regarding *Revised Evaluation of Appendix IX+3 Constituents, Revised Soil Removal Limits, and Proposed Groundwater Investigation for the following Parcels: 19-9-26, 19-9-27, 19-9-28, and 19-9-29.*
This derived soil standard is 770 ppm.
12. -- = Not analyzed.

**TABLE E-135
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 0- TO 1-FOOT DEPTH INCREMENT**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-1 0-1 06/10/03	RA-3-SB-4 0-1 06/10/03	RA-3-SB-6-S 0-1 05/01/07	RA-3-SB-8 0-1 06/11/03	RA-3-SB-9 0-1 06/11/03	RA-3-SB-11 0-1 06/11/03
Semivolatile Organics						
3-Methylcholanthrene	0.49	0.38	--	0.39	0.70	0.41
Acetophenone	0.25	0.19	--	0.20	0.34	0.24
Benzo(a)anthracene	1.4	1.5	--	0.62	3.6	7.4
Benzo(a)pyrene	1.5	1.6	--	0.57	3.0	6.1
Benzo(b)fluoranthene	1.9	2.0	--	0.78	4.3	7.8
Benzo(g,h,i)perylene	1.6	1.4	--	0.53	2.6	4.3
Benzo(k)fluoranthene	0.72	0.73	--	0.25	1.6	2.9
Chrysene	1.5	1.6	--	0.70	5.5	8.0
Dibenzo(a,h)anthracene	0.40	0.40	--	0.20	0.39	1.1
Indeno(1,2,3-cd)pyrene	1.2	1.1	--	0.40	2.1	3.7
Naphthalene	0.25	0.19	--	0.20	0.74	0.90
Phenanthrene	1.3	0.86	--	0.76	3.8	9.4
Dioxins/Furans						
Total TEQs (WHO TEFs)	3.30E-05	3.10E-05	--	1.80E-05	2.50E-04	7.00E-05
Inorganics						
Arsenic	4.60	4.10	--	8.50	31.0	6.60
Copper	48.0	19.0	--	160	590	54.0
Lead	130	31.0	401	170	400	160
Sulfide	9.40	38.0	--	15.0	880	42.0

Sample ID: Sample Depth(Feet): Date Collected:	SLB-9BB 0-0.5 10/11/95	SLB-9TB 0-0.5 10/11/95	RA-3-SB-15 0-1 06/11/03	RA-3-SB-15-E 0-1 10/11/05	RA-3-SB-15-EE 0-1 06/02/06	RA-3-SB-15-W 0-1 10/11/05
Semivolatile Organics						
3-Methylcholanthrene	0.198	0.198	0.198	0.198	0.198	2.1
Acetophenone	0.192	0.192	0.192	0.192	0.192	2.1
Benzo(a)anthracene	0.198	0.198	0.198	0.198	0.198	1.5
Benzo(a)pyrene	0.198	0.198	0.198	0.198	0.198	1.2
Benzo(b)fluoranthene	0.198	0.198	0.198	0.198	0.198	1.4
Benzo(g,h,i)perylene	0.198	0.198	0.198	0.198	0.198	0.83
Benzo(k)fluoranthene	0.198	0.198	0.198	0.198	0.198	1.5
Chrysene	0.198	0.198	0.198	0.198	0.198	1.9
Dibenzo(a,h)anthracene	0.256	0.256	0.256	0.256	0.256	2.05
Indeno(1,2,3-cd)pyrene	0.256	0.256	0.256	0.256	0.256	0.51
Naphthalene	0.198	0.198	0.198	0.198	0.198	2.1
Phenanthrene	0.198	0.198	0.198	0.198	0.198	1.6
Dioxins/Furans						
Total TEQs (WHO TEFs)	2.50E-04	--	3.90E-06	--	--	--
Inorganics						
Arsenic	5.30	--	6.50	--	--	--
Copper	218	--	46.0	--	--	--
Lead	294	--	110	--	--	--
Sulfide	1,360	--	14.0	--	--	--

See Notes on Page 3

**TABLE E-135
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 0- TO 1-FOOT DEPTH INCREMENT**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	RA-4-SB-3 0-1 06/11/03	COMP-RA-3-SB-15 / SLB-9 0-1 (See Note 2)	SL-BH001466 0-1 04/09/08	SL-BH001467 0-1 04/09/08	SL-BH001473 0-1 04/09/08
Semivolatile Organics					
3-Methylcholanthrene	0.37	0.49	3.0	1.3	0.198
Acetophenone	0.19	0.46	--	--	0.192
Benzo(a)anthracene	4.5	1.0	4.0	3.4	0.198
Benzo(a)pyrene	3.8	0.86	4.2	3.2	0.198
Benzo(b)fluoranthene	4.4	0.97	5.4	4.4	0.198
Benzo(g,h,i)perylene	3.0	0.69	3.6	2.6	0.198
Benzo(k)fluoranthene	1.8	0.61	1.9	1.4	0.198
Chrysene	4.3	1.0	4.8	3.8	0.198
Dibenzo(a,h)anthracene	0.80	0.59	1.0	0.86	0.256
Indeno(1,2,3-cd)pyrene	2.5	0.61	3.3	2.5	0.256
Naphthalene	0.50	0.51	0.60	0.20	0.198
Phenanthrene	5.8	1.2	4.0	3.9	0.198
Dioxins/Furans					
Total TEQs (WHO TEFs)	(See Note 1)	--	--	--	--
Inorganics					
Arsenic	(See Note 1)	--	12.0	15.1	13.9
Copper	(See Note 1)	--	186	183	4,990
Lead	(See Note 1)	--	304	434	6.24
Sulfide	(See Note 1)	--	--	--	--

Sample ID: Sample Depth(Feet): Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatile Organics				
3-Methylcholanthrene	N/A (See Note 7)	0.8	Not Listed	Yes
Acetophenone	N/A (See Note 7)	0.3	Not Listed	Yes
Benzo(a)anthracene	N/A (See Note 7)	2.6	7	No
Benzo(a)pyrene	N/A (See Note 7)	2.4	2	Yes
Benzo(b)fluoranthene	N/A (See Note 7)	3.1	7	No
Benzo(g,h,i)perylene	N/A (See Note 7)	1.9	1,000	No
Benzo(k)fluoranthene	N/A (See Note 7)	1.1	70	No
Chrysene	N/A (See Note 7)	3.0	70	No
Dibenzo(a,h)anthracene	N/A (See Note 7)	0.6	0.7	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 7)	1.7	7	No
Naphthalene	N/A (See Note 7)	0.4	40	No
Phenanthrene	N/A (See Note 7)	3	500	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	2.50E-04	N/A (See Note 7)	1.00E-03	No
Inorganics				
Arsenic	N/A (See Note 7)	8.8	20	No
Copper	N/A (See Note 7)	731	770**	No
Lead	N/A (See Note 7)	209	300	No
Sulfide	N/A (See Note 7)	287	633*	No

See Notes on Page 3

**TABLE E-135
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 0- TO 1-FOOT DEPTH INCREMENT**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Notes:

1. The SVOC results presented for RA-4-SB-3 (0-1') are used to delineate sample location RA-3-SB-15-E to the east. The Total TEQs and inorganic results are not presented herein as these results are included in the evaluation of Recreational Area 4.
2. The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): RA-3-SB-15-E (0-1'; 10/11/05), RA-3-SB-15-W (0-1'; 10/11/05), SLB-9BB (0-0.5'; 10/11/95), SLB-9TB (0-0.5'; 10/11/05), RA-3-SB-15 (0-1'; 6/11/03), RA-4-SB-3 (0-1'; 6/11/03), and RA-3-SB-15-EE (0-1'; 6/1/06).
3. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
4. With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
5. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
6. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
7. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
8. * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
9. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.
10. ** = No MCP Method 1 standard exists for copper, but an MCP Method 2 soil standard (Category S-1/GW-3) has been derived for copper using the procedure in 310 CMR 40.0984, as described in Attachment A of a letter submitted by GE on April 11, 2001 to MDEP (copied to EPA) regarding *Revised Evaluation of Appendix IX+3 Constituents, Revised Soil Removal Limits, and Proposed Groundwater Investigation for the following Parcels: I9-9-26, I9-9-27, I9-9-28, and I9-9-29.*
This derived soil standard is 770 ppm.
11. -- = Not analyzed.

TABLE E-135A
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 0- TO 3-FOOT DEPTH INCREMENT

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-1 0-1 06/10/03	RA-3-SB-4 0-1 06/10/03	RA-3-SB-6-S 0-1 05/01/07	RA-3-SB-8 0-1 06/11/03	RA-3-SB-9 0-1 06/11/03	RA-3-SB-11 0-1 06/11/03	RA-3-SB-15 0-1 06/11/03
Semivolatile Organics							
3-Methylcholanthrene	0.49	0.38	--	0.39	0.70	0.41	0.198
Acetophenone	0.25	0.19	--	0.20	0.34	0.24	0.192
Benzo(a)anthracene	1.4	1.5	--	0.62	3.6	7.4	0.198
Benzo(a)pyrene	1.5	1.6	--	0.57	3.0	6.1	0.198
Benzo(b)fluoranthene	1.9	2.0	--	0.78	4.3	7.8	0.198
Benzo(g,h,i)perylene	1.6	1.4	--	0.53	2.6	4.3	0.198
Benzo(k)fluoranthene	0.72	0.73	--	0.25	1.6	2.9	0.198
Chrysene	1.5	1.6	--	0.70	5.5	8.0	0.198
Dibenzo(a,h)anthracene	0.40	0.40	--	0.20	0.39	1.1	0.256
Indeno(1,2,3-cd)pyrene	1.2	1.1	--	0.40	2.1	3.7	0.256
Naphthalene	0.25	0.19	--	0.20	0.74	0.90	0.198
Phenanthrene	1.3	0.86	--	0.76	3.8	9.4	0.198
Dioxins/Furans							
Total TEQs (WHO TEFs)	3.30E-05	3.10E-05	--	1.80E-05	2.50E-04	7.00E-05	3.90E-06
Inorganics							
Arsenic	4.60	4.10	--	8.50	31.0	6.60	6.50
Copper	48.0	19.0	--	160	590	54.0	46.0
Lead	130	31.0	401	170	400	160	110
Sulfide	9.40	38.0	--	15.0	880	42.0	14.0

Sample ID: Sample Depth(Feet): Date Collected:	SLB-9BB 0-0.5 10/11/95	SLB-9TB 0-0.5 10/11/95	RA-3-SB-15-E 0-1 10/11/05	RA-3-SB-15-EE 0-1 06/02/06	RA-3-SB-15-W 0-1 10/11/05	RA-4-SB-3 0-1 06/11/03	COMP-RA-3-SB-15 / SLB-9 0-1 (See Note 2)
Semivolatile Organics							
3-Methylcholanthrene	0.198	0.198	0.198	0.198	2.1	0.37	0.5
Acetophenone	0.192	0.192	0.192	0.192	2.1	0.19	0.5
Benzo(a)anthracene	0.198	0.198	0.198	0.198	1.5	4.5	1.0
Benzo(a)pyrene	0.198	0.198	0.198	0.198	1.2	3.8	0.9
Benzo(b)fluoranthene	0.198	0.198	0.198	0.198	1.4	4.4	1.0
Benzo(g,h,i)perylene	0.198	0.198	0.198	0.198	0.83	3.0	0.7
Benzo(k)fluoranthene	0.198	0.198	0.198	0.198	1.5	1.8	0.6
Chrysene	0.198	0.198	0.198	0.198	1.9	4.3	1.0
Dibenzo(a,h)anthracene	0.256	0.256	0.256	0.256	2.05	0.80	0.6
Indeno(1,2,3-cd)pyrene	0.256	0.256	0.256	0.256	0.51	2.5	0.6
Naphthalene	0.198	0.198	0.198	0.198	2.1	0.50	0.5
Phenanthrene	0.198	0.198	0.198	0.198	1.6	5.8	1.2
Dioxins/Furans							
Total TEQs (WHO TEFs)	2.50E-04	--	--	--	--	(See Note 1)	--
Inorganics							
Arsenic	5.30	--	--	--	--	(See Note 1)	--
Copper	218	--	--	--	--	(See Note 1)	--
Lead	294	--	--	--	--	(See Note 1)	--
Sulfide	1,360	--	--	--	--	(See Note 1)	--

See Notes on Page 4

TABLE E-135A
 POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
 RECREATIONAL AREA 3 (RA-3): 0- TO 3-FOOT DEPTH INCREMENT

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	SL-BH001466 0-1 04/09/08	SL-BH001467 0-1 04/09/08	SL-BH001473 0-1 04/09/08	RA-3-SB-1 1-3 06/10/03	RA-3-SB-1-E 1-3 10/11/05	RA-2-SB-11 1-3 06/10/03	COMP-RA-3-SB-1 1-3 (See Note 4)
Semivolatile Organics							
3-Methylcholanthrene	3.0	1.3	0.198	0.198	0.40	0.37	0.3
Acetophenone	--	--	0.192	0.192	0.20	0.18	0.2
Benzo(a)anthracene	4.0	3.4	0.198	0.198	0.13	0.18	0.2
Benzo(a)pyrene	4.2	3.2	0.198	0.198	0.13	0.18	0.2
Benzo(b)fluoranthene	5.4	4.4	0.198	0.198	0.12	0.18	0.2
Benzo(g,h,i)perylene	3.6	2.6	0.198	0.198	0.081	0.18	0.2
Benzo(k)fluoranthene	1.9	1.4	0.198	0.198	0.12	0.18	0.2
Chrysene	4.8	3.8	0.198	0.198	0.17	0.091	0.2
Dibenzo(a,h)anthracene	1.0	0.86	0.256	0.256	0.20	0.18	0.2
Indeno(1,2,3-cd)pyrene	3.3	2.5	0.256	0.256	0.51	0.18	0.3
Naphthalene	0.60	0.20	0.198	0.198	0.20	0.18	0.2
Phenanthrene	4.0	3.9	0.198	0.198	0.16	0.18	0.2
Dioxins/Furans							
Total TEQs (WHO TEFs)	--	--	--	1.00E-03	--	(See Note 3)	--
Inorganics							
Arsenic	12.0	15.1	13.9	8.50	--	(See Note 3)	--
Copper	186	183	4,990	370	--	(See Note 3)	--
Lead	304	434	6.24	580	--	(See Note 3)	--
Sulfide	--	--	--	200	--	(See Note 3)	--

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-3 1-3 05/04/07	RA-3-SB-4 1-3 06/10/03	RA-3-SB-8 1-3 06/11/03	RA-3-SB-8-S 1-3 05/01/07	RA-3-SB-9 1-3 06/11/03	RA-3-SB-9-E 1-3 10/10/05
Semivolatile Organics						
3-Methylcholanthrene	--	0.37	0.39	--	0.47	--
Acetophenone	--	0.19	0.20	--	0.30	--
Benzo(a)anthracene	--	0.15	0.20	--	2.4	--
Benzo(a)pyrene	--	0.15	0.20	--	2.6	--
Benzo(b)fluoranthene	--	0.20	0.20	--	4.1	--
Benzo(g,h,i)perylene	--	0.19	0.20	--	2.0	--
Benzo(k)fluoranthene	--	0.19	0.20	--	1.6	--
Chrysene	--	0.19	0.20	--	3.7	--
Dibenzo(a,h)anthracene	--	0.19	0.20	--	0.30	--
Indeno(1,2,3-cd)pyrene	--	0.19	0.20	--	1.7	--
Naphthalene	--	0.19	0.20	--	0.62	--
Phenanthrene	--	0.14	0.20	--	0.30	--
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	7.40E-06	1.20E-05	--	1.00E-06	2.30E-06
Inorganics						
Arsenic	--	8.90	8.40	--	10.0	--
Copper	--	120	150	--	130	--
Lead	412	92.0	160	1,050	380	--
Sulfide	--	14.0	2.90	--	1,300	--

See Notes on Page 4

TABLE E-135A
 POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
 RECREATIONAL AREA 3 (RA-3): 0- TO 3-FOOT DEPTH INCREMENT

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-11 1-3 06/11/03	RA-3-SB-15 1-3 06/11/03	RA-3-SB-15-E 1-3 10/11/05	RA-3-SB-15-EE 1-3 06/02/06	RA-4-SB-3 1-3 06/11/03	RA-3-SB-15-W 1-3 10/11/05
Semivolatile Organics						
3-Methylcholanthrene	0.37	0.198	0.198	0.198	0.39	0.198
Acetophenone	0.19	0.192	0.192	0.192	0.22	0.192
Benzo(a)anthracene	19	0.198	0.198	0.198	1.7	0.198
Benzo(a)pyrene	3.9	0.198	0.198	0.198	1.6	0.198
Benzo(b)fluoranthene	19	0.198	0.198	0.198	2.2	0.198
Benzo(g,h,i)perylene	9.7	0.198	0.198	0.198	1.2	0.198
Benzo(k)fluoranthene	7.0	0.198	0.198	0.198	0.79	0.198
Chrysene	19	0.198	0.198	0.198	2.0	0.198
Dibenzo(a,h)anthracene	0.89	0.256	0.256	0.256	0.22	0.256
Indeno(1,2,3-cd)pyrene	8.7	0.256	0.256	0.256	1.1	0.256
Naphthalene	2.1	0.198	0.198	0.198	0.13	0.198
Phenanthrene	32	0.198	0.198	0.198	1.8	0.198
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.60E-05	1.90E-06	--	--	(See Note 1)	--
Inorganics						
Arsenic	9.05	8.10	--	--	(See Note 1)	--
Copper	94.5	32.0	--	--	(See Note 1)	--
Lead	123	76.0	--	--	(See Note 1)	--
Sulfide	5.85	63.0	--	--	(See Note 1)	--

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-15-WW 1-3 06/02/06	RA-3-SB-15-WWW 1-3 06/02/06	SL-BH001473 1-3 04/09/08	COMP-RA-3-SB-15 1-3 (See Note 5)	SL-BH001466 1-3 04/09/08	SL-BH001467 1-3 04/09/08
Semivolatile Organics						
3-Methylcholanthrene	0.198	0.198	4.1	0.7	2.6	4.3
Acetophenone	0.192	0.192	--	0.2	--	--
Benzo(a)anthracene	0.198	0.198	7.1	1.2	0.67	4.9
Benzo(a)pyrene	0.198	0.198	9.2	1.5	0.62	4.1
Benzo(b)fluoranthene	0.198	0.198	8.2	1.4	1.5	5.7
Benzo(g,h,i)perylene	0.198	0.198	7.3	1.2	0.63	3.2
Benzo(k)fluoranthene	0.198	0.198	2.8	0.6	0.33	2.2
Chrysene	0.198	0.198	5.9	1.1	0.73	4.4
Dibenzo(a,h)anthracene	0.256	0.256	3.0	0.6	0.50	0.73
Indeno(1,2,3-cd)pyrene	0.256	0.256	6.6	1.2	0.87	3.4
Naphthalene	0.198	0.198	0.42	0.2	0.50	0.85
Phenanthrene	0.198	0.198	5.6	1.1	0.59	5.1
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	--	--	--	--
Inorganics						
Arsenic	--	--	8.90	--	12.3	14.9
Copper	--	--	104	--	78.3	132
Lead	--	--	150	--	439	236
Sulfide	--	--	--	--	--	--

See Notes on Page 4

TABLE E-135A
 POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
 RECREATIONAL AREA 3 (RA-3): 0- TO 3-FOOT DEPTH INCREMENT

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 8)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 9)	Constituent Exceeds Comparison Criteria? (See Note 10)
Semivolatile Organics				
3-Methylcholanthrene	N/A (See Note 10)	1.0	Not Listed	Yes
Acetophenone	N/A (See Note 10)	0.24	Not Listed	Yes
Benzo(a)anthracene	N/A (See Note 10)	3.1	7	No
Benzo(a)pyrene	N/A (See Note 10)	2.03	2	Yes
Benzo(b)fluoranthene	N/A (See Note 10)	3.5	7	No
Benzo(g,h,i)perylene	N/A (See Note 10)	2.0	1,000	No
Benzo(k)fluoranthene	N/A (See Note 10)	1.3	70	No
Chrysene	N/A (See Note 10)	3.3	70	No
Dibenzo(a,h)anthracene	N/A (See Note 10)	0.52	0.7	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 10)	1.9	7	No
Naphthalene	N/A (See Note 10)	0.51	40	No
Phenanthrene	N/A (See Note 10)	3.8	500	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	1.00E-03	N/A (See Note 10)	1.00E-03	No
Inorganics				
Arsenic	N/A (See Note 10)	10.4	20	No
Copper	N/A (See Note 10)	406	770**	No
Lead	N/A (See Note 10)	279	300	No
Sulfide	N/A (See Note 10)	303	633*	No

Notes:

- The SVOC results presented for RA-4-SB-3 (0-1') are used to delineate sample location RA-3-SB-15-E to the east. The Total TEQs and inorganic results are not presented herein as these results are included in the evaluation of Recreational Area 4.
- The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): RA-3-SB-15-E (0-1'; 10/11/05), RA-3-SB-15-W (0-1'; 10/11/05), SLB-9BB (0-0.5'; 10/11/95), SLB-9TB (0-0.5'; 10/11/05), RA-3-SB-15 (0-1'; 6/11/03), RA-4-SB-3 (0-1'; 6/11/03), and RA-3-SB-15-EE (0-1'; 6/1/06).
- The SVOC results presented for RA-2-SB-11 (1-3') and RA-4-SB-3 (1-3') are used to delineate sample RA-3-SB-1 (1-3') to the west and RA-3-SB-15 to the east, respectively. The Total TEQs and inorganic results are not presented herein as these results are included in the evaluation of Recreational Area 2.
- The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): RA-3-SB-1-E (1-3'; 10/11/05), RA-2-SB-11 (1-3'; 6/10/03), and RA-3-SB-1 (1-3'; 6/10/03).
- The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): RA-3-SB-15-E (1-3'; 10/11/05), RA-3-SB-15-EE (1-3'; 6/2/06), RA-3-SB-15-W (1-3'; 10/11/05), RA-3-SB-15-WW (1-3'; 6/2/06), RA-3-SB-15-WWW (1-3'; 6/2/06), RA-4-SB-3 (1-3'; 6/11/03), RA-3-SB-15 (1-3'; 6/11/03), and SL-BH001473 (1-3'; 4/9/08).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.
- ** = No MCP Method 1 standard exists for copper, but an MCP Method 2 soil standard (Category S-1/GW-3) has been derived for copper using the procedure in 310 CMR 40.0984, as described in Attachment A of a letter submitted by GE on April 11, 2001 to MDEP (copied to EPA) regarding *Revised Evaluation of Appendix IX+3 Constituents, Revised Soil Removal Limits, and Proposed Groundwater Investigation for the following Parcels: I9-9-26, I9-9-27, I9-9-28, and I9-9-29.*
This derived soil standard is 770 ppm.
- = Not analyzed.

**TABLE E-136
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 1- TO 3-FOOT DEPTH INCREMENT**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-1 1-3 06/10/03	RA-3-SB-1-E 1-3 10/11/05	RA-2-SB-11 1-3 06/10/03	COMP-RA-3-SB-1 1-3 (See Note 2)	RA-3-SB-3 1-3 05/04/07	RA-3-SB-4 1-3 06/10/03	RA-3-SB-8 1-3 06/11/03
Semivolatile Organics							
3-Methylcholanthrene	0.198	0.40	0.37	0.3	--	0.37	0.39
Acetophenone	0.192	0.20	0.18	0.2	--	0.19	0.20
Benzo(a)anthracene	0.198	0.13	0.18	0.2	--	0.15	0.20
Benzo(a)pyrene	0.198	0.13	0.18	0.2	--	0.15	0.20
Benzo(b)fluoranthene	0.198	0.12	0.18	0.2	--	0.20	0.20
Benzo(g,h,i)perylene	0.198	0.081	0.18	0.2	--	0.19	0.20
Benzo(k)fluoranthene	0.198	0.12	0.18	0.2	--	0.19	0.20
Chrysene	0.198	0.17	0.091	0.2	--	0.19	0.20
Dibenzo(a,h)anthracene	0.256	0.20	0.18	0.2	--	0.19	0.20
Indeno(1,2,3-cd)pyrene	0.256	0.51	0.18	0.3	--	0.19	0.20
Naphthalene	0.198	0.20	0.18	0.2	--	0.19	0.20
Phenanthrene	0.198	0.16	0.18	0.2	--	0.14	0.20
Dioxins/Furans							
Total TEQs (WHO TEFs)	1.00E-03	--	(See Note 1)	--	--	7.40E-06	1.20E-05
Inorganics							
Arsenic	8.50	--	(See Note 1)	--	--	8.90	8.40
Copper	370	--	(See Note 1)	--	--	120	150
Lead	580	--	(See Note 1)	--	412	92.0	160
Sulfide	200	--	(See Note 1)	--	--	14.0	2.90

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-8-S 1-3 05/01/07	RA-3-SB-9 1-3 06/11/03	RA-3-SB-9-E 1-3 10/10/05	RA-3-SB-11 1-3 06/11/03	RA-3-SB-15 1-3 06/11/03	RA-3-SB-15-E 1-3 10/11/05	RA-3-SB-15-EE 1-3 06/02/06
Semivolatile Organics							
3-Methylcholanthrene	--	0.47	--	0.37	0.198	0.198	0.198
Acetophenone	--	0.30	--	0.19	0.192	0.192	0.192
Benzo(a)anthracene	--	2.4	--	19	0.198	0.198	0.198
Benzo(a)pyrene	--	2.6	--	3.9	0.198	0.198	0.198
Benzo(b)fluoranthene	--	4.1	--	19	0.198	0.198	0.198
Benzo(g,h,i)perylene	--	2.0	--	9.7	0.198	0.198	0.198
Benzo(k)fluoranthene	--	1.6	--	7.0	0.198	0.198	0.198
Chrysene	--	3.7	--	19	0.198	0.198	0.198
Dibenzo(a,h)anthracene	--	0.30	--	0.89	0.256	0.256	0.256
Indeno(1,2,3-cd)pyrene	--	1.7	--	8.7	0.256	0.256	0.256
Naphthalene	--	0.62	--	2.1	0.198	0.198	0.198
Phenanthrene	--	0.30	--	32	0.198	0.198	0.198
Dioxins/Furans							
Total TEQs (WHO TEFs)	--	1.00E-06	2.30E-06	1.60E-05	1.90E-06	--	--
Inorganics							
Arsenic	--	10.0	--	9.05	8.10	--	--
Copper	--	130	--	94.5	32.0	--	--
Lead	1,050	380	--	123	76.0	--	--
Sulfide	--	1,300	--	5.85	63.0	--	--

See Notes on Page 3

**TABLE E-136
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 1- TO 3-FOOT DEPTH INCREMENT**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	RA-4-SB-3 1-3 06/11/03	RA-3-SB-15-W 1-3 10/11/05	RA-3-SB-15-WW 1-3 06/02/06	RA-3-SB-15-WWW 1-3 06/02/06	SL-BH001473 1-3 04/09/08	COMP-RA-3-SB-15 1-3 (See Note 3)
Semivolatile Organics						
3-Methylcholanthrene	0.39	0.198	0.198	0.198	4.1	0.7
Acetophenone	0.22	0.192	0.192	0.192	--	0.2
Benzo(a)anthracene	1.7	0.198	0.198	0.198	7.1	1.2
Benzo(a)pyrene	1.6	0.198	0.198	0.198	9.2	1.5
Benzo(b)fluoranthene	2.2	0.198	0.198	0.198	8.2	1.4
Benzo(g,h,i)perylene	1.2	0.198	0.198	0.198	7.3	1.2
Benzo(k)fluoranthene	0.79	0.198	0.198	0.198	2.8	0.6
Chrysene	2.0	0.198	0.198	0.198	5.9	1.1
Dibenzo(a,h)anthracene	0.22	0.256	0.256	0.256	3.0	0.6
Indeno(1,2,3-cd)pyrene	1.1	0.256	0.256	0.256	6.6	1.2
Naphthalene	0.13	0.198	0.198	0.198	0.42	0.2
Phenanthrene	1.8	0.198	0.198	0.198	5.6	1.1
Dioxins/Furans						
Total TEQs (WHO TEFs)	(See Note 1)	--	--	--	--	--
Inorganics						
Arsenic	(See Note 1)	--	--	--	8.90	--
Copper	(See Note 1)	--	--	--	104	--
Lead	(See Note 1)	--	--	--	150	--
Sulfide	(See Note 1)	--	--	--	--	--

Sample ID: Sample Depth(Feet): Date Collected:	SL-BH001466 1-3 04/09/08	SL-BH001467 1-3 04/09/08	Maximum Sample Result	Arithmetic Average Concentration (See Note 6)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 7)	Constituent Exceeds Comparison Criteria? (See Note 8)
Semivolatile Organics						
3-Methylcholanthrene	2.6	4.3	N/A (See Note 8)	1.2	Not Listed	Yes
Acetophenone	--	--	N/A (See Note 8)	0.21	Not Listed	Yes
Benzo(a)anthracene	0.67	4.9	N/A (See Note 8)	4	7	No
Benzo(a)pyrene	0.62	4.1	N/A (See Note 8)	1.7	2	No
Benzo(b)fluoranthene	1.5	5.7	N/A (See Note 8)	4	7	No
Benzo(g,h,i)perylene	0.63	3.2	N/A (See Note 8)	2.2	1,000	No
Benzo(k)fluoranthene	0.33	2.2	N/A (See Note 8)	1.5	70	No
Chrysene	0.73	4.4	N/A (See Note 8)	4	70	No
Dibenzo(a,h)anthracene	0.50	0.73	N/A (See Note 8)	0.5	0.7	No
Indeno(1,2,3-cd)pyrene	0.87	3.4	N/A (See Note 8)	2.1	7	No
Naphthalene	0.50	0.85	N/A (See Note 8)	0.6	40	No
Phenanthrene	0.59	5.1	N/A (See Note 8)	5	500	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	1.00E-03	N/A (See Note 8)	1.50E-03	No
Inorganics						
Arsenic	12.3	14.9	N/A (See Note 8)	9.89	20	No
Copper	78.3	132	N/A (See Note 8)	135	770**	No
Lead	439	236	N/A (See Note 8)	336	300	Yes
Sulfide	--	--	N/A (See Note 8)	264	633*	No

See Notes on Page 3

TABLE E-136
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 1- TO 3-FOOT DEPTH INCREMENT

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. The SVOC results presented for RA-2-SB-11 (1-3') and RA-4-SB-3 (1-3') are used to delineate sample RA-3-SB-1 (1-3') to the west and RA-3-SB-15 to the east, respectively. The Total TEQs and inorganic results are not presented herein as these results are included in the evaluation of Recreational Area 2.
2. The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): RA-3-SB-1-E (1-3'; 10/11/05), RA-2-SB-11 (1-3'; 6/10/03), and RA-3-SB-1 (1-3'; 6/10/03).
3. The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): RA-3-SB-15-E (1-3'; 10/11/05), RA-3-SB-15-EE (1-3'; 6/2/06), RA-3-SB-15-W (1-3'; 10/11/05), RA-3-SB-15-WW (1-3'; 6/2/06), RA-3-SB-15-WWW (1-3'; 6/2/06), RA-4-SB-3 (1-3'; 6/11/03), RA-3-SB-15 (1-3'; 6/11/03), and SL-BH001473 (1-3'; 4/9/08).
4. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
5. With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
6. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
7. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
8. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
9. Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
10. * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
11. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.
12. ** = No MCP Method 1 standard exists for copper, but an MCP Method 2 soil standard (Category S-1/GW-3) has been derived for copper using the procedure in 310 CMR 40.0984, as described in Attachment A of a letter submitted by GE on April 11, 2001 to MDEP (copied to EPA) regarding *Revised Evaluation of Appendix IX+3 Constituents, Revised Soil Removal Limits, and Proposed Groundwater Investigation for the following Parcels: I9-9-26, I9-9-27, I9-9-28, and I9-9-29.*
This derived soil standard is 770 ppm.
13. -- = Not analyzed.

ARCADIS

Recreational Area RA-4

TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA BH001468 SL-BH001468-0-0000 0-1 04/09/08	EPA BH001468 SL-BH001468-0-0010 1-3 04/09/08	EPA BH001474 SL-BH001474-0-0000 0-1 04/09/08	EPA BH001474 SL-BH001474-0-0010 1-3 04/09/08
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	NA	NA	NA	NA
1,1,1-Trichloroethane		680	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane		0.36	NA	NA	NA	NA
1,1,2-Trichloroethane		0.82	NA	NA	NA	NA
1,1-Dichloroethane		570	NA	NA	NA	NA
1,1-Dichloroethene		0.052	NA	NA	NA	NA
1,2,3-Trichloropropane		0.0014	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA	NA	NA
1,2-Dibromoethane		0.0049	NA	NA	NA	NA
1,2-Dichloroethane		0.34	NA	NA	NA	NA
1,2-Dichloropropane		0.34	NA	NA	NA	NA
1,4-Dioxane		40	NA	NA	NA	NA
2-Butanone		6,900	NA	NA	NA	NA
2-Chloro-1,3-butadiene		3.6	NA	NA	NA	NA
2-Chloroethylvinylether		0.18	NA	NA	NA	NA
2-Hexanone		750	NA	NA	NA	NA
3-Chloropropene		2,700	NA	NA	NA	NA
4-Methyl-2-pentanone		750	NA	NA	NA	NA
Acetone		1,400	NA	NA	NA	NA
Acetonitrile		200	NA	NA	NA	NA
Acrolein		0.1	NA	NA	NA	NA
Acrylonitrile		0.19	NA	NA	NA	NA
Benzene		0.62	NA	NA	NA	NA
Bromodichloromethane		0.98	NA	NA	NA	NA
Bromoform		56	NA	NA	NA	NA
Bromomethane		3.8	NA	NA	NA	NA
Carbon Disulfide		350	NA	NA	NA	NA
Carbon Tetrachloride		0.23	NA	NA	NA	NA
Chlorobenzene		54	NA	NA	NA	NA
Chloroethane		1,600	NA	NA	NA	NA
Chloroform		0.24	NA	NA	NA	NA
Chloromethane		1.2	NA	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA
Dibromochloromethane		5.3	NA	NA	NA	NA
Dibromomethane		550	NA	NA	NA	NA
Dichlorodifluoromethane		94	NA	NA	NA	NA
Ethyl Methacrylate		140	NA	NA	NA	NA
Ethylbenzene		230	NA	NA	NA	NA
Iodomethane		1.2	NA	NA	NA	NA
Isobutanol		10,000	NA	NA	NA	NA
Methacrylonitrile		1.8	NA	NA	NA	NA
Methyl Methacrylate		2,200	NA	NA	NA	NA
Methylene Chloride		8.5	NA	NA	NA	NA
Propionitrile		200	NA	NA	NA	NA
Styrene		1,700	NA	NA	NA	NA
Tetrachloroethene		4.7	NA	NA	NA	NA
Toluene		520	NA	NA	NA	NA
trans-1,2-Dichloroethene		62	NA	NA	NA	NA
trans-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	NA	NA
Trichloroethene		2.7	NA	NA	NA	NA
Trichlorofluoromethane		380	NA	NA	NA	NA
Vinyl Acetate		420	NA	NA	NA	NA
Vinyl Chloride		0.021	NA	NA	NA	NA
Xylenes (total)		210	NA	NA	NA	NA

**TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA BH001468 SL-BH001468-0-0000 0-1 04/09/08	EPA BH001468 SL-BH001468-0-0010 1-3 04/09/08	EPA BH001474 SL-BH001474-0-0000 0-1 04/09/08	EPA BH001474 SL-BH001474-0-0010 1-3 04/09/08
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	16	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
1,2,4-Trichlorobenzene	480	ND(1.6)	ND(0.39)	ND(1.6)	ND(0.47)
1,2-Dichlorobenzene	370	ND(1.6)	ND(0.39)	ND(1.6)	ND(0.47)
1,2-Diphenylhydrazine	0.56	NA	NA	NA	NA
1,3,5-Trinitrobenzene	1,600	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
1,3-Dichlorobenzene	41	ND(1.6)	ND(0.39)	ND(1.6)	ND(0.47)
1,3-Dinitrobenzene	5.5	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
1,4-Dichlorobenzene	3	ND(1.6)	ND(0.39)	ND(1.6)	ND(0.47)
1,4-Naphthoquinone	55	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
1-Naphthylamine	Not Listed	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
2,3,4,6-Tetrachlorophenol	1,600	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
2,4,5-Trichlorophenol	5,500	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
2,4,6-Trichlorophenol	40	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
2,4-Dichlorophenol	160	ND(1.6)	ND(0.39)	ND(1.6)	ND(0.47)
2,4-Dimethylphenol	1,100	ND(7.6)	ND(1.9)	ND(8.0)	2.0 J
2,4-Dinitrophenol	110	ND(39)	ND(10)	ND(41)	ND(12)
2,4-Dinitrotoluene	110	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
2,6-Dichlorophenol	160	ND(1.6)	ND(0.39)	ND(1.6)	ND(0.47)
2,6-Dinitrotoluene	55	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
2-Acetylaminofluorene	0.56	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
2-Chloronaphthalene	3,700	ND(1.6)	ND(0.39)	ND(1.6)	ND(0.47)
2-Chlorophenol	59	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
2-Methylnaphthalene	55	ND(1.6)	ND(0.39)	ND(1.6)	0.16 J
2-Methylphenol	2,700	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
2-Naphthylamine	Not Listed	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
2-Nitroaniline	3.3	ND(39)	ND(10)	ND(41)	ND(12)
2-Nitrophenol	Not Listed	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
2-Picoline	55	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
3&4-Methylphenol	270	NA	NA	NA	NA
3,3'-Dichlorobenzidine	0.99	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
3,3'-Dimethylbenzidine	0.048	ND(39)	ND(10)	ND(41)	ND(12)
3-Methylcholanthrene	0.056	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
3-Nitroaniline	5.5	ND(39)	ND(10)	ND(41)	ND(12)
4,6-Dinitro-2-methylphenol	55	ND(39)	ND(10)	ND(41)	ND(12)
4-Aminobiphenyl	1,400	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
4-Bromophenyl-phenylether	160	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
4-Chloro-3-Methylphenol	2,700	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
4-Chloroaniline	220	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
4-Chlorobenzilate	1.6	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
4-Chlorophenyl-phenylether	Not Listed	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
4-Methylphenol	270	ND(7.6)	ND(1.9)	ND(8.0)	0.24 J
4-Nitroaniline	5.5	ND(39)	ND(10)	ND(41)	ND(12)
4-Nitrophenol	3,400	ND(39)	ND(10)	ND(41)	ND(12)
4-Nitroquinoline-1-oxide	110	0 R	0 R	0 R	0 R
4-Phenylenediamine	10,000	ND(160)	ND(39)	ND(160)	ND(47)
5-Nitro-o-toluidine	13	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
7,12-Dimethylbenz(a)anthracene	0.056	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
a,a'-Dimethylphenethylamine	55	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
Acenaphthene	2,600	1.3 J	0.37 J	ND(1.6)	ND(0.47)
Acenaphthylene	55	0.91 J	0.15 J	0.52 J	0.43 J
Acetophenone	0.49	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
Aniline	78	ND(7.6)	ND(1.9)	ND(8.0)	0.18 J
Anthracene	14,000	3.6	0.82	ND(1.6)	0.33 J
Aramite	18	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
Azobenzene	4	ND(1.6)	ND(0.39)	ND(1.6)	ND(0.47)
Benzidine	0.0019	NA	NA	NA	NA
Benzo(a)anthracene	0.56	11	2.5	1.6	1.4
Benzo(a)pyrene	0.056	11	2.2	4.2	1.8

TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA BH001468 SL-BH001468-0-0000 0-1 04/09/08	EPA BH001468 SL-BH001468-0-0010 1-3 04/09/08	EPA BH001474 SL-BH001474-0-0000 0-1 04/09/08	EPA BH001474 SL-BH001474-0-0010 1-3 04/09/08
Semivolatile Organics (continue)					
Benzo(b)fluoranthene	0.56	12	2.1	3.8	1.4
Benzo(g,h,i)perylene	55	9.2	1.5	1.6	1.3
Benzo(k)fluoranthene	5.6	4.3	0.75	1.2 J	0.70
Benzoic Acid	100,000	NA	NA	NA	NA
Benzyl Alcohol	16,000	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
bis(2-Chloroethoxy)methane	Not Listed	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
bis(2-Chloroethyl)ether	0.18	ND(1.6)	ND(0.39)	ND(1.6)	ND(0.47)
bis(2-Chloroisopropyl)ether	2.5	ND(1.6)	ND(0.39)	ND(1.6)	ND(0.47)
bis(2-Ethylhexyl)phthalate	32	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
Butylbenzylphthalate	930	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
Chrysene	56	12	2.1	1.8	1.4
Diallylate	7.3	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
Dibenzo(a,h)anthracene	0.056	3.1	0.63	ND(1.6)	0.75
Dibenzofuran	210	0.76 J	0.21 J	ND(8.0)	ND(2.3)
Diethylphthalate	44,000	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
Dimethylphthalate	100,000	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
Di-n-Butylphthalate	5,500	4.2 J	ND(1.9)	7.3 J	1.5 J
Di-n-Octylphthalate	1,100	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
Dinoseb	55	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
Diphenylamine	1,400	NA	NA	NA	NA
Ethyl Methacrylate	140	NA	NA	NA	NA
Ethyl Methanesulfonate	Not Listed	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
Fluoranthene	2,000	22	4.7	2.6	3.2
Fluorene	1,800	1.2 J	0.32 J	ND(1.6)	ND(0.47)
Hexachlorobenzene	0.28	ND(1.6)	ND(0.39)	ND(1.6)	ND(0.47)
Hexachlorobutadiene	5.7	ND(1.6)	ND(0.39)	ND(1.6)	ND(0.47)
Hexachlorocyclopentadiene	380	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
Hexachloroethane	32	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
Hexachlorophene	16	NA	NA	NA	NA
Hexachloropropene	Not Listed	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
Indeno(1,2,3-cd)pyrene	0.56	7.4	1.3	4.4	1.3
Isodrin	Not Listed	NA	NA	NA	NA
Isophorone	470	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
Isosafrole	Not Listed	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
Methapyrilene	55	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
Methyl Methanesulfonate	Not Listed	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
Naphthalene	55	0.45 J	0.17 J	ND(1.6)	0.49
Nitrobenzene	16	ND(1.6)	ND(0.39)	ND(1.6)	ND(0.47)
N-Nitrosodiethylamine	0.003	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
N-Nitrosodimethylamine	0.0087	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
N-Nitroso-di-n-butylamine	0.022	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
N-Nitroso-di-n-propylamine	0.063	ND(1.6)	ND(0.39)	ND(1.6)	ND(0.47)
N-Nitrosodiphenylamine	91	ND(1.6)	ND(0.39)	ND(1.6)	ND(0.47)
N-Nitrosomethylethylamine	0.02	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
N-Nitrosomorpholine	0.21	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
N-Nitrosopiperidine	0.21	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
N-Nitrosopyrrolidine	0.21	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
o,o,o-Triethylphosphorothioate	11	NA	NA	NA	NA
o-Toluidine	1.9	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
p-Dimethylaminoazobenzene	0.99	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
Pentachlorobenzene	44	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
Pentachloroethane	2.8	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
Pentachloronitrobenzene	1.7	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
Pentachlorophenol	2.5	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
Phenacetin	640	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
Phenanthrene	55	17	4.3	1.0 J	1.2
Phenol	33,000	ND(1.6)	ND(0.39)	ND(1.6)	0.77
Pronamide	4,100	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)

TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA BH001468 SL-BH001468-0-0000 0-1 04/09/08	EPA BH001468 SL-BH001468-0-0010 1-3 04/09/08	EPA BH001474 SL-BH001474-0-0000 0-1 04/09/08	EPA BH001474 SL-BH001474-0-0010 1-3 04/09/08
Semivolatile Organics (continue)					
Pyrene	1,500	24	4.6	2.8	2.2
Pyridine	55	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
Safrole	Not Listed	ND(7.6)	ND(1.9)	ND(8.0)	ND(2.3)
Sulfotep	27	NA	NA	NA	NA
Thionazin	330	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Applicable	NA	NA	NA	NA
TCDFs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	NA	NA	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	NA	NA	NA	NA
PeCDFs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA
HxCDFs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	NA	NA	NA
HpCDFs (total)	Not Applicable	NA	NA	NA	NA
OCDF	Not Applicable	NA	NA	NA	NA
Dioxins					
2,3,7,8-TCDD	Not Applicable	NA	NA	NA	NA
TCDDs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	NA	NA	NA	NA
PeCDDs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	NA	NA	NA	NA
HxCDDs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	NA	NA	NA
HpCDDs (total)	Not Applicable	NA	NA	NA	NA
OCDD	Not Applicable	NA	NA	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	NA	NA	NA	NA

**TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA BH001468 SL-BH001468-0-0000 0-1 04/09/08	EPA BH001468 SL-BH001468-0-0010 1-3 04/09/08	EPA BH001474 SL-BH001474-0-0000 0-1 04/09/08	EPA BH001474 SL-BH001474-0-0010 1-3 04/09/08
Inorganics					
Aluminum	75,000	NA	NA	NA	NA
Antimony	30	ND(0.0770)	ND(0.0730)	0.760	0.560
Arsenic	0.38	10.6	11.1	5.60	15.9
Barium	5,200	64.6	46.3	38.3	57.5
Beryllium	150	0.410	0.250	0.410	0.570
Cadmium	37	1.30	0.740	0.860	0.670
Calcium	Not Listed	NA	NA	NA	NA
Chromium	210	14.3	15.0	11.1	18.2
Cobalt	3,300	10.6	12.8	7.20	8.20
Copper	2,800	85.0	64.5	47.2	70.9
Iron	22,000	NA	NA	NA	NA
Lead	400	185	64.0	136	124
Magnesium	Not Listed	NA	NA	NA	NA
Manganese	3,100	NA	NA	NA	NA
Mercury	22	0.760 J	0.470 J	0.300 J	0.230 J
Nickel	1,500	28.4	25.1	21.4	24.8
Potassium	Not Listed	NA	NA	NA	NA
Selenium	370	0.290	ND(0.160)	0.250	0.620
Silver	370	ND(0.0320)	ND(0.0300)	0.230	0.530
Sodium	Not Listed	NA	NA	NA	NA
Thallium	6	ND(0.0520)	ND(0.0490)	ND(0.0520)	ND(0.0630)
Tin	45,000	6.50	3.80	3.40	7.20
Vanadium	520	24.1	13.1	30.8	21.1
Zinc	22,000	186	111	157	112
Cyanide	11	NA	NA	NA	NA
Sulfide	350	NA	NA	NA	NA
Petroleum Hydrocarbons					
C9-C18 Aliphatic Hydrocarbons	Not Listed	NA	NA	NA	NA
C11-C22 Aromatic Hydrocarbons	Not Listed	NA	NA	NA	NA
C19-C36 Aliphatic Hydrocarbons	Not Listed	NA	NA	NA	NA
C5-C8 Aliphatic Hydrocarbons	Not Listed	NA	NA	NA	NA
C9-C10 Aromatic Hydrocarbons	Not Listed	NA	NA	NA	NA
C9-C12 Aliphatic Hydrocarbons	Not Listed	NA	NA	NA	NA

**TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-4 Bottom Bank SLB-4-BB 0-0.5 01/19/95	Historical SLB-4 Top Bank SLB-4-TB 0-0.5 10/11/95	PDI RA-3-SB-15-EE RA-3-SB-15-EE 0-1 06/02/06	PDI RA-3-SB-15-EE RA-3-SB-15-EE 1-3 06/02/06
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	NA	NA	NA	NA
1,1,1-Trichloroethane		680	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane		0.36	NA	NA	NA	NA
1,1,2-Trichloroethane		0.82	NA	NA	NA	NA
1,1-Dichloroethane		570	NA	NA	NA	NA
1,1-Dichloroethene		0.052	NA	NA	NA	NA
1,2,3-Trichloropropane		0.0014	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA	NA	NA
1,2-Dibromoethane		0.0049	NA	NA	NA	NA
1,2-Dichloroethane		0.34	NA	NA	NA	NA
1,2-Dichloropropane		0.34	NA	NA	NA	NA
1,4-Dioxane		40	NA	NA	NA	NA
2-Butanone		6,900	NA	NA	NA	NA
2-Chloro-1,3-butadiene		3.6	NA	NA	NA	NA
2-Chloroethylvinylether		0.18	NA	NA	NA	NA
2-Hexanone		750	NA	NA	NA	NA
3-Chloropropene		2,700	NA	NA	NA	NA
4-Methyl-2-pentanone		750	NA	NA	NA	NA
Acetone		1,400	NA	NA	NA	NA
Acetonitrile		200	NA	NA	NA	NA
Acrolein		0.1	NA	NA	NA	NA
Acrylonitrile		0.19	NA	NA	NA	NA
Benzene		0.62	NA	NA	NA	NA
Bromodichloromethane		0.98	NA	NA	NA	NA
Bromoform		56	NA	NA	NA	NA
Bromomethane		3.8	NA	NA	NA	NA
Carbon Disulfide		350	NA	NA	NA	NA
Carbon Tetrachloride		0.23	NA	NA	NA	NA
Chlorobenzene		54	NA	NA	NA	NA
Chloroethane		1,600	NA	NA	NA	NA
Chloroform		0.24	NA	NA	NA	NA
Chloromethane		1.2	NA	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA
Dibromochloromethane		5.3	NA	NA	NA	NA
Dibromomethane		550	NA	NA	NA	NA
Dichlorodifluoromethane		94	NA	NA	NA	NA
Ethyl Methacrylate		140	NA	NA	NA	NA
Ethylbenzene		230	NA	NA	NA	NA
Iodomethane		1.2	NA	NA	NA	NA
Isobutanol		10,000	NA	NA	NA	NA
Methacrylonitrile		1.8	NA	NA	NA	NA
Methyl Methacrylate		2,200	NA	NA	NA	NA
Methylene Chloride		8.5	NA	NA	NA	NA
Propionitrile		200	NA	NA	NA	NA
Styrene		1,700	NA	NA	NA	NA
Tetrachloroethene		4.7	NA	NA	NA	NA
Toluene		520	NA	NA	NA	NA
trans-1,2-Dichloroethene		62	NA	NA	NA	NA
trans-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	NA	NA
Trichloroethene		2.7	NA	NA	NA	NA
Trichlorofluoromethane		380	NA	NA	NA	NA
Vinyl Acetate		420	NA	NA	NA	NA
Vinyl Chloride		0.021	NA	NA	NA	NA
Xylenes (total)		210	NA	NA	NA	NA

**TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-4 Bottom Bank SLB-4-BB 0-0.5 01/19/95	Historical SLB-4 Top Bank SLB-4-TB 0-0.5 10/11/95	PDI RA-3-SB-15-EE RA-3-SB-15-EE 0-1 06/02/06	PDI RA-3-SB-15-EE RA-3-SB-15-EE 1-3 06/02/06
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
1,2,4-Trichlorobenzene		480	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
1,2-Dichlorobenzene		370	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
1,2-Diphenylhydrazine		0.56	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
1,3,5-Trinitrobenzene		1,600	ND(4.1)	ND(0.40)	ND(36)	ND(35) [ND(35)]
1,3-Dichlorobenzene		41	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
1,3-Dinitrobenzene		5.5	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
1,4-Dichlorobenzene		3	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
1,4-Naphthoquinone		55	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
1-Naphthylamine		Not Listed	ND(49)	ND(0.40)	ND(36)	ND(35) [ND(35)]
2,3,4,6-Tetrachlorophenol		1,600	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
2,4,5-Trichlorophenol		5,500	ND(20)	ND(0.96)	ND(7.3)	ND(7.0) [ND(7.0)]
2,4,6-Trichlorophenol		40	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
2,4-Dichlorophenol		160	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
2,4-Dimethylphenol		1,100	NA	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
2,4-Dinitrophenol		110	ND(20)	ND(0.96)	ND(36)	ND(35) [ND(35)]
2,4-Dinitrotoluene		110	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
2,6-Dichlorophenol		160	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
2,6-Dinitrotoluene		55	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
2-Acetylaminofluorene		0.56	ND(4.1)	ND(0.80)	ND(15)	ND(14) [ND(14)]
2-Chloronaphthalene		3,700	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
2-Chlorophenol		59	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
2-Methylnaphthalene		55	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
2-Methylphenol		2,700	3.2 J	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
2-Naphthylamine		Not Listed	ND(70)	ND(0.40)	ND(36)	ND(35) [ND(35)]
2-Nitroaniline		3.3	ND(20)	ND(0.96)	ND(7.3)	ND(7.0) [ND(7.0)]
2-Nitrophenol		Not Listed	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
2-Picoline		55	ND(29)	ND(0.80)	ND(7.3)	ND(7.0) [ND(7.0)]
3&4-Methylphenol		270	2.5 J	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
3,3'-Dichlorobenzidine		0.99	ND(8.1)	ND(0.80)	ND(15)	ND(14) [ND(14)]
3,3'-Dimethylbenzidine		0.048	ND(33)	ND(0.80)	ND(36)	ND(35) [ND(35)]
3-Methylcholanthrene		0.056	ND(12)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
3-Nitroaniline		5.5	ND(20)	ND(0.96)	ND(36) J	ND(35) J [ND(35) J]
4,6-Dinitro-2-methylphenol		55	ND(20)	ND(0.96)	ND(36)	ND(35) [ND(35)]
4-Aminobiphenyl		1,400	ND(20)	ND(0.80)	ND(7.3)	ND(7.0) [ND(7.0)]
4-Bromophenyl-phenylether		160	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
4-Chloro-3-Methylphenol		2,700	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
4-Chloroaniline		220	ND(4.1)	ND(0.40)	ND(36) J	ND(35) J [ND(35) J]
4-Chlorobenzilate		1.6	ND(4.1)	ND(0.80)	ND(7.3)	ND(7.0) [ND(7.0)]
4-Chlorophenyl-phenylether		Not Listed	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
4-Methylphenol		270	1.5 J	NA	NA	NA
4-Nitroaniline		5.5	ND(20)	ND(0.96)	ND(36)	ND(35) [ND(35)]
4-Nitrophenol		3,400	ND(20)	ND(0.96)	ND(36)	ND(35) [ND(35)]
4-Nitroquinoline-1-oxide		110	ND(4.1)	ND(0.40)	ND(36) J	ND(35) J [ND(35) J]
4-Phenylenediamine		10,000	ND(20)	ND(0.80)	ND(15) J	ND(14) J [ND(14) J]
5-Nitro-o-toluidine		13	ND(8.2)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
7,12-Dimethylbenz(a)anthracene		0.056	ND(8.2)	ND(0.80)	ND(7.3)	ND(7.0) [ND(7.0)]
a,a'-Dimethylphenethylamine		55	ND(4.1)	ND(0.40)	ND(36)	ND(35) [ND(35)]
Acenaphthene		2,600	ND(4.1)	ND(0.40)	3.7 J	2.8 J [3.1 J]
Acenaphthylene		55	0.79 J	0.22 J	2.8 J	1.7 J [1.7 J]
Acetophenone		0.49	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
Aniline		78	ND(4.1)	ND(0.40)	ND(7.3)	12 [11]
Anthracene		14,000	0.80 J	0.13 J	7.1 J	6.6 J [9.1]
Aramite		18	ND(4.1)	ND(0.80)	ND(7.3)	ND(7.0) [ND(7.0)]
Azobenzene		4	NA	NA	NA	NA
Benzidine		0.0019	ND(20)	ND(0.40)	ND(15) J	ND(14) J [ND(14) J]
Benzo(a)anthracene		0.56	1.9 J	0.65	23	20 [28]
Benzo(a)pyrene		0.056	1.8 J	0.96	24	15 [21]

**TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-4 Bottom Bank SLB-4-BB 0-0.5 01/19/95	Historical SLB-4 Top Bank SLB-4-TB 0-0.5 10/11/95	PDI RA-3-SB-15-EE RA-3-SB-15-EE 0-1 06/02/06	PDI RA-3-SB-15-EE RA-3-SB-15-EE 1-3 06/02/06
Semivolatle Organics (continue)						
Benzo(b)fluoranthene		0.56	1.6 J	0.99	27	17 [24]
Benzo(g,h,i)perylene		55	1.6 J	0.26 J	18	12 [15]
Benzo(k)fluoranthene		5.6	1.7 J	0.92	11	6.2 J [11]
Benzoic Acid		100,000	ND(20)	NA	NA	NA
Benzyl Alcohol		16,000	ND(4.1)	ND(0.40)	ND(15)	ND(14) [ND(14)]
bis(2-Chloroethoxy)methane		Not Listed	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
bis(2-Chloroethyl)ether		0.18	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
bis(2-Chloroisopropyl)ether		2.5	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
bis(2-Ethylhexyl)phthalate		32	ND(4.1)	0.12 J	ND(7.3)	ND(7.0) [ND(7.0)]
Butylbenzylphthalate		930	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
Chrysene		56	2.1 J	0.86	24	19 [23]
Diallylate		7.3	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
Dibenzo(a,h)anthracene		0.056	ND(4.1)	ND(0.40)	2.3 J	ND(7.0) [ND(7.0)]
Dibenzofuran		210	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [1.5 J]
Diethylphthalate		44,000	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
Dimethylphthalate		100,000	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
Di-n-Butylphthalate		5,500	0.80 JB	0.14 JB	2.5 J	ND(7.0) [ND(7.0)]
Di-n-Octylphthalate		1,100	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
Dinoseb		55	ND(8.2)	ND(0.40)	NA	NA
Diphenylamine		1,400	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
Ethyl Methacrylate		140	ND(8.2)	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
Fluoranthene		2,000	3.4 J	1.2	45	27 [36]
Fluorene		1,800	ND(4.1)	ND(0.40)	2.8 J	1.7 J [2.4 J]
Hexachlorobenzene		0.28	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
Hexachlorobutadiene		5.7	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
Hexachlorocyclopentadiene		380	ND(4.1)	ND(0.40)	ND(15)	ND(14) [ND(14)]
Hexachloroethane		32	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
Hexachlorophene		16	ND(20)	ND(2.0)	ND(7.3) J	ND(7.0) J [ND(7.0) J]
Hexachloropropene		Not Listed	ND(8.2)	ND(0.40)	ND(15)	ND(14) [ND(14)]
Indeno(1,2,3-cd)pyrene		0.56	1.3 J	0.31 J	15	12 [16]
Isodrin		Not Listed	ND(4.1)	NA	ND(7.3)	ND(7.0) [ND(7.0)]
Isophorone		470	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
Isosafrole		Not Listed	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
Methapyrilene		55	ND(16)	ND(0.40)	ND(7.3)	ND(7.0) J [ND(7.0) J]
Methyl Methanesulfonate		Not Listed	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
Naphthalene		55	1.8 J	0.047 J	2.2 J	2.6 J [2.5 J]
Nitrobenzene		16	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
N-Nitrosodiethylamine		0.003	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
N-Nitrosodimethylamine		0.0087	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
N-Nitroso-di-n-butylamine		0.022	ND(8.2)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
N-Nitroso-di-n-propylamine		0.063	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
N-Nitrosodiphenylamine		91	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
N-Nitrosomethylethylamine		0.02	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
N-Nitrosomorpholine		0.21	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
N-Nitrosopiperidine		0.21	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
N-Nitrosopyrrolidine		0.21	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
o,o,o-Triethylphosphorothioate		11	ND(4.1)	NA	ND(7.3)	ND(7.0) [ND(7.0)]
o-Toluidine		1.9	1.6 J	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
p-Dimethylaminoazobenzene		0.99	ND(12)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
Pentachlorobenzene		44	ND(8.2)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
Pentachloroethane		2.8	ND(8.2)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
Pentachloronitrobenzene		1.7	ND(8.2)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
Pentachlorophenol		2.5	ND(20)	ND(0.96)	ND(36)	ND(35) [ND(35)]
Phenacetin		640	ND(4.1)	ND(0.80)	ND(7.3)	ND(7.0) [ND(7.0)]
Phenanthrene		55	1.9 J	0.46	32	24 [33]
Phenol		33,000	9.6	ND(0.40)	5.0 J	ND(7.0) [ND(7.0)]
Pronamide		4,100	ND(12)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]

TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-4 Bottom Bank SLB-4-BB 0-0.5 01/19/95	Historical SLB-4 Top Bank SLB-4-TB 0-0.5 10/11/95	PDI RA-3-SB-15-EE RA-3-SB-15-EE 0-1 06/02/06	PDI RA-3-SB-15-EE RA-3-SB-15-EE 1-3 06/02/06
Parameter					
Semivolatle Organics (continue)					
Pyrene	1,500	3.0 J	0.89	54	32 [44]
Pyridine	55	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
Safrole	Not Listed	ND(4.1)	ND(0.40)	ND(7.3)	ND(7.0) [ND(7.0)]
Sulfotep	27	ND(4.1)	NA	NA	NA
Thionazin	330	ND(4.1)	NA	ND(15)	ND(14) [ND(14)]
Furans					
2,3,7,8-TCDF	Not Applicable	0.00051 Y	NA	NA	NA
TCDFs (total)	Not Applicable	0.0016	NA	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	0.00026	NA	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	0.00021	NA	NA	NA
PeCDFs (total)	Not Applicable	0.00050	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	0.00041	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	0.00024	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	ND(0.000028)	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	0.00012	NA	NA	NA
HxCDFs (total)	Not Applicable	0.0042	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.00048	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	0.000094	NA	NA	NA
HpCDFs (total)	Not Applicable	0.0012	NA	NA	NA
OCDF	Not Applicable	0.00044	NA	NA	NA
Dioxins					
2,3,7,8-TCDD	Not Applicable	0.000022 J	NA	NA	NA
TCDDs (total)	Not Applicable	0.000027	NA	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	ND(0.000069) X	NA	NA	NA
PeCDDs (total)	Not Applicable	ND(0.000018)	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	0.000018	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	0.000040	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	0.000036	NA	NA	NA
HxCDDs (total)	Not Applicable	0.00034	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.00068	NA	NA	NA
HpCDDs (total)	Not Applicable	0.0012	NA	NA	NA
OCDD	Not Applicable	0.0037 E	NA	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	0.00027	NA	NA	NA

**TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-4 Bottom Bank SLB-4-BB 0-0.5 01/19/95	Historical SLB-4 Top Bank SLB-4-TB 0-0.5 10/11/95	PDI RA-3-SB-15-EE RA-3-SB-15-EE 0-1 06/02/06	PDI RA-3-SB-15-EE RA-3-SB-15-EE 1-3 06/02/06
Inorganics						
Aluminum		75,000	7290	NA	NA	NA
Antimony		30	ND(6.20)	NA	NA	NA
Arsenic		0.38	6.20	NA	NA	NA
Barium		5,200	32.8	NA	NA	NA
Beryllium		150	0.220 B	NA	NA	NA
Cadmium		37	0.870	NA	NA	NA
Calcium		Not Listed	22400	NA	NA	NA
Chromium		210	17.0	NA	NA	NA
Cobalt		3,300	7.30	NA	NA	NA
Copper		2,800	141	NA	NA	NA
Iron		22,000	28600	NA	NA	NA
Lead		400	357	NA	NA	NA
Magnesium		Not Listed	12600	NA	NA	NA
Manganese		3,100	437	NA	NA	NA
Mercury		22	0.790	NA	NA	NA
Nickel		1,500	26.4	NA	NA	NA
Potassium		Not Listed	535 B	NA	NA	NA
Selenium		370	0.290 B	NA	NA	NA
Silver		370	1.20	NA	NA	NA
Sodium		Not Listed	92.4 B	NA	NA	NA
Thallium		6	ND(0.240)	NA	NA	NA
Tin		45,000	NA	NA	NA	NA
Vanadium		520	26.4	NA	NA	NA
Zinc		22,000	221	NA	NA	NA
Cyanide		11	ND(0.610)	NA	NA	NA
Sulfide		350	NA	NA	NA	NA
Petroleum Hydrocarbons						
C9-C18 Aliphatic Hydrocarbons		Not Listed	NA	NA	NA	NA
C11-C22 Aromatic Hydrocarbons		Not Listed	NA	NA	NA	NA
C19-C36 Aliphatic Hydrocarbons		Not Listed	NA	NA	NA	NA
C5-C8 Aliphatic Hydrocarbons		Not Listed	NA	NA	NA	NA
C9-C10 Aromatic Hydrocarbons		Not Listed	NA	NA	NA	NA
C9-C12 Aliphatic Hydrocarbons		Not Listed	NA	NA	NA	NA

**TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-4-SB-3 RA-4-SB-3 0-1 06/11/03	PDI RA-4-SB-3 RA-4-SB-3 1-3 06/11/03	PDI RA-4-SB-7 RA-4-SB-7 0-1 06/11/03	PDI RA-4-SB-7 RA-4-SB-7 1-3 06/11/03
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
1,1,1-Trichloroethane		680	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
1,1,2-Trichloroethane		0.82	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
1,1-Dichloroethane		570	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
1,1-Dichloroethene		0.052	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
1,2,3-Trichloropropane		0.0014	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
1,2-Dibromoethane		0.0049	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
1,2-Dichloroethane		0.34	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
1,2-Dichloropropane		0.34	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
1,4-Dioxane		40	ND(0.11) J	ND(0.11) J	ND(0.12) J	ND(0.11) J
2-Butanone		6,900	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)
2-Chloro-1,3-butadiene		3.6	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
2-Chloroethylvinylether		0.18	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
2-Hexanone		750	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)
3-Chloropropene		2,700	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
4-Methyl-2-pentanone		750	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)
Acetone		1,400	ND(0.022)	ND(0.023)	ND(0.024)	ND(0.022)
Acetonitrile		200	ND(0.11) J	ND(0.11) J	ND(0.12) J	ND(0.11) J
Acrolein		0.1	ND(0.11) J	ND(0.11) J	ND(0.12) J	ND(0.11) J
Acrylonitrile		0.19	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
Benzene		0.62	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
Bromodichloromethane		0.98	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
Bromoform		56	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
Bromomethane		3.8	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
Carbon Disulfide		350	ND(0.0055) J	ND(0.0057) J	ND(0.0061) J	ND(0.0054) J
Carbon Tetrachloride		0.23	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
Chlorobenzene		54	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
Chloroethane		1,600	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
Chloroform		0.24	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
Chloromethane		1.2	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
cis-1,3-Dichloropropene		Not Listed	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
Dibromochloromethane		5.3	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
Dibromomethane		550	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
Dichlorodifluoromethane		94	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
Ethyl Methacrylate		140	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
Ethylbenzene		230	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
Iodomethane		1.2	ND(0.0055) J	ND(0.0057) J	ND(0.0061) J	ND(0.0054) J
Isobutanol		10,000	ND(0.11) J	ND(0.11) J	ND(0.12) J	ND(0.11) J
Methacrylonitrile		1.8	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
Methyl Methacrylate		2,200	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
Methylene Chloride		8.5	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
Propionitrile		200	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)
Styrene		1,700	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
Tetrachloroethene		4.7	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
Toluene		520	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
trans-1,2-Dichloroethene		62	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
trans-1,3-Dichloropropene		Not Listed	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
Trichloroethene		2.7	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
Trichlorofluoromethane		380	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
Vinyl Acetate		420	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
Vinyl Chloride		0.021	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)
Xylenes (total)		210	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0054)

**TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-4-SB-3 RA-4-SB-3 0-1 06/11/03	PDI RA-4-SB-3 RA-4-SB-3 1-3 06/11/03	PDI RA-4-SB-7 RA-4-SB-7 0-1 06/11/03	PDI RA-4-SB-7 RA-4-SB-7 1-3 06/11/03
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
1,2,4-Trichlorobenzene		480	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
1,2-Dichlorobenzene		370	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
1,2-Diphenylhydrazine		0.56	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
1,3,5-Trinitrobenzene		1,600	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
1,3-Dichlorobenzene		41	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
1,3-Dinitrobenzene		5.5	ND(0.74)	ND(0.77)	ND(0.82)	ND(0.73)
1,4-Dichlorobenzene		3	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
1,4-Naphthoquinone		55	ND(0.74) J	ND(0.77) J	ND(0.82) J	ND(0.73) J
1-Naphthylamine		Not Listed	ND(0.74)	ND(0.77)	ND(0.82)	ND(0.73)
2,3,4,6-Tetrachlorophenol		1,600	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
2,4,5-Trichlorophenol		5,500	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
2,4,6-Trichlorophenol		40	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
2,4-Dichlorophenol		160	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
2,4-Dimethylphenol		1,100	ND(0.37)	0.28 J	ND(0.41)	ND(0.36)
2,4-Dinitrophenol		110	ND(1.9) J	ND(2.2) J	ND(2.1) J	ND(1.8) J
2,4-Dinitrotoluene		110	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
2,6-Dichlorophenol		160	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
2,6-Dinitrotoluene		55	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
2-Acetylaminofluorene		0.56	ND(0.74)	ND(0.77)	ND(0.82)	ND(0.73)
2-Chloronaphthalene		3,700	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
2-Chlorophenol		59	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
2-Methylnaphthalene		55	0.28 J	0.12 J	ND(0.41)	ND(0.36)
2-Methylphenol		2,700	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
2-Naphthylamine		Not Listed	ND(0.74)	ND(0.77)	ND(0.82)	ND(0.73)
2-Nitroaniline		3.3	ND(1.9)	ND(2.2)	ND(2.1)	ND(1.8)
2-Nitrophenol		Not Listed	ND(0.74)	ND(0.77)	ND(0.82)	ND(0.73)
2-Picoline		55	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
3&4-Methylphenol		270	ND(0.74)	ND(0.77)	ND(0.82)	ND(0.73)
3,3'-Dichlorobenzidine		0.99	ND(0.74)	ND(0.88)	ND(0.82)	ND(0.73)
3,3'-Dimethylbenzidine		0.048	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
3-Methylcholanthrene		0.056	ND(0.74)	ND(0.77)	ND(0.82)	ND(0.73)
3-Nitroaniline		5.5	ND(1.9)	ND(2.2)	ND(2.1)	ND(1.8)
4,6-Dinitro-2-methylphenol		55	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
4-Aminobiphenyl		1,400	ND(0.74)	ND(0.77)	ND(0.82)	ND(0.73)
4-Bromophenyl-phenylether		160	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
4-Chloro-3-Methylphenol		2,700	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
4-Chloroaniline		220	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
4-Chlorobenzilate		1.6	ND(0.74)	ND(0.77)	ND(0.82)	ND(0.73)
4-Chlorophenyl-phenylether		Not Listed	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
4-Methylphenol		270	NA	NA	NA	NA
4-Nitroaniline		5.5	ND(1.9)	ND(1.9)	ND(2.1)	ND(1.8)
4-Nitrophenol		3,400	ND(1.9) J	ND(2.2) J	ND(2.1) J	ND(1.8) J
4-Nitroquinoline-1-oxide		110	ND(0.74) J	ND(0.77) J	ND(0.82) J	ND(0.73) J
4-Phenylenediamine		10,000	ND(0.74)	ND(0.77)	ND(0.82)	ND(0.73)
5-Nitro-o-toluidine		13	ND(0.74)	ND(0.77)	ND(0.82)	ND(0.73)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.74)	ND(0.77)	ND(0.82)	ND(0.73)
a,a'-Dimethylphenethylamine		55	ND(0.74)	ND(0.77)	ND(0.82)	ND(0.73)
Acenaphthene		2,600	1.0	ND(0.44)	ND(0.41)	ND(0.36)
Acenaphthylene		55	1.3	1.1	0.17 J	0.91
Acetophenone		0.49	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
Aniline		78	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
Anthracene		14,000	1.8	0.59	ND(0.41)	0.52
Aramite		18	ND(0.74)	ND(0.77)	ND(0.82)	ND(0.73)
Azobenzene		4	NA	NA	NA	NA
Benzidine		0.0019	ND(0.74)	ND(0.88)	ND(0.82)	ND(0.73)
Benzo(a)anthracene		0.56	4.5	1.7	ND(0.41)	1.4
Benzo(a)pyrene		0.056	3.8	1.6	ND(0.41)	1.6

**TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-4-SB-3 RA-4-SB-3 0-1 06/11/03	PDI RA-4-SB-3 RA-4-SB-3 1-3 06/11/03	PDI RA-4-SB-7 RA-4-SB-7 0-1 06/11/03	PDI RA-4-SB-7 RA-4-SB-7 1-3 06/11/03
Semivolatile Organics (continue)						
Benzo(b)fluoranthene		0.56	4.4	2.2	ND(0.41)	2.1
Benzo(g,h,i)perylene		55	3.0	1.2	ND(0.41)	1.5
Benzo(k)fluoranthene		5.6	1.8	0.79	ND(0.41)	0.87
Benzoic Acid		100,000	NA	NA	NA	NA
Benzyl Alcohol		16,000	ND(0.74)	ND(0.88)	ND(0.82)	ND(0.73)
bis(2-Chloroethoxy)methane		Not Listed	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
bis(2-Chloroethyl)ether		0.18	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
bis(2-Chloroisopropyl)ether		2.5	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
bis(2-Ethylhexyl)phthalate		32	ND(0.36)	ND(0.38)	ND(0.40)	ND(0.36)
Butylbenzylphthalate		930	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
Chrysene		56	4.3	2.0	ND(0.41)	1.5
Diallate		7.3	ND(0.74)	ND(0.77)	ND(0.82)	ND(0.73)
Dibenzo(a,h)anthracene		0.056	0.80	ND(0.44)	ND(0.41)	0.43
Dibenzofuran		210	0.41	ND(0.44)	ND(0.41)	ND(0.36)
Diethylphthalate		44,000	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
Dimethylphthalate		100,000	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
Di-n-Butylphthalate		5,500	0.51	ND(0.44)	ND(0.41)	ND(0.36)
Di-n-Octylphthalate		1,100	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
Dinoseb		55	NA	NA	NA	NA
Diphenylamine		1,400	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
Ethyl Methacrylate		140	NA	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
Fluoranthene		2,000	9.7	3.4	0.11 J	2.4
Fluorene		1,800	0.89	0.26 J	ND(0.41)	0.11 J
Hexachlorobenzene		0.28	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
Hexachlorobutadiene		5.7	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
Hexachlorocyclopentadiene		380	ND(0.37) J	ND(0.44) J	ND(0.41) J	ND(0.36) J
Hexachloroethane		32	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
Hexachlorophene		16	ND(0.74) J	ND(0.88) J	ND(0.82) J	ND(0.73) J
Hexachloropropene		Not Listed	ND(0.37) J	ND(0.44) J	ND(0.41) J	ND(0.36) J
Indeno(1,2,3-cd)pyrene		0.56	2.5	1.1	ND(0.41)	1.2
Isodrin		Not Listed	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
Isophorone		470	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
Isosafrole		Not Listed	ND(0.74)	ND(0.77)	ND(0.82)	ND(0.73)
Methapyrilene		55	ND(0.74)	ND(0.77)	ND(0.82)	ND(0.73)
Methyl Methanesulfonate		Not Listed	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
Naphthalene		55	0.50	0.13 J	ND(0.41)	0.075 J
Nitrobenzene		16	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
N-Nitrosodiethylamine		0.003	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
N-Nitrosodimethylamine		0.0087	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
N-Nitroso-di-n-butylamine		0.022	ND(0.74)	ND(0.77)	ND(0.82)	ND(0.73)
N-Nitroso-di-n-propylamine		0.063	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
N-Nitrosodiphenylamine		91	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
N-Nitrosomethylethylamine		0.02	ND(0.74)	ND(0.77)	ND(0.82)	ND(0.73)
N-Nitrosomorpholine		0.21	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
N-Nitrosopiperidine		0.21	ND(0.37) J	ND(0.44) J	ND(0.41) J	ND(0.36) J
N-Nitrosopyrrolidine		0.21	ND(0.74)	ND(0.77)	ND(0.82)	ND(0.73)
o,o,o-Triethylphosphorothioate		11	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
o-Toluidine		1.9	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
p-Dimethylaminoazobenzene		0.99	ND(0.74)	ND(0.77)	ND(0.82)	ND(0.73)
Pentachlorobenzene		44	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
Pentachloroethane		2.8	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
Pentachloronitrobenzene		1.7	ND(0.74) J	ND(0.77) J	ND(0.82) J	ND(0.73) J
Pentachlorophenol		2.5	ND(1.9)	ND(2.2)	ND(2.1)	ND(1.8)
Phenacetin		640	ND(0.74)	ND(0.77)	ND(0.82)	ND(0.73)
Phenanthrene		55	5.8	1.8	0.090 J	0.65
Phenol		33,000	ND(0.37)	0.67	ND(0.41)	ND(0.36)
Pronamide		4,100	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)

**TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-4-SB-3 RA-4-SB-3 0-1 06/11/03	PDI RA-4-SB-3 RA-4-SB-3 1-3 06/11/03	PDI RA-4-SB-7 RA-4-SB-7 0-1 06/11/03	PDI RA-4-SB-7 RA-4-SB-7 1-3 06/11/03
Semivolatile Organics (continue)						
Pyrene		1,500	8.4	3.3	0.10 J	2.4
Pyridine		55	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
Safrole		Not Listed	ND(0.37)	ND(0.44)	ND(0.41)	ND(0.36)
Sulfotep		27	NA	NA	NA	NA
Thionazin		330	ND(0.37) J	ND(0.44) J	ND(0.41) J	ND(0.36) J
Furans						
2,3,7,8-TCDF		Not Applicable	0.000053 Y	0.000073 Y	ND(0.0000012)	0.000050 Y
TCDFs (total)		Not Applicable	0.00049 I	0.00081 I	ND(0.0000012)	0.000036
1,2,3,7,8-PeCDF		Not Applicable	0.000022	0.000039	ND(0.0000047)	0.0000076
2,3,4,7,8-PeCDF		Not Applicable	0.000023	0.000035	ND(0.0000028)	0.0000078
PeCDFs (total)		Not Applicable	0.00038 I	0.00090 I	ND(0.0000032)	0.000056
1,2,3,4,7,8-HxCDF		Not Applicable	0.000041	0.000065	ND(0.0000050)	0.000014
1,2,3,6,7,8-HxCDF		Not Applicable	0.000027	0.000047	0.0000026	0.0000093
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.0000032)	0.0000023	ND(0.0000011)	0.0000053
2,3,4,6,7,8-HxCDF		Not Applicable	0.000014	0.000019	0.0000097	ND(0.0000063)
HxCDFs (total)		Not Applicable	0.00040 I	0.00073 I	0.000034	0.000076
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000089 J	0.00010 J	0.000023 J	0.000026 J
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.000012	0.000019	ND(0.0000085)	0.000010
HpCDFs (total)		Not Applicable	0.00020 J	0.00023 J	0.000040 J	0.000056 J
OCDF		Not Applicable	0.000054	0.000055	0.000014	0.000032
Dioxins						
2,3,7,8-TCDD		Not Applicable	ND(0.0000039)	ND(0.0000064)	ND(0.0000026)	ND(0.0000056)
TCDDs (total)		Not Applicable	0.000010	0.000042	ND(0.0000013)	ND(0.0000047)
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000020)	ND(0.0000042)	ND(0.0000011)	ND(0.0000018)
PeCDDs (total)		Not Applicable	ND(0.000058)	ND(0.0000040)	ND(0.000010)	ND(0.000016)
1,2,3,4,7,8-HxCDD		Not Applicable	0.000013	0.000030	0.000055	0.0000076
1,2,3,6,7,8-HxCDD		Not Applicable	0.000027	ND(0.0000010)	0.000011	0.0000072
1,2,3,7,8,9-HxCDD		Not Applicable	0.000024	ND(0.0000010)	0.0000091	ND(0.0000075)
HxCDDs (total)		Not Applicable	0.00012	0.00017	0.000057	0.000014
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.00030	0.00013	0.00013	0.000031
HpCDDs (total)		Not Applicable	0.00050	0.00025	0.00021	0.000055
OCDD		Not Applicable	0.0016	0.00052	0.00058	0.00022
Total TEQs (WHO TEFs)		Not Applicable	0.000038	0.000042	0.000066	0.000011

TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results are presented in dry weight parts per million, ppm)

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-4-SB-3 RA-4-SB-3 0-1 06/11/03	PDI RA-4-SB-3 RA-4-SB-3 1-3 06/11/03	PDI RA-4-SB-7 RA-4-SB-7 0-1 06/11/03	PDI RA-4-SB-7 RA-4-SB-7 1-3 06/11/03
Inorganics					
Aluminum	75,000	NA	NA	NA	NA
Antimony	30	ND(6.00)	1.10 B	ND(6.00)	ND(6.00)
Arsenic	0.38	7.50	7.00	3.30	5.50
Barium	5,200	46.0	82.0	38.0	26.0
Beryllium	150	0.250 B	0.270 B	0.330 B	0.220 B
Cadmium	37	0.0840 B	0.260 B	ND(0.500)	0.100 B
Calcium	Not Listed	NA	NA	NA	NA
Chromium	210	7.40	6.90	9.20	7.10
Cobalt	3,300	7.20	12.0	8.00	6.30
Copper	2,800	34.0	39.0	14.0	31.0
Iron	22,000	NA	NA	NA	NA
Lead	400	61.0 J	65.0 J	5.80 J	58.0 J
Magnesium	Not Listed	NA	NA	NA	NA
Manganese	3,100	NA	NA	NA	NA
Mercury	22	0.280	0.570	ND(0.120)	0.0560 B
Nickel	1,500	15.0 J	13.0 J	13.0 J	14.0 J
Potassium	Not Listed	NA	NA	NA	NA
Selenium	370	0.690 J	ND(1.00) J	ND(1.00) J	ND(1.00) J
Silver	370	ND(1.00)	0.500 B	ND(1.00)	ND(1.00)
Sodium	Not Listed	NA	NA	NA	NA
Thallium	6	ND(1.10) J	ND(1.10) J	ND(1.20) J	ND(1.10) J
Tin	45,000	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium	520	16.0	8.50	12.0	9.90
Zinc	22,000	87.0	62.0	41.0	72.0
Cyanide	11	0.200 J	0.210 J	0.0660 J	0.0700 J
Sulfide	350	19.0	26.0	670	16.0
Petroleum Hydrocarbons					
C9-C18 Aliphatic Hydrocarbons	Not Listed	NA	NA	NA	NA
C11-C22 Aromatic Hydrocarbons	Not Listed	NA	NA	NA	NA
C19-C36 Aliphatic Hydrocarbons	Not Listed	NA	NA	NA	NA
C5-C8 Aliphatic Hydrocarbons	Not Listed	NA	NA	NA	NA
C9-C10 Aromatic Hydrocarbons	Not Listed	NA	NA	NA	NA
C9-C12 Aliphatic Hydrocarbons	Not Listed	NA	NA	NA	NA

**TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-4-SB-10 RA-4-SB-10 0-1 06/11/03	PDI RA-4-SB-10 RA-4-SB-10 1-3 06/11/03	PDI RA-4-SB-13 RA-4-SB-13 0-1 06/12/03
Volatile Organics					
1,1,1,2-Tetrachloroethane		2.8	ND(0.0062)	ND(0.0058)	ND(0.0060)
1,1,1-Trichloroethane		680	ND(0.0062)	ND(0.0058)	ND(0.0060)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0062)	ND(0.0058)	ND(0.0060)
1,1,2-Trichloroethane		0.82	ND(0.0062)	ND(0.0058)	ND(0.0060)
1,1-Dichloroethane		570	ND(0.0062)	ND(0.0058)	ND(0.0060)
1,1-Dichloroethene		0.052	ND(0.0062)	ND(0.0058)	ND(0.0060)
1,2,3-Trichloropropane		0.0014	ND(0.0062)	ND(0.0058)	ND(0.0060)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0062)	ND(0.0058)	ND(0.0060)
1,2-Dibromoethane		0.0049	ND(0.0062)	ND(0.0058)	ND(0.0060)
1,2-Dichloroethane		0.34	ND(0.0062)	ND(0.0058)	ND(0.0060)
1,2-Dichloropropane		0.34	ND(0.0062)	ND(0.0058)	ND(0.0060)
1,4-Dioxane		40	ND(0.12) J	ND(0.12) J	ND(0.12) J
2-Butanone		6,900	ND(0.012)	ND(0.012)	ND(0.012)
2-Chloro-1,3-butadiene		3.6	ND(0.0062)	ND(0.0058)	ND(0.0060)
2-Chloroethylvinylether		0.18	ND(0.0062)	ND(0.0058)	ND(0.0060)
2-Hexanone		750	ND(0.012)	ND(0.012)	ND(0.012)
3-Chloropropene		2,700	ND(0.0062)	ND(0.0058)	ND(0.0060)
4-Methyl-2-pentanone		750	ND(0.012)	ND(0.012)	ND(0.012)
Acetone		1,400	ND(0.025)	ND(0.023)	ND(0.024)
Acetonitrile		200	ND(0.12) J	ND(0.12) J	ND(0.12) J
Acrolein		0.1	ND(0.12) J	ND(0.12) J	ND(0.12) J
Acrylonitrile		0.19	ND(0.0062)	ND(0.0058)	ND(0.0060)
Benzene		0.62	ND(0.0062)	ND(0.0058)	ND(0.0060)
Bromodichloromethane		0.98	ND(0.0062)	ND(0.0058)	ND(0.0060)
Bromoform		56	ND(0.0062)	ND(0.0058)	ND(0.0060)
Bromomethane		3.8	ND(0.0062)	ND(0.0058)	ND(0.0060)
Carbon Disulfide		350	ND(0.0062) J	ND(0.0058) J	ND(0.0060) J
Carbon Tetrachloride		0.23	ND(0.0062)	ND(0.0058)	ND(0.0060)
Chlorobenzene		54	ND(0.0062)	ND(0.0058)	ND(0.0060)
Chloroethane		1,600	ND(0.0062)	ND(0.0058)	ND(0.0060)
Chloroform		0.24	ND(0.0062)	ND(0.0058)	ND(0.0060)
Chloromethane		1.2	ND(0.0062)	ND(0.0058)	ND(0.0060)
cis-1,3-Dichloropropene		Not Listed	ND(0.0062)	ND(0.0058)	ND(0.0060)
Dibromochloromethane		5.3	ND(0.0062)	ND(0.0058)	ND(0.0060)
Dibromomethane		550	ND(0.0062)	ND(0.0058)	ND(0.0060)
Dichlorodifluoromethane		94	ND(0.0062)	ND(0.0058)	ND(0.0060)
Ethyl Methacrylate		140	ND(0.0062)	ND(0.0058)	ND(0.0060)
Ethylbenzene		230	ND(0.0062)	ND(0.0058)	ND(0.0060)
Iodomethane		1.2	ND(0.0062) J	ND(0.0058) J	ND(0.0060) J
Isobutanol		10,000	ND(0.12) J	ND(0.12) J	ND(0.12) J
Methacrylonitrile		1.8	ND(0.0062)	ND(0.0058)	ND(0.0060)
Methyl Methacrylate		2,200	ND(0.0062)	ND(0.0058)	ND(0.0060)
Methylene Chloride		8.5	ND(0.0062)	ND(0.0058)	ND(0.0060)
Propionitrile		200	ND(0.012)	ND(0.012)	ND(0.012)
Styrene		1,700	ND(0.0062)	ND(0.0058)	ND(0.0060)
Tetrachloroethene		4.7	ND(0.0062)	ND(0.0058)	ND(0.0060)
Toluene		520	ND(0.0062)	ND(0.0058)	ND(0.0060)
trans-1,2-Dichloroethene		62	ND(0.0062)	ND(0.0058)	ND(0.0060)
trans-1,3-Dichloropropene		Not Listed	ND(0.0062)	ND(0.0058)	ND(0.0060)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0062)	ND(0.0058)	ND(0.0060)
Trichloroethene		2.7	ND(0.0062)	ND(0.0058)	ND(0.0060)
Trichlorofluoromethane		380	ND(0.0062)	ND(0.0058)	ND(0.0060)
Vinyl Acetate		420	ND(0.0062)	ND(0.0058)	ND(0.0060)
Vinyl Chloride		0.021	ND(0.0062)	ND(0.0058)	ND(0.0060)
Xylenes (total)		210	ND(0.0062)	ND(0.0058)	ND(0.0060)

**TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-4-SB-10 RA-4-SB-10 0-1 06/11/03	PDI RA-4-SB-10 RA-4-SB-10 1-3 06/11/03	PDI RA-4-SB-13 RA-4-SB-13 0-1 06/12/03
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		16	ND(0.46)	ND(0.38)	ND(0.45)
1,2,4-Trichlorobenzene		480	ND(0.46)	ND(0.38)	ND(0.45)
1,2-Dichlorobenzene		370	ND(0.46)	ND(0.38)	ND(0.45)
1,2-Diphenylhydrazine		0.56	ND(0.46)	ND(0.38)	ND(0.45)
1,3,5-Trinitrobenzene		1,600	ND(0.46)	ND(0.38)	ND(0.45)
1,3-Dichlorobenzene		41	ND(0.46)	ND(0.38)	ND(0.45)
1,3-Dinitrobenzene		5.5	ND(0.84)	ND(0.77)	ND(0.80)
1,4-Dichlorobenzene		3	ND(0.46)	ND(0.38)	ND(0.45)
1,4-Naphthoquinone		55	ND(0.84) J	ND(0.77) J	ND(0.80)
1-Naphthylamine		Not Listed	ND(0.84)	ND(0.77)	ND(0.80)
2,3,4,6-Tetrachlorophenol		1,600	ND(0.46)	ND(0.38)	ND(0.45)
2,4,5-Trichlorophenol		5,500	ND(0.46)	ND(0.38)	ND(0.45)
2,4,6-Trichlorophenol		40	ND(0.46)	ND(0.38)	ND(0.45)
2,4-Dichlorophenol		160	ND(0.46)	ND(0.38)	ND(0.45)
2,4-Dimethylphenol		1,100	ND(0.46)	ND(0.38)	ND(0.45)
2,4-Dinitrophenol		110	ND(2.3) J	ND(2.0) J	ND(2.2) J
2,4-Dinitrotoluene		110	ND(0.46)	ND(0.38)	ND(0.45)
2,6-Dichlorophenol		160	ND(0.46)	ND(0.38)	ND(0.45)
2,6-Dinitrotoluene		55	ND(0.46)	ND(0.38)	ND(0.45)
2-Acetylaminofluorene		0.56	ND(0.84)	ND(0.77)	ND(0.80)
2-Chloronaphthalene		3,700	ND(0.46)	ND(0.38)	ND(0.45)
2-Chlorophenol		59	ND(0.46)	ND(0.38)	ND(0.45)
2-Methylnaphthalene		55	0.27 J	ND(0.38)	ND(0.45)
2-Methylphenol		2,700	ND(0.46)	0.21 J	ND(0.45)
2-Naphthylamine		Not Listed	ND(0.84)	ND(0.77)	ND(0.80)
2-Nitroaniline		3.3	ND(2.3)	ND(2.0)	ND(2.2)
2-Nitrophenol		Not Listed	ND(0.84)	ND(0.77)	ND(0.80)
2-Picoline		55	ND(0.46)	ND(0.38)	ND(0.45)
3&4-Methylphenol		270	ND(0.84)	ND(0.77)	ND(0.80)
3,3'-Dichlorobenzidine		0.99	ND(0.92)	ND(0.77)	ND(0.90)
3,3'-Dimethylbenzidine		0.048	ND(0.46)	ND(0.38)	ND(0.45)
3-Methylcholanthrene		0.056	ND(0.84)	ND(0.77)	ND(0.80)
3-Nitroaniline		5.5	ND(2.3)	ND(2.0)	ND(2.2)
4,6-Dinitro-2-methylphenol		55	ND(0.46)	ND(0.38)	ND(0.45)
4-Aminobiphenyl		1,400	ND(0.84)	ND(0.77)	ND(0.80)
4-Bromophenyl-phenylether		160	ND(0.46)	ND(0.38)	ND(0.45)
4-Chloro-3-Methylphenol		2,700	ND(0.46)	ND(0.38)	ND(0.45)
4-Chloroaniline		220	ND(0.46)	ND(0.38)	ND(0.45)
4-Chlorobenzilate		1.6	ND(0.84)	ND(0.77)	ND(0.80)
4-Chlorophenyl-phenylether		Not Listed	ND(0.46)	ND(0.38)	ND(0.45)
4-Methylphenol		270	NA	NA	NA
4-Nitroaniline		5.5	ND(2.1)	ND(2.0)	ND(2.0)
4-Nitrophenol		3,400	ND(2.3) J	ND(2.0) J	ND(2.2) J
4-Nitroquinoline-1-oxide		110	ND(0.84) J	ND(0.77) J	ND(0.80)
4-Phenylenediamine		10,000	ND(0.84)	ND(0.77)	ND(0.80)
5-Nitro-o-toluidine		13	ND(0.84)	ND(0.77)	ND(0.80)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.84)	ND(0.77)	ND(0.80)
a,a'-Dimethylphenethylamine		55	ND(0.84)	ND(0.77)	ND(0.80)
Acenaphthene		2,600	ND(0.46)	ND(0.38)	ND(0.45)
Acenaphthylene		55	2.0	0.31 J	0.11 J
Acetophenone		0.49	ND(0.46)	ND(0.38)	ND(0.45)
Aniline		78	1.1	ND(0.38)	ND(0.45)
Anthracene		14,000	1.5	0.12 J	ND(0.45)
Aramite		18	ND(0.84)	ND(0.77)	ND(0.80)
Azobenzene		4	NA	NA	NA
Benzidine		0.0019	ND(0.92)	ND(0.77)	ND(0.90)
Benzo(a)anthracene		0.56	3.6	0.22 J	0.34 J
Benzo(a)pyrene		0.056	4.0	0.30 J	0.33 J

**TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-4-SB-10 RA-4-SB-10 0-1 06/11/03	PDI RA-4-SB-10 RA-4-SB-10 1-3 06/11/03	PDI RA-4-SB-13 RA-4-SB-13 0-1 06/12/03
Semivolatle Organics (continue)					
Benzo(b)fluoranthene		0.56	5.3	0.35 J	0.27 J
Benzo(g,h,i)perylene		55	4.4	0.33 J	ND(0.45)
Benzo(k)fluoranthene		5.6	2.0	0.13 J	0.18 J
Benzoic Acid		100,000	NA	NA	NA
Benzyl Alcohol		16,000	ND(0.92)	ND(0.77)	ND(0.90)
bis(2-Chloroethoxy)methane		Not Listed	ND(0.46)	ND(0.38)	ND(0.45)
bis(2-Chloroethyl)ether		0.18	ND(0.46)	ND(0.38)	ND(0.45) J
bis(2-Chloroisopropyl)ether		2.5	ND(0.46)	ND(0.38)	ND(0.45) J
bis(2-Ethylhexyl)phthalate		32	ND(0.41)	ND(0.38)	ND(0.40)
Butylbenzylphthalate		930	ND(0.46)	ND(0.38)	ND(0.45)
Chrysene		56	4.3	0.25 J	0.45 J
Diallylate		7.3	ND(0.84)	ND(0.77)	ND(0.80)
Dibenzo(a,h)anthracene		0.056	0.99	ND(0.38)	ND(0.45)
Dibenzofuran		210	ND(0.46)	ND(0.38)	ND(0.45)
Diethylphthalate		44,000	ND(0.46)	ND(0.38)	ND(0.45)
Dimethylphthalate		100,000	ND(0.46)	ND(0.38)	ND(0.45)
Di-n-Butylphthalate		5,500	0.68	ND(0.38)	ND(0.45)
Di-n-Octylphthalate		1,100	ND(0.46)	ND(0.38)	ND(0.45)
Dinoseb		55	NA	NA	NA
Diphenylamine		1,400	ND(0.46)	ND(0.38)	ND(0.45)
Ethyl Methacrylate		140	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(0.46)	ND(0.38)	ND(0.45)
Fluoranthene		2,000	8.3	0.44	0.89
Fluorene		1,800	0.30 J	ND(0.38)	ND(0.45)
Hexachlorobenzene		0.28	ND(0.46)	ND(0.38)	ND(0.45)
Hexachlorobutadiene		5.7	ND(0.46)	ND(0.38)	ND(0.45)
Hexachlorocyclopentadiene		380	ND(0.46) J	ND(0.38) J	ND(0.45) J
Hexachloroethane		32	ND(0.46)	ND(0.38)	ND(0.45)
Hexachlorophene		16	ND(0.92) J	ND(0.77) J	ND(0.90) J
Hexachloropropene		Not Listed	ND(0.46) J	ND(0.38) J	ND(0.45) J
Indeno(1,2,3-cd)pyrene		0.56	3.3	0.22 J	ND(0.45)
Isodrin		Not Listed	ND(0.46)	ND(0.38)	ND(0.45)
Isophorone		470	ND(0.46)	ND(0.38)	ND(0.45)
Isosafrole		Not Listed	ND(0.84)	ND(0.77)	ND(0.80)
Methapyrilene		55	ND(0.84)	ND(0.77)	ND(0.80)
Methyl Methanesulfonate		Not Listed	ND(0.46)	ND(0.38)	ND(0.45)
Naphthalene		55	0.31 J	ND(0.38)	ND(0.45)
Nitrobenzene		16	ND(0.46)	ND(0.38)	ND(0.45)
N-Nitrosodiethylamine		0.003	ND(0.46)	ND(0.38)	ND(0.45)
N-Nitrosodimethylamine		0.0087	ND(0.46)	ND(0.38)	ND(0.45)
N-Nitroso-di-n-butylamine		0.022	ND(0.84)	ND(0.77)	ND(0.80)
N-Nitroso-di-n-propylamine		0.063	ND(0.46)	ND(0.38)	ND(0.45)
N-Nitrosodiphenylamine		91	ND(0.46)	ND(0.38)	ND(0.45)
N-Nitrosomethylethylamine		0.02	ND(0.84)	ND(0.77)	ND(0.80)
N-Nitrosomorpholine		0.21	ND(0.46)	ND(0.38)	ND(0.45)
N-Nitrosopiperidine		0.21	ND(0.46) J	ND(0.38) J	ND(0.45)
N-Nitrosopyrrolidine		0.21	ND(0.84)	ND(0.77)	ND(0.80)
o,o,o-Triethylphosphorothioate		11	ND(0.46)	ND(0.38)	ND(0.45)
o-Toluidine		1.9	ND(0.46)	ND(0.38)	ND(0.45)
p-Dimethylaminoazobenzene		0.99	ND(0.84)	ND(0.77)	ND(0.80)
Pentachlorobenzene		44	ND(0.46)	ND(0.38)	ND(0.45)
Pentachloroethane		2.8	ND(0.46)	ND(0.38)	ND(0.45)
Pentachloronitrobenzene		1.7	ND(0.84) J	ND(0.77) J	ND(0.80) J
Pentachlorophenol		2.5	ND(2.3)	ND(2.0)	ND(2.2)
Phenacetin		640	ND(0.84)	ND(0.77)	ND(0.80)
Phenanthrene		55	2.8	0.18 J	0.45
Phenol		33,000	ND(0.46)	0.75	ND(0.45)
Pronamide		4,100	ND(0.46)	ND(0.38)	ND(0.45)

TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-4-SB-10 RA-4-SB-10 0-1 06/11/03	PDI RA-4-SB-10 RA-4-SB-10 1-3 06/11/03	PDI RA-4-SB-13 RA-4-SB-13 0-1 06/12/03
Parameter				
Semivolatile Organics (continue)				
Pyrene	1,500	7.5	0.46	0.86
Pyridine	55	ND(0.46)	ND(0.38)	ND(0.45)
Safrole	Not Listed	ND(0.46)	ND(0.38)	ND(0.45)
Sulfotep	27	NA	NA	NA
Thionazin	330	ND(0.46) J	ND(0.38) J	ND(0.45)
Furans				
2,3,7,8-TCDF	Not Applicable	0.00019 Y	0.000025 Y	ND(0.000021) Y
TCDFs (total)	Not Applicable	0.0017 I	0.00028 I	0.00045
1,2,3,7,8-PeCDF	Not Applicable	0.000098	0.000020	0.000015
2,3,4,7,8-PeCDF	Not Applicable	0.000096	0.000018	0.000011
PeCDFs (total)	Not Applicable	0.0020 I	0.00041 I	0.00024
1,2,3,4,7,8-HxCDF	Not Applicable	0.00016	0.000033	0.00021 I
1,2,3,6,7,8-HxCDF	Not Applicable	0.00010	0.000031	0.0000078
1,2,3,7,8,9-HxCDF	Not Applicable	ND(0.000021)	0.0000088	ND(0.000016)
2,3,4,6,7,8-HxCDF	Not Applicable	0.000064	0.000014	ND(0.000080) X
HxCDFs (total)	Not Applicable	0.0021 I	0.00035 I	0.00047
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.00035 J	0.000062 J	0.000046
1,2,3,4,7,8,9-HpCDF	Not Applicable	0.000045	0.000020	0.0000052
HpCDFs (total)	Not Applicable	0.00085 J	0.00013 J	0.000052
OCDF	Not Applicable	0.00030	0.000062	0.000053
Dioxins				
2,3,7,8-TCDD	Not Applicable	0.0000042	0.0000019	ND(0.0000012)
TCDDs (total)	Not Applicable	0.000030	0.0000067	ND(0.0000012)
1,2,3,7,8-PeCDD	Not Applicable	ND(0.0000028)	0.0000096	ND(0.0000040)
PeCDDs (total)	Not Applicable	ND(0.000010)	0.0000096	ND(0.0000040)
1,2,3,4,7,8-HxCDD	Not Applicable	0.000099	0.000012	ND(0.0000030)
1,2,3,6,7,8-HxCDD	Not Applicable	0.000022	0.000012	ND(0.0000027)
1,2,3,7,8,9-HxCDD	Not Applicable	0.000020	0.000011	ND(0.0000027)
HxCDDs (total)	Not Applicable	0.00020	0.000043	ND(0.0000027)
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.00053	0.000041	0.000076
HpCDDs (total)	Not Applicable	0.0011	0.000075	0.00016
OCDD	Not Applicable	0.0029	0.00021	0.00045
Total TEQs (WHO TEFs)	Not Applicable	0.00012	0.000037	0.000034

**TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-4-SB-10 RA-4-SB-10 0-1 06/11/03	PDI RA-4-SB-10 RA-4-SB-10 1-3 06/11/03	PDI RA-4-SB-13 RA-4-SB-13 0-1 06/12/03
Inorganics					
Aluminum		75,000	NA	NA	NA
Antimony		30	1.80 B	ND(6.00)	1.70 B
Arsenic		0.38	8.80	9.60	5.20
Barium		5,200	67.0	51.0	39.0
Beryllium		150	0.300 B	0.440 B	0.210 B
Cadmium		37	1.30	ND(0.500)	0.220 B
Calcium		Not Listed	NA	NA	NA
Chromium		210	12.0	10.0	8.10
Cobalt		3,300	30.0	14.0	6.80
Copper		2,800	120	29.0	28.0
Iron		22,000	NA	NA	NA
Lead		400	370 J	24.0 J	82.0
Magnesium		Not Listed	NA	NA	NA
Manganese		3,100	NA	NA	NA
Mercury		22	0.550	0.0640 B	0.730
Nickel		1,500	52.0 J	26.0 J	12.0
Potassium		Not Listed	NA	NA	NA
Selenium		370	1.10 J	0.780 J	ND(1.20) J
Silver		370	0.320 B	ND(1.00)	ND(1.00)
Sodium		Not Listed	NA	NA	NA
Thallium		6	ND(1.20) J	ND(1.20) J	6.20 J
Tin		45,000	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium		520	25.0	10.0	11.0
Zinc		22,000	310	150	84.0
Cyanide		11	0.400 J	0.0550 J	0.480
Sulfide		350	560	28.0	7.70
Petroleum Hydrocarbons					
C9-C18 Aliphatic Hydrocarbons		Not Listed	NA	NA	NA
C11-C22 Aromatic Hydrocarbons		Not Listed	NA	NA	NA
C19-C36 Aliphatic Hydrocarbons		Not Listed	NA	NA	NA
C5-C8 Aliphatic Hydrocarbons		Not Listed	NA	NA	NA
C9-C10 Aromatic Hydrocarbons		Not Listed	NA	NA	NA
C9-C12 Aliphatic Hydrocarbons		Not Listed	NA	NA	NA

**TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-4-SB-13 RA-4-SB-13 1-3 06/12/03	PDI SL-PILOTBANK-1 SL-PILOTBANK-1 2-4 07/12/07	PDI SL-PILOTBANK-3 SL-PILOTBANK-3 1-4 07/12/07	PDI SL-PILOTBANK-3 SL-PILOTBANK-3 2-4 07/12/07
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0058)	ND(0.10)	NA	ND(0.0038)
1,1,1-Trichloroethane		680	ND(0.0058)	ND(0.10)	NA	ND(0.0038)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0058)	ND(0.10)	NA	ND(0.0038)
1,1,2-Trichloroethane		0.82	ND(0.0058)	ND(0.10)	NA	ND(0.0038)
1,1-Dichloroethane		570	ND(0.0058)	ND(0.10)	NA	ND(0.0038)
1,1-Dichloroethene		0.052	ND(0.0058)	ND(0.10)	NA	ND(0.0038)
1,2,3-Trichloropropane		0.0014	ND(0.0058)	ND(0.10)	NA	ND(0.0038)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0058)	ND(0.52) J	NA	ND(0.019)
1,2-Dibromoethane		0.0049	ND(0.0058)	ND(0.10)	NA	ND(0.0038)
1,2-Dichloroethane		0.34	ND(0.0058)	ND(0.10)	NA	ND(0.0038)
1,2-Dichloropropane		0.34	ND(0.0058)	ND(0.10)	NA	ND(0.0038)
1,4-Dioxane		40	ND(0.12) J	ND(10) J	NA	ND(3.8) J
2-Butanone		6,900	ND(0.012)	ND(0.52)	NA	ND(0.0038)
2-Chloro-1,3-butadiene		3.6	ND(0.0058)	ND(0.10)	NA	ND(0.0038)
2-Chloroethylvinylether		0.18	ND(0.0058)	ND(1.3) J	NA	ND(0.019) J
2-Hexanone		750	ND(0.012)	ND(0.52)	NA	ND(0.0038)
3-Chloropropene		2,700	ND(0.0058)	ND(0.10) J	NA	ND(0.0038)
4-Methyl-2-pentanone		750	ND(0.012)	ND(0.52)	NA	ND(0.0038) J
Acetone		1,400	ND(0.023)	ND(0.52)	NA	0.035
Acetonitrile		200	ND(0.12) J	ND(2.1) J	NA	ND(0.77) J
Acrolein		0.1	ND(0.12) J	ND(2.6) J	NA	ND(0.047)
Acrylonitrile		0.19	ND(0.0058)	ND(2.6) J	NA	ND(0.038)
Benzene		0.62	ND(0.0058)	0.53	NA	ND(0.0038)
Bromodichloromethane		0.98	ND(0.0058)	ND(0.10)	NA	ND(0.0038)
Bromoform		56	ND(0.0058)	ND(0.10)	NA	ND(0.0038)
Bromomethane		3.8	ND(0.0058)	ND(0.10) J	NA	ND(0.0038)
Carbon Disulfide		350	ND(0.0058) J	ND(0.10)	NA	0.0092 J
Carbon Tetrachloride		0.23	ND(0.0058)	ND(0.10)	NA	ND(0.0038)
Chlorobenzene		54	ND(0.0058)	0.089 J	NA	ND(0.0038)
Chloroethane		1,600	ND(0.0058)	ND(0.10)	NA	ND(0.0038)
Chloroform		0.24	ND(0.0058)	ND(0.10)	NA	ND(0.0038)
Chloromethane		1.2	ND(0.0058)	ND(0.10)	NA	ND(0.0038)
cis-1,3-Dichloropropene		Not Listed	ND(0.0058)	ND(0.10)	NA	ND(0.0038)
Dibromochloromethane		5.3	ND(0.0058)	ND(0.10)	NA	ND(0.0038)
Dibromomethane		550	ND(0.0058)	ND(0.10) J	NA	ND(0.0038)
Dichlorodifluoromethane		94	ND(0.0058)	ND(0.10)	NA	ND(0.0038)
Ethyl Methacrylate		140	ND(0.0058)	ND(0.10)	NA	ND(0.0038)
Ethylbenzene		230	ND(0.0058)	0.36	NA	ND(0.0038)
Iodomethane		1.2	ND(0.0058) J	ND(0.10)	NA	ND(0.0038)
Isobutanol		10,000	ND(0.12) J	ND(5.2) J	NA	ND(1.9) J
Methacrylonitrile		1.8	ND(0.0058)	ND(1.0)	NA	ND(0.38)
Methyl Methacrylate		2,200	ND(0.0058)	ND(0.10)	NA	ND(0.0038)
Methylene Chloride		8.5	ND(0.0058)	0.26 J	NA	ND(0.0038) J
Propionitrile		200	ND(0.012)	ND(2.1) J	NA	ND(0.77) J
Styrene		1,700	ND(0.0058)	ND(0.10)	NA	ND(0.0038)
Tetrachloroethene		4.7	ND(0.0058)	0.99	NA	ND(0.0038)
Toluene		520	ND(0.0058)	1.1	NA	ND(0.0038)
trans-1,2-Dichloroethene		62	ND(0.0058)	0.13	NA	ND(0.0038)
trans-1,3-Dichloropropene		Not Listed	ND(0.0058)	ND(0.10)	NA	ND(0.0038)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0058)	ND(0.52)	NA	ND(0.0082)
Trichloroethene		2.7	ND(0.0058)	0.64	NA	ND(0.0038)
Trichlorofluoromethane		380	ND(0.0058)	ND(0.10)	NA	ND(0.0038)
Vinyl Acetate		420	ND(0.0058)	ND(0.26)	NA	ND(0.0077)
Vinyl Chloride		0.021	ND(0.0058)	ND(0.10)	NA	ND(0.0038)
Xylenes (total)		210	ND(0.0058)	1.7	NA	ND(0.0038)

TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-4-SB-13 RA-4-SB-13 1-3 06/12/03	PDI SL-PILOTBANK-1 SL-PILOTBANK-1 2-4 07/12/07	PDI SL-PILOTBANK-3 SL-PILOTBANK-3 1-4 07/12/07	PDI SL-PILOTBANK-3 SL-PILOTBANK-3 2-4 07/12/07
Semivolatle Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.39)	ND(4.4)	ND(1.9)	NA
1,2,4-Trichlorobenzene		480	ND(0.39)	ND(4.4)	ND(1.9)	NA
1,2-Dichlorobenzene		370	ND(0.39)	ND(4.4)	ND(1.9)	NA
1,2-Diphenylhydrazine		0.56	ND(0.39)	ND(4.4)	ND(1.9)	NA
1,3,5-Trinitrobenzene		1,600	ND(0.39)	ND(22)	ND(9.6)	NA
1,3-Dichlorobenzene		41	ND(0.39)	0.96 J	ND(1.9)	NA
1,3-Dinitrobenzene		5.5	ND(0.78)	ND(4.4)	ND(1.9)	NA
1,4-Dichlorobenzene		3	ND(0.39)	1.7 J	ND(1.9)	NA
1,4-Naphthoquinone		55	ND(0.78)	ND(4.4)	ND(1.9)	NA
1-Naphthylamine		Not Listed	ND(0.78)	ND(22) J	ND(9.6) J	NA
2,3,4,6-Tetrachlorophenol		1,600	ND(0.39)	ND(4.4)	ND(1.9)	NA
2,4,5-Trichlorophenol		5,500	ND(0.39)	ND(4.4)	ND(1.9)	NA
2,4,6-Trichlorophenol		40	ND(0.39)	ND(4.4)	ND(1.9)	NA
2,4-Dichlorophenol		160	ND(0.39)	ND(4.4)	ND(1.9)	NA
2,4-Dimethylphenol		1,100	ND(0.39)	ND(4.4)	ND(1.9)	NA
2,4-Dinitrophenol		110	ND(2.0) J	ND(22)	ND(9.6)	NA
2,4-Dinitrotoluene		110	ND(0.39)	ND(4.4)	ND(1.9)	NA
2,6-Dichlorophenol		160	ND(0.39)	ND(4.4)	ND(1.9)	NA
2,6-Dinitrotoluene		55	ND(0.39)	ND(4.4)	ND(1.9)	NA
2-Acetylaminofluorene		0.56	ND(0.78)	ND(8.7)	ND(3.8)	NA
2-Chloronaphthalene		3,700	ND(0.39)	2.2 J	ND(1.9)	NA
2-Chlorophenol		59	ND(0.39)	ND(4.4)	ND(1.9)	NA
2-Methylnaphthalene		55	ND(0.39)	ND(4.4)	ND(1.9)	NA
2-Methylphenol		2,700	ND(0.39)	ND(4.4)	ND(1.9)	NA
2-Naphthylamine		Not Listed	ND(0.78)	ND(22) J	ND(9.6) J	NA
2-Nitroaniline		3.3	ND(2.0)	ND(4.4)	ND(1.9)	NA
2-Nitrophenol		Not Listed	ND(0.78)	ND(4.4)	ND(1.9)	NA
2-Picoline		55	ND(0.39)	ND(4.4)	ND(1.9)	NA
3&4-Methylphenol		270	ND(0.78)	ND(4.4)	ND(1.9)	NA
3,3'-Dichlorobenzidine		0.99	ND(0.78)	R	R	NA
3,3'-Dimethylbenzidine		0.048	ND(0.39)	ND(22)	ND(9.6)	NA
3-Methylcholanthrene		0.056	ND(0.78)	ND(4.4)	ND(1.9)	NA
3-Nitroaniline		5.5	ND(2.0)	ND(22)	ND(9.6)	NA
4,6-Dinitro-2-methylphenol		55	ND(0.39)	ND(22)	ND(9.6)	NA
4-Aminobiphenyl		1,400	ND(0.78)	ND(4.4)	ND(1.9)	NA
4-Bromophenyl-phenylether		160	ND(0.39)	ND(4.4)	ND(1.9)	NA
4-Chloro-3-Methylphenol		2,700	ND(0.39)	ND(4.4)	ND(1.9)	NA
4-Chloroaniline		220	ND(0.39)	ND(22)	ND(9.6)	NA
4-Chlorobenzilate		1.6	ND(0.78)	ND(4.4)	ND(1.9)	NA
4-Chlorophenyl-phenylether		Not Listed	ND(0.39)	ND(4.4)	ND(1.9)	NA
4-Methylphenol		270	NA	NA	NA	NA
4-Nitroaniline		5.5	ND(2.0)	ND(22)	ND(9.6)	NA
4-Nitrophenol		3,400	ND(2.0) J	ND(22)	ND(9.6)	NA
4-Nitroquinoline-1-oxide		110	ND(0.78)	ND(22) J	ND(9.6) J	NA
4-Phenylenediamine		10,000	ND(0.78)	ND(8.7) J	ND(3.8) J	NA
5-Nitro-o-toluidine		13	ND(0.78)	ND(4.4)	ND(1.9)	NA
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.78)	ND(4.4)	ND(1.9)	NA
a,a'-Dimethylphenethylamine		55	ND(0.78)	ND(22) J	ND(9.6) J	NA
Acenaphthene		2,600	ND(0.39)	3.0 J	ND(1.9)	NA
Acenaphthylene		55	0.098 J	ND(4.4)	ND(1.9)	NA
Acetophenone		0.49	ND(0.39)	ND(4.4)	ND(1.9)	NA
Aniline		78	ND(0.39)	7.6	ND(1.9)	NA
Anthracene		14,000	ND(0.39)	5.9	ND(1.9)	NA
Aramite		18	ND(0.78)	ND(4.4) J	ND(1.9) J	NA
Azobenzene		4	NA	NA	NA	NA
Benzidine		0.0019	ND(0.78) J	ND(8.7) J	ND(3.8) J	NA
Benzo(a)anthracene		0.56	0.12 J	11	ND(1.9)	NA
Benzo(a)pyrene		0.056	ND(0.39)	8.9	0.35 J	NA

TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-4-SB-13 RA-4-SB-13 1-3 06/12/03	PDI SL-PILOTBANK-1 SL-PILOTBANK-1 2-4 07/12/07	PDI SL-PILOTBANK-3 SL-PILOTBANK-3 1-4 07/12/07	PDI SL-PILOTBANK-3 SL-PILOTBANK-3 2-4 07/12/07
Semivolatile Organics (continue)						
Benzo(b)fluoranthene		0.56	0.15 J	11	0.40 J	NA
Benzo(g,h,i)perylene		55	ND(0.39)	6.9	ND(1.9)	NA
Benzo(k)fluoranthene		5.6	ND(0.39)	4.0 J	ND(1.9)	NA
Benzoic Acid		100,000	NA	NA	NA	NA
Benzyl Alcohol		16,000	ND(0.78)	ND(8.7)	ND(3.8)	NA
bis(2-Chloroethoxy)methane		Not Listed	ND(0.39)	ND(4.4)	ND(1.9)	NA
bis(2-Chloroethyl)ether		0.18	ND(0.39)	ND(4.4)	ND(1.9)	NA
bis(2-Chloroisopropyl)ether		2.5	ND(0.39)	ND(4.4)	ND(1.9)	NA
bis(2-Ethylhexyl)phthalate		32	ND(0.39)	3.0 J	ND(1.9)	NA
Butylbenzylphthalate		930	ND(0.39)	ND(4.4)	ND(1.9)	NA
Chrysene		56	0.15 J	16	0.52 J	NA
Diallate		7.3	ND(0.78)	ND(4.4)	ND(1.9)	NA
Dibenzo(a,h)anthracene		0.056	ND(0.39)	ND(4.4)	ND(1.9)	NA
Dibenzofuran		210	ND(0.39)	1.1 J	ND(1.9)	NA
Diethylphthalate		44,000	ND(0.39)	ND(4.4)	ND(1.9)	NA
Dimethylphthalate		100,000	ND(0.39)	ND(4.4)	ND(1.9)	NA
Di-n-Butylphthalate		5,500	ND(0.39)	6.2	ND(1.9)	NA
Di-n-Octylphthalate		1,100	ND(0.39)	ND(4.4)	ND(1.9)	NA
Dinoseb		55	NA	NA	NA	NA
Diphenylamine		1,400	ND(0.39)	ND(4.4)	ND(1.9)	NA
Ethyl Methacrylate		140	NA	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(0.39)	ND(4.4)	ND(1.9)	NA
Fluoranthene		2,000	0.30 J	23	0.56 J	NA
Fluorene		1,800	ND(0.39)	4.7	ND(1.9)	NA
Hexachlorobenzene		0.28	ND(0.39)	ND(4.4)	ND(1.9)	NA
Hexachlorobutadiene		5.7	ND(0.39)	ND(4.4)	ND(1.9)	NA
Hexachlorocyclopentadiene		380	ND(0.39) J	ND(8.7)	ND(3.8)	NA
Hexachloroethane		32	ND(0.39)	ND(4.4)	ND(1.9)	NA
Hexachlorophene		16	ND(0.78) J	ND(4.4)	ND(1.9) J	NA
Hexachloropropene		Not Listed	ND(0.39)	ND(8.7)	ND(3.8)	NA
Indeno(1,2,3-cd)pyrene		0.56	0.12 J	7.4 J	ND(1.9)	NA
Isodrin		Not Listed	ND(0.39)	ND(4.4)	ND(1.9)	NA
Isophorone		470	ND(0.39)	ND(4.4)	ND(1.9)	NA
Isosafrole		Not Listed	ND(0.78)	ND(4.4)	ND(1.9)	NA
Methapyrilene		55	ND(0.78)	ND(4.4)	ND(1.9)	NA
Methyl Methanesulfonate		Not Listed	ND(0.39)	ND(4.4)	ND(1.9)	NA
Naphthalene		55	ND(0.39)	2.2 J	ND(1.9)	NA
Nitrobenzene		16	ND(0.39)	ND(4.4)	ND(1.9)	NA
N-Nitrosodiethylamine		0.003	ND(0.39)	ND(4.4)	ND(1.9)	NA
N-Nitrosodimethylamine		0.0087	ND(0.39)	ND(4.4)	ND(1.9)	NA
N-Nitroso-di-n-butylamine		0.022	ND(0.78)	ND(4.4)	ND(1.9)	NA
N-Nitroso-di-n-propylamine		0.063	ND(0.39)	ND(4.4)	ND(1.9)	NA
N-Nitrosodiphenylamine		91	ND(0.39)	NA	NA	NA
N-Nitrosomethylethylamine		0.02	ND(0.78)	ND(4.4)	ND(1.9)	NA
N-Nitrosomorpholine		0.21	ND(0.39)	ND(4.4)	ND(1.9)	NA
N-Nitrosopiperidine		0.21	ND(0.39)	ND(4.4)	ND(1.9)	NA
N-Nitrosopyrrolidine		0.21	ND(0.78)	ND(4.4)	ND(1.9)	NA
o,o,o-Triethylphosphorothioate		11	ND(0.39)	ND(4.4)	ND(1.9)	NA
o-Toluidine		1.9	ND(0.39)	ND(4.4)	ND(1.9)	NA
p-Dimethylaminoazobenzene		0.99	ND(0.78)	ND(4.4)	ND(1.9)	NA
Pentachlorobenzene		44	ND(0.39)	ND(4.4)	ND(1.9)	NA
Pentachloroethane		2.8	ND(0.39)	ND(4.4)	ND(1.9)	NA
Pentachloronitrobenzene		1.7	ND(0.78) J	ND(4.4)	ND(1.9)	NA
Pentachlorophenol		2.5	ND(2.0)	ND(22)	ND(9.6)	NA
Phenacetin		640	ND(0.78)	ND(4.4)	ND(1.9)	NA
Phenanthrene		55	0.14 J	25	0.33 J	NA
Phenol		33,000	ND(0.39)	ND(4.4)	ND(1.9)	NA
Pronamide		4,100	ND(0.39)	ND(4.4)	ND(1.9)	NA

**TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	PDI RA-4-SB-13 RA-4-SB-13 1-3 06/12/03	PDI SL-PILOTBANK-1 SL-PILOTBANK-1 2-4 07/12/07	PDI SL-PILOTBANK-3 SL-PILOTBANK-3 1-4 07/12/07	PDI SL-PILOTBANK-3 SL-PILOTBANK-3 2-4 07/12/07
Semivolatile Organics (continue)					
Pyrene	1,500	0.28 J	22	0.73 J	NA
Pyridine	55	ND(0.39)	ND(4.4)	ND(1.9)	NA
Safrole	Not Listed	ND(0.39)	ND(4.4)	ND(1.9)	NA
Sulfotep	27	NA	NA	NA	NA
Thionazin	330	ND(0.39) J	ND(8.7)	ND(3.8)	NA
Furans					
2,3,7,8-TCDF	Not Applicable	ND(0.000020) Y	NA	NA	NA
TCDFs (total)	Not Applicable	0.00014	NA	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	ND(0.000063) X	NA	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	ND(0.000048) X	NA	NA	NA
PeCDFs (total)	Not Applicable	0.000035	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	0.000086 I	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	0.0000054	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	ND(0.0000011)	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	ND(0.00000092)	NA	NA	NA
HxCDFs (total)	Not Applicable	0.00014	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.000045	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	ND(0.0000013)	NA	NA	NA
HpCDFs (total)	Not Applicable	0.000045	NA	NA	NA
OCDF	Not Applicable	0.00020	NA	NA	NA
Dioxins					
2,3,7,8-TCDD	Not Applicable	ND(0.0000011)	NA	NA	NA
TCDDs (total)	Not Applicable	ND(0.0000011)	NA	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	ND(0.0000039)	NA	NA	NA
PeCDDs (total)	Not Applicable	ND(0.0000039)	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	ND(0.0000024)	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	0.0000087	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	0.0000066	NA	NA	NA
HxCDDs (total)	Not Applicable	0.000015	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.00018	NA	NA	NA
HpCDDs (total)	Not Applicable	0.00030	NA	NA	NA
OCDD	Not Applicable	0.0011	NA	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	0.000018	NA	NA	NA

TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results are presented in dry weight parts per million, ppm)

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-4-SB-13 RA-4-SB-13 1-3 06/12/03	PDI SL-PILOTBANK-1 SL-PILOTBANK-1 2-4 07/12/07	PDI SL-PILOTBANK-3 SL-PILOTBANK-3 1-4 07/12/07	PDI SL-PILOTBANK-3 SL-PILOTBANK-3 2-4 07/12/07
Inorganics					
Aluminum	75,000	NA	NA	NA	NA
Antimony	30	1.10 B	NA	NA	NA
Arsenic	0.38	8.90	NA	NA	NA
Barium	5,200	36.0	NA	NA	NA
Beryllium	150	0.430 B	NA	NA	NA
Cadmium	37	ND(0.500)	NA	NA	NA
Calcium	Not Listed	NA	NA	NA	NA
Chromium	210	9.40	NA	NA	NA
Cobalt	3,300	13.0	NA	NA	NA
Copper	2,800	26.0	NA	NA	NA
Iron	22,000	NA	NA	NA	NA
Lead	400	28.0	NA	NA	NA
Magnesium	Not Listed	NA	NA	NA	NA
Manganese	3,100	NA	NA	NA	NA
Mercury	22	0.0590 B	NA	NA	NA
Nickel	1,500	24.0	NA	NA	NA
Potassium	Not Listed	NA	NA	NA	NA
Selenium	370	ND(1.20) J	NA	NA	NA
Silver	370	ND(1.00)	NA	NA	NA
Sodium	Not Listed	NA	NA	NA	NA
Thallium	6	6.60 J	NA	NA	NA
Tin	45,000	ND(10.0)	NA	NA	NA
Vanadium	520	9.50	NA	NA	NA
Zinc	22,000	76.0	NA	NA	NA
Cyanide	11	0.470	NA	NA	NA
Sulfide	350	ND(5.80)	NA	NA	NA
Petroleum Hydrocarbons					
C9-C18 Aliphatic Hydrocarbons	Not Listed	NA	6,500	920	NA
C11-C22 Aromatic Hydrocarbons	Not Listed	NA	2,700	840	NA
C19-C36 Aliphatic Hydrocarbons	Not Listed	NA	20,000	1,900	NA
C5-C8 Aliphatic Hydrocarbons	Not Listed	NA	ND(10)	NA	ND(10)
C9-C10 Aromatic Hydrocarbons	Not Listed	NA	39	NA	ND(10)
C9-C12 Aliphatic Hydrocarbons	Not Listed	NA	45	NA	ND(10)

**TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Data Types: PDI = GE Pre-Design Investigation soil sampling; Historical = GE Historical soil sampling; EPA = EPA soil sampling.
3. PDI Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
4. NA - Not Analyzed.
5. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
6. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
7. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- B - Analyte was also detected in the associated method blank.
- E - Analyte exceeded calibration range.
- J - Estimated Value.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- 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 - Estimated Value.

TABLE E-138
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
RECREATIONAL AREA 4 (RA-4)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Analytical Parameter	Maximum Detect	USEPA EPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Semivolatile Organics			
2,4-Dimethylphenol	2	1,100	No
2-Methylnaphthalene	0.28	55*	No
2-Methylphenol	3.2	2,700	No
3&4-Methylphenol	2.5	270	No
4-Methylphenol	1.5	270	No
Acenaphthene	3.7	2,600	No
Acenaphthylene	2.8	55*	No
Aniline	12	78	No
Anthracene	9.1	14,000	No
Benzo(a)anthracene	28	0.56	Yes
Benzo(a)pyrene	24	0.056	Yes
Benzo(b)fluoranthene	27	0.56	Yes
Benzo(g,h,i)perylene	18	55*	No
Benzo(k)fluoranthene	11	5.6	Yes
bis(2-Ethylhexyl)phthalate	0.12	32	No
Chrysene	24	56	No
Dibenzo(a,h)anthracene	3.1	0.056	Yes
Dibenzofuran	1.5	210	No
Di-n-Butylphthalate	7.3	5,500	No
Fluoranthene	45	2,000	No
Fluorene	2.8	1,800	No
Indeno(1,2,3-cd)pyrene	16	0.56	Yes
Naphthalene	2.6	55	No
o-Toluidine	1.6	1.9	No
Phenanthrene	33	55*	No
Phenol	9.6	33,000	No
Pyrene	54	1,500	No
Inorganics			
Antimony	1.8	30	No
Arsenic	15.9	0.38	Yes
Barium	82	5,200	No
Beryllium	0.57	150	No
Cadmium	1.3	37	No
Chromium	18.2	210	No
Cobalt	30	3,300	No
Copper	141	2,800	No
Cyanide	0.48	11*	No
Lead	370	400	No
Mercury	0.79	22	No
Nickel	52	1,500	No
Selenium	1.1	370	No
Silver	1.2	370	No
Sulfide	670	350*	Yes
Thallium	6.6	6	Yes
Tin	7.2	45,000	No
Vanadium	30.8	520	No
Zinc	310	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.

TABLE E-139
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 4 (RA-4): 0- TO 1-FOOT DEPTH INCREMENT

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	SLB-4BB 0-0.5 01/19/95	SLB-4TB 0-0.5 10/11/95	RA-4-SB-3 0-1 06/11/03	RA-4-SB-7 0-1 06/11/03	RA-4-SB-10 0-1 06/11/03	RA-4-SB-13 0-1 06/12/03	RA-3-SB-15-EE 0-1 06/02/06
Semivolatile Organics							
Benzo(a)anthracene	1.9	0.88	4.5	0.21	3.6	0.34	21
Benzo(a)pyrene	1.8	1.2	3.8	0.21	4.0	0.33	23
Benzo(b)fluoranthene	1.6	1.2	4.4	0.21	5.3	0.27	32
Benzo(k)fluoranthene	1.7	1.1	1.8	0.21	2.0	0.18	11.0
Dibenzo(a,h)anthracene	2.1	0.20	0.80	0.21	0.99	0.23	3.2
Indeno(1,2,3-cd)pyrene	1.3	0.36	2.5	0.21	3.3	0.23	15
Dioxins/Furans							
Total TEQs (WHO TEFs)	2.70E-04	--	3.80E-05	6.60E-06	1.20E-04	3.40E-05	--
Inorganics							
Arsenic	6.20	--	7.50	3.30	8.80	5.20	--
Sulfide	--	--	19.0	670	560	7.70	--
Thallium	0.120	--	0.550	0.600	0.600	6.20	--

Sample ID: Sample Depth(Feet): Date Collected:	SL-BH001468 0-1 04/09/08	SL-BH001474 0-1 04/09/08	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	11	1.6	N/A (See Note 5)	5.0	7	No
Benzo(a)pyrene	11	4.2	N/A (See Note 5)	5.5	2	Yes
Benzo(b)fluoranthene	12	3.8	N/A (See Note 5)	6.8	7	No
Benzo(k)fluoranthene	4.3	1.2	N/A (See Note 5)	2.6	70	No
Dibenzo(a,h)anthracene	3.1	0.80	N/A (See Note 5)	1.3	0.7	Yes
Indeno(1,2,3-cd)pyrene	7.4	4.4	N/A (See Note 5)	3.9	7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	2.70E-04	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	10.6	5.6	N/A (See Note 5)	6.74	20	No
Sulfide	--	--	N/A (See Note 5)	314	633*	No
Thallium	--	--	N/A (See Note 5)	1.61	8	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- = Not analyzed.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

**TABLE E-139A
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 4 (RA-4): 0- TO 3-FOOT DEPTH INCREMENT**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	SLB-4BB 0-0.5 01/19/95	SLB-4TB 0-0.5 10/11/95	RA-4-SB-3 0-1 06/11/03	RA-4-SB-7 0-1 06/11/03	RA-4-SB-10 0-1 06/11/03	RA-4-SB-13 0-1 06/12/03
Semivolatile Organics						
Benzo(a)anthracene	1.9	0.88	4.5	0.21	3.6	0.34
Benzo(a)pyrene	1.8	1.2	3.8	0.21	4.0	0.33
Benzo(b)fluoranthene	1.6	1.2	4.4	0.21	5.3	0.27
Benzo(k)fluoranthene	1.7	1.1	1.8	0.21	2.0	0.18
Dibenzo(a,h)anthracene	2.1	0.20	0.80	0.21	0.99	0.23
Indeno(1,2,3-cd)pyrene	1.3	0.36	2.5	0.21	3.3	0.23
Dioxins/Furans						
Total TEQs (WHO TEFs)	2.70E-04	--	3.80E-05	6.60E-06	1.20E-04	3.40E-05
Inorganics						
Arsenic	6.20	--	7.50	3.30	8.80	5.20
Sulfide	--	--	19.0	670	560	7.70
Thallium	0.120	--	0.550	0.600	0.600	6.20

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-15-EE 0-1 06/02/06	SL-BH001468 0-1 04/09/08	SL-BH001474 0-1 04/09/08	RA-4-SB-3 1-3 06/11/03	RA-4-SB-7 1-3 06/11/03	RA-4-SB-10 1-3 06/11/03
Semivolatile Organics						
Benzo(a)anthracene	21	11	1.6	1.7	1.4	0.22
Benzo(a)pyrene	23	11	4.2	1.6	1.6	0.30
Benzo(b)fluoranthene	32	12	3.8	2.2	2.1	0.35
Benzo(k)fluoranthene	11.0	4.3	1.2	0.79	0.87	0.13
Dibenzo(a,h)anthracene	3.2	3.1	0.80	0.22	0.43	0.19
Indeno(1,2,3-cd)pyrene	15	7.4	4.4	1.1	1.2	0.22
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	--	4.20E-05	1.10E-05	3.70E-05
Inorganics						
Arsenic	--	10.6	5.6	7.00	5.50	9.60
Sulfide	--	--	--	26.0	16.0	28.0
Thallium	--	--	--	0.550	0.550	0.600

	RA-4-SB-13 1-3 06/12/03	RA-3-SB-15-EE 1-3 06/02/06	SL-BH001468 1-3 04/09/08	SL-BH001474 1-3 04/09/08	SL-PILOTBANK-1 2-4 07/12/07	SL-PILOTBANK-3 1-4 07/12/07
Semivolatile Organics						
Benzo(a)anthracene	0.12	19	2.5	1.4	11	0.95
Benzo(a)pyrene	0.20	22	2.2	1.8	8.9	0.35
Benzo(b)fluoranthene	0.15	28	2.1	1.4	11	0.40
Benzo(k)fluoranthene	0.20	8.6	0.75	0.70	4.0	0.95
Dibenzo(a,h)anthracene	0.20	3.1	0.63	0.75	--	--
Indeno(1,2,3-cd)pyrene	0.12	12	1.3	1.3	7.4	0.95
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.80E-05	--	--	--	--	--
Inorganics						
Arsenic	8.90	--	11.10	15.9	--	--
Sulfide	2.90	--	--	--	--	--
Thallium	6.60	--	--	--	--	--

See Notes on Page 2

TABLE E-139A
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 4 (RA-4): 0- TO 3-FOOT DEPTH INCREMENT

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 5)	4.6	7	No
Benzo(a)pyrene	N/A (See Note 5)	4.9	2	Yes
Benzo(b)fluoranthene	N/A (See Note 5)	6.0	7	No
Benzo(k)fluoranthene	N/A (See Note 5)	2.2	70	No
Dibenzo(a,h)anthracene	N/A (See Note 5)	1.1	0.7	Yes
Indeno(1,2,3-cd)pyrene	N/A (See Note 5)	3.3	7	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	2.70E-04	N/A (See Note 5)	1.00E-03	No
Inorganics				
Arsenic	N/A (See Note 5)	8.09	20	No
Sulfide	N/A (See Note 5)	166	633*	No
Thallium	N/A (See Note 5)	1.82	8	No

See Notes on Page 2

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- = Not analyzed.

TABLE E-140
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 4 (RA-4): 1- TO 3-FOOT DEPTH INCREMENT

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	RA-4-SB-3 1-3 06/11/03	RA-4-SB-7 1-3 06/11/03	RA-4-SB-10 1-3 06/11/03	RA-4-SB-13 1-3 06/12/03	RA-3-SB-15-EE 1-3 06/02/06	SL-BH001468 1-3 04/09/08	SL-BH001474 1-3 04/09/08
Semivolatile Organics							
Benzo(a)anthracene	1.7	1.4	0.22	0.12	19	2.5	1.4
Benzo(a)pyrene	1.6	1.6	0.30	0.20	22	2.2	1.8
Benzo(b)fluoranthene	2.2	2.1	0.35	0.15	28	2.1	1.4
Benzo(k)fluoranthene	0.79	0.87	0.13	0.20	8.6	0.75	0.70
Dibenzo(a,h)anthracene	0.22	0.43	0.19	0.20	3.1	0.63	0.75
Indeno(1,2,3-cd)pyrene	1.1	1.2	0.22	0.12	12	1.3	1.3
Dioxins/Furans							
Total TEQs (WHO TEFs)	4.20E-05	1.10E-05	3.70E-05	1.80E-05	--	--	--
Inorganics							
Arsenic	7.00	5.50	9.60	8.90	--	11.10	15.9
Sulfide	26.0	16.0	28.0	2.90	--	--	--
Thallium	0.550	0.550	0.600	6.60	--	--	--

	SL-PILOTBANK-1 2-4 07/12/07	SL-PILOTBANK-3 1-4 07/12/07	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	11	0.95	N/A (See Note 5)	4.3	7	No
Benzo(a)pyrene	8.9	0.35	N/A (See Note 5)	4.3	2	Yes
Benzo(b)fluoranthene	11	0.40	N/A (See Note 5)	5.3	7	No
Benzo(k)fluoranthene	4.0	0.95	N/A (See Note 5)	1.9	70	No
Dibenzo(a,h)anthracene	--	--	N/A (See Note 5)	0.8	0.7	Yes
Indeno(1,2,3-cd)pyrene	7.4	0.95	N/A (See Note 5)	2.8	7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	4.20E-05	N/A (See Note 5)	1.50E-03	No
Inorganics						
Arsenic	--	--	N/A (See Note 5)	9.67	20	No
Sulfide	--	--	N/A (See Note 5)	18.23	633*	No
Thallium	--	--	N/A (See Note 5)	2.08	8	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- = Not analyzed.

**TABLE E-141
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 4 (RA-4): 0- TO 1-FOOT DEPTH INCREMENT**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	SLB-4BB 0-0.5 01/19/95	SLB-4TB 0-0.5 10/11/95	RA-4-SB-3 0-1 06/11/03	RA-4-SB-7 0-1 06/11/03	RA-4-SB-10 0-1 06/11/03	RA-4-SB-13 0-1 06/12/03	RA-3-SB-15-EE 0-1 06/02/06
Semivolatile Organics							
Benzo(a)anthracene	1.9	0.88	4.5	0.21	3.6	0.34	0.198
Benzo(a)pyrene	1.8	1.2	3.8	0.21	4.0	0.33	0.198
Benzo(b)fluoranthene	1.6	1.2	4.4	0.21	5.3	0.27	0.198
Benzo(k)fluoranthene	1.7	1.1	1.8	0.21	2.0	0.18	0.198
Dibenzo(a,h)anthracene	2.1	0.20	0.80	0.21	0.99	0.23	0.256
Indeno(1,2,3-cd)pyrene	1.3	0.36	2.5	0.21	3.3	0.23	0.256
Dioxins/Furans							
Total TEQs (WHO TEFs)	2.70E-04	--	3.80E-05	6.60E-06	1.20E-04	3.40E-05	--
Inorganics							
Arsenic	6.20	--	7.50	3.30	8.80	5.20	--
Sulfide	--	--	19.0	670	560	7.70	--
Thallium	0.120	--	0.550	0.600	0.600	6.20	--

Sample ID: Sample Depth(Feet): Date Collected:	SL-BH001468 0-1 04/09/08	SL-BH001474 0-1 04/09/08	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	11	1.6	N/A (See Note 5)	2.7	7	No
Benzo(a)pyrene	11	4.2	N/A (See Note 5)	3.0	2	Yes
Benzo(b)fluoranthene	12	3.8	N/A (See Note 5)	3.2	7	No
Benzo(k)fluoranthene	4.3	1.2	N/A (See Note 5)	1.4	70	No
Dibenzo(a,h)anthracene	3.1	0.80	N/A (See Note 5)	1.0	0.7	Yes
Indeno(1,2,3-cd)pyrene	7.4	4.4	N/A (See Note 5)	2.2	7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	2.70E-04	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	10.6	5.6	N/A (See Note 5)	6.74	20	No
Sulfide	--	--	N/A (See Note 5)	314	633*	No
Thallium	--	--	N/A (See Note 5)	1.61	8	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- = Not analyzed.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

TABLE E-141A
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 4 (RA-4): 0- TO 3-FOOT DEPTH INCREMENT

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	SLB-4BB 0-0.5 01/19/95	SLB-4TB 0-0.5 10/11/95	RA-4-SB-3 0-1 06/11/03	RA-4-SB-7 0-1 06/11/03	RA-4-SB-10 0-1 06/11/03	RA-4-SB-13 0-1 06/12/03
Semivolatile Organics						
Benzo(a)anthracene	1.9	0.88	4.5	0.21	3.6	0.34
Benzo(a)pyrene	1.8	1.2	3.8	0.21	4.0	0.33
Benzo(b)fluoranthene	1.6	1.2	4.4	0.21	5.3	0.27
Benzo(k)fluoranthene	1.7	1.1	1.8	0.21	2.0	0.18
Dibenzo(a,h)anthracene	2.1	0.20	0.80	0.21	0.99	0.23
Indeno(1,2,3-cd)pyrene	1.3	0.36	2.5	0.21	3.3	0.23
Dioxins/Furans						
Total TEQs (WHO TEFs)	2.70E-04	--	3.80E-05	6.60E-06	1.20E-04	3.40E-05
Inorganics						
Arsenic	6.20	--	7.50	3.30	8.80	5.20
Sulfide	--	--	19.0	670	560	7.70
Thallium	0.120	--	0.550	0.600	0.600	6.20

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-15-EE 0-1 06/02/06	SL-BH001468 0-1 04/09/08	SL-BH001474 0-1 04/09/08	RA-4-SB-3 1-3 06/11/03	RA-4-SB-7 1-3 06/11/03	RA-4-SB-10 1-3 06/11/03
Semivolatile Organics						
Benzo(a)anthracene	0.198	11	1.6	1.7	1.4	0.22
Benzo(a)pyrene	0.198	11	4.2	1.6	1.6	0.30
Benzo(b)fluoranthene	0.198	12	3.8	2.2	2.1	0.35
Benzo(k)fluoranthene	0.198	4.3	1.2	0.79	0.87	0.13
Dibenzo(a,h)anthracene	0.256	3.1	0.80	0.22	0.43	0.19
Indeno(1,2,3-cd)pyrene	0.256	7.4	4.4	1.1	1.2	0.22
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	--	4.20E-05	1.10E-05	3.70E-05
Inorganics						
Arsenic	--	10.6	5.6	7.00	5.50	9.60
Sulfide	--	--	--	26.0	16.0	28.0
Thallium	--	--	--	0.550	0.550	0.600

	RA-4-SB-13 1-3 06/12/03	RA-3-SB-15-EE 1-3 06/02/06	SL-BH001468 1-3 04/09/08	SL-BH001474 1-3 04/09/08	SL-PILOTBANK-1 2-4 07/12/07	SL-PILOTBANK-3 1-4 07/12/07
Semivolatile Organics						
Benzo(a)anthracene	0.12	0.198	2.5	1.4	11	0.95
Benzo(a)pyrene	0.20	0.198	2.2	1.8	8.9	0.35
Benzo(b)fluoranthene	0.15	0.198	2.1	1.4	11	0.40
Benzo(k)fluoranthene	0.20	0.198	0.75	0.70	4.0	0.95
Dibenzo(a,h)anthracene	0.20	0.256	0.63	0.75	--	--
Indeno(1,2,3-cd)pyrene	0.12	0.256	1.3	1.3	7.4	0.95
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.80E-05	--	--	--	--	--
Inorganics						
Arsenic	8.90	--	11.10	15.9	--	--
Sulfide	2.90	--	--	--	--	--
Thallium	6.60	--	--	--	--	--

See Notes on Page 2

TABLE E-141A
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 4 (RA-4): 0- TO 3-FOOT DEPTH INCREMENT

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 5)	2.4	7	No
Benzo(a)pyrene	N/A (See Note 5)	2.4	2	Yes
Benzo(b)fluoranthene	N/A (See Note 5)	2.7	7	No
Benzo(k)fluoranthene	N/A (See Note 5)	1.2	70	No
Dibenzo(a,h)anthracene	N/A (See Note 5)	0.71	0.7	Yes
Indeno(1,2,3-cd)pyrene	N/A (See Note 5)	1.9	7	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	2.70E-04	N/A (See Note 5)	1.00E-03	No
Inorganics				
Arsenic	N/A (See Note 5)	8.09	20	No
Sulfide	N/A (See Note 5)	166	633*	No
Thallium	N/A (See Note 5)	1.82	8	No

See Notes on Page 2

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- = Not analyzed.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

TABLE E-142
POST-REMEDICATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 4 (RA-4): 1- TO 3-FOOT DEPTH INCREMENT

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	RA-4-SB-3 1-3 06/11/03	RA-4-SB-7 1-3 06/11/03	RA-4-SB-10 1-3 06/11/03	RA-4-SB-13 1-3 06/12/03	RA-3-SB-15-EE 1-3 06/02/06	SL-BH001468 1-3 04/09/08	SL-BH001474 1-3 04/09/08
Semivolatile Organics							
Benzo(a)anthracene	1.7	1.4	0.22	0.12	0.198	2.5	1.4
Benzo(a)pyrene	1.6	1.6	0.30	0.20	0.198	2.2	1.8
Benzo(b)fluoranthene	2.2	2.1	0.35	0.15	0.198	2.1	1.4
Benzo(k)fluoranthene	0.79	0.87	0.13	0.20	0.198	0.75	0.70
Dibenzo(a,h)anthracene	0.22	0.43	0.19	0.20	0.256	0.63	0.75
Indeno(1,2,3-cd)pyrene	1.1	1.2	0.22	0.12	0.256	1.3	1.3
Dioxins/Furans							
Total TEQs (WHO TEFs)	4.20E-05	1.10E-05	3.70E-05	1.80E-05	--	--	--
Inorganics							
Arsenic	7.00	5.50	9.60	8.90	--	11.10	15.9
Sulfide	26.0	16.0	28.0	2.90	--	--	--
Thallium	0.550	0.550	0.600	6.60	--	--	--

	SL-PILOTBANK-1 2-4 07/12/07	SL-PILOTBANK-3 1-4 07/12/07	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	11	0.95	N/A (See Note 5)	2.2	7	No
Benzo(a)pyrene	8.9	0.35	N/A (See Note 5)	1.9	2	No
Benzo(b)fluoranthene	11	0.40	N/A (See Note 5)	2.2	7	No
Benzo(k)fluoranthene	4.0	0.95	N/A (See Note 5)	1.0	70	No
Dibenzo(a,h)anthracene	--	--	N/A (See Note 5)	0.4	0.7	No
Indeno(1,2,3-cd)pyrene	7.4	0.95	N/A (See Note 5)	1.5	7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	4.20E-05	N/A (See Note 5)	1.50E-03	No
Inorganics						
Arsenic	--	--	N/A (See Note 5)	9.67	20	No
Sulfide	--	--	N/A (See Note 5)	18.23	633*	No
Thallium	--	--	N/A (See Note 5)	2.08	8	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- = Not analyzed.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

ARCADIS

Recreational Area RA-5

TABLE E-143
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 5 (RA-5)

REVISED CONCEPTUAL RD/RA WORK PLAN 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:	EPA Region 9 Residential PRGs	I9-9-34-SB-1 0-1 09/16/03	I9-9-34-SB-1 1-3 09/16/03	I9-9-34-SB-1-NE 1-3 10/11/05	I9-9-34-SB-1-NW 1-3 10/25/05
Volatile Organics					
1,1,1,2-Tetrachloroethane	2.8	ND(0.0064)	ND(0.0053)	NA	NA
1,1,1-Trichloroethane	680	ND(0.0064)	ND(0.0053)	NA	NA
1,1,2,2-Tetrachloroethane	0.36	ND(0.0064) J	ND(0.0053) J	NA	NA
1,1,2-Trichloroethane	0.82	ND(0.0064)	ND(0.0053)	NA	NA
1,1-Dichloroethane	570	ND(0.0064)	ND(0.0053)	NA	NA
1,1-Dichloroethene	0.052	ND(0.0064)	ND(0.0053)	NA	NA
1,2,3-Trichloropropane	0.0014	ND(0.0064) J	ND(0.0053)	NA	NA
1,2-Dibromo-3-chloropropane	0.32	ND(0.0064) J	ND(0.0053)	NA	NA
1,2-Dibromoethane	0.0049	ND(0.0064)	ND(0.0053)	NA	NA
1,2-Dichloroethane	0.34	ND(0.0064)	ND(0.0053)	NA	NA
1,2-Dichloropropane	0.34	ND(0.0064)	ND(0.0053)	NA	NA
1,4-Dioxane	40	ND(0.13) J	ND(0.10) J	NA	NA
2-Butanone	6,900	ND(0.013)	ND(0.010)	NA	NA
2-Chloro-1,3-butadiene	3.6	ND(0.0064)	ND(0.0053)	NA	NA
2-Chloroethylvinylether	0.18	ND(0.0064)	ND(0.0053)	NA	NA
2-Hexanone	750	ND(0.013)	ND(0.010)	NA	NA
3-Chloropropene	2,700	ND(0.0064)	ND(0.0053)	NA	NA
4-Methyl-2-pentanone	750	ND(0.013)	ND(0.010)	NA	NA
Acetone	1,400	ND(0.026)	ND(0.021) J	NA	NA
Acetonitrile	200	ND(0.13)	ND(0.10)	NA	NA
Acrolein	0.1	ND(0.13) J	ND(0.10) J	NA	NA
Acrylonitrile	0.19	ND(0.0064) J	ND(0.0053) J	NA	NA
Benzene	0.62	ND(0.0064)	ND(0.0053)	NA	NA
Bromodichloromethane	0.98	ND(0.0064)	ND(0.0053)	NA	NA
Bromoform	56	ND(0.0064)	ND(0.0053)	NA	NA
Bromomethane	3.8	ND(0.0064) J	ND(0.0053) J	NA	NA
Carbon Disulfide	350	ND(0.0064)	ND(0.0053)	NA	NA
Carbon Tetrachloride	0.23	ND(0.0064)	ND(0.0053)	NA	NA
Chlorobenzene	54	ND(0.0064)	ND(0.0053)	NA	NA
Chloroethane	1,600	ND(0.0064) J	ND(0.0053) J	NA	NA
Chloroform	0.24	ND(0.0064)	ND(0.0053)	NA	NA
Chloromethane	1.2	ND(0.0064)	ND(0.0053)	NA	NA
cis-1,3-Dichloropropene	Not Listed	ND(0.0064)	ND(0.0053)	NA	NA
Dibromochloromethane	5.3	ND(0.0064)	ND(0.0053)	NA	NA
Dibromomethane	550	ND(0.0064)	ND(0.0053)	NA	NA
Dichlorodifluoromethane	94	ND(0.0064) J	ND(0.0053)	NA	NA
Ethyl Methacrylate	140	ND(0.0064)	ND(0.0053)	NA	NA
Ethylbenzene	230	ND(0.0064)	ND(0.0053)	NA	NA
Iodomethane	1.2	ND(0.0064)	ND(0.0053)	NA	NA
Isobutanol	10,000	ND(0.13)	ND(0.10)	NA	NA
Methacrylonitrile	1.8	ND(0.0064)	ND(0.0053)	NA	NA
Methyl Methacrylate	2,200	ND(0.0064)	ND(0.0053)	NA	NA
Methylene Chloride	8.5	ND(0.0064)	ND(0.0053)	NA	NA
Propionitrile	200	ND(0.013)	ND(0.010)	NA	NA
Styrene	1,700	ND(0.0064)	ND(0.0053)	NA	NA
Tetrachloroethene	4.7	ND(0.0064)	ND(0.0053)	NA	NA
Toluene	520	ND(0.0064)	ND(0.0053)	NA	NA
trans-1,2-Dichloroethene	62	ND(0.0064)	ND(0.0053)	NA	NA
trans-1,3-Dichloropropene	Not Listed	ND(0.0064)	ND(0.0053)	NA	NA
trans-1,4-Dichloro-2-butene	Not Listed	ND(0.0064) J	ND(0.0053)	NA	NA
Trichloroethene	2.7	ND(0.0064) J	ND(0.0053)	NA	NA
Trichlorofluoromethane	380	ND(0.0064)	ND(0.0053) J	NA	NA
Vinyl Acetate	420	ND(0.0064) J	ND(0.0053) J	NA	NA
Vinyl Chloride	0.021	ND(0.0064)	ND(0.0053)	NA	NA
Xylenes (total)	210	ND(0.0064)	ND(0.0053)	NA	NA

**TABLE E-143
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 5 (RA-5)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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:	EPA Region 9 Residential PRGs	I9-9-34-SB-1 0-1 09/16/03	I9-9-34-SB-1 1-3 09/16/03	I9-9-34-SB-1-NE 1-3 10/11/05	I9-9-34-SB-1-NW 1-3 10/25/05
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	16	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
1,2,4-Trichlorobenzene	480	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
1,2-Dichlorobenzene	370	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
1,2-Diphenylhydrazine	0.56	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
1,3,5-Trinitrobenzene	1,600	ND(0.81) J	ND(0.35) J	ND(9.2) J [ND(4.3) J]	ND(0.37) J
1,3-Dichlorobenzene	41	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
1,3-Dinitrobenzene	5.5	ND(0.86) J	ND(0.71) J	ND(9.2) J [ND(4.3) J]	ND(0.74)
1,4-Dichlorobenzene	3	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
1,4-Naphthoquinone	55	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(0.74) J
1-Naphthylamine	Not Listed	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(0.74)
2,3,4,6-Tetrachlorophenol	1,600	ND(0.81)	ND(0.35)	ND(9.2) J [ND(4.3)]	ND(0.37)
2,4,5-Trichlorophenol	5,500	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
2,4,6-Trichlorophenol	40	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
2,4-Dichlorophenol	160	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
2,4-Dimethylphenol	1,100	0.76 J	0.49	ND(9.2) [ND(4.3) J]	ND(0.37)
2,4-Dinitrophenol	110	ND(4.0)	ND(1.8) J	ND(46) [ND(21) J]	ND(1.9) J
2,4-Dinitrotoluene	110	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
2,6-Dichlorophenol	160	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
2,6-Dinitrotoluene	55	ND(0.81) J	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
2-Acetylaminofluorene	0.56	ND(0.86)	ND(0.71)	ND(9.2) J [ND(4.3) J]	ND(0.74)
2-Chloronaphthalene	3,700	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
2-Chlorophenol	59	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
2-Methylnaphthalene	55	ND(0.81)	21	ND(9.2) [0.47 J]	ND(0.37)
2-Methylphenol	2,700	ND(0.81)	0.37	ND(9.2) [ND(4.3)]	ND(0.37)
2-Naphthylamine	Not Listed	ND(0.86)	ND(0.71) J	ND(9.2) J [ND(4.3) J]	ND(0.74) J
2-Nitroaniline	3.3	ND(4.0) J	ND(1.8) J	ND(46) [ND(21) J]	ND(1.9)
2-Nitrophenol	Not Listed	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(0.74)
2-Picoline	55	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
3&4-Methylphenol	270	1.2	1.5	ND(9.2) [0.70 J]	ND(0.74)
3,3'-Dichlorobenzidine	0.99	ND(1.6)	ND(0.71)	ND(18) [ND(8.6)]	ND(0.74)
3,3'-Dimethylbenzidine	0.048	ND(0.81) J	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
3-Methylcholanthrene	0.056	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(0.74)
3-Nitroaniline	5.5	ND(4.0)	ND(1.8)	ND(46) [ND(21)]	ND(1.9)
4,6-Dinitro-2-methylphenol	55	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37) J
4-Aminobiphenyl	1,400	ND(0.86)	ND(0.71)	ND(9.2) J [ND(4.3) J]	ND(0.74) J
4-Bromophenyl-phenylether	160	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
4-Chloro-3-Methylphenol	2,700	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
4-Chloroaniline	220	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
4-Chlorobenzilate	1.6	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(0.74)
4-Chlorophenyl-phenylether	Not Listed	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
4-Nitroaniline	5.5	ND(2.2)	ND(1.8)	ND(9.2) [ND(4.3)]	ND(1.9)
4-Nitrophenol	3,400	4.1	ND(1.8)	ND(46) [ND(21)]	ND(1.9)
4-Nitroquinoline-1-oxide	110	ND(0.86) J	ND(0.71) J	ND(9.2) J [ND(4.3) J]	ND(0.74) J
4-Phenylenediamine	10,000	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(0.74)
5-Nitro-o-toluidine	13	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(0.74)
7,12-Dimethylbenz(a)anthracene	0.056	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(0.74)
a,a'-Dimethylphenethylamine	55	ND(0.86)	ND(0.71)	ND(9.2) J [ND(4.3) J]	ND(0.74) J
Acenaphthene	2,600	13	26	18 [12]	0.065 J
Acenaphthylene	55	4.0	39	ND(9.2) [3.0 J]	0.22 J
Acetophenone	0.49	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
Aniline	78	1.3	ND(0.35)	120 [41 J]	ND(0.37)
Anthracene	14,000	9.9	80	42 [24]	0.26 J
Aramite	18	ND(0.86) J	ND(0.71)	ND(9.2) J [ND(4.3) J]	ND(0.74)
Benzidine	0.0019	ND(1.6) J	ND(0.71)	ND(18) J [ND(8.6) J]	ND(0.74) J
Benzo(a)anthracene	0.56	47	130	82 [50]	2.0
Benzo(a)pyrene	0.056	37	100	55 [30]	1.6
Benzo(b)fluoranthene	0.56	28	82	41 [22]	1.4
Benzo(g,h,i)perylene	55	12	60	27 [14]	0.91
Benzo(k)fluoranthene	5.6	36	90	43 [27]	1.6

TABLE E-143
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 5 (RA-5)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-34-SB-1 0-1 09/16/03	I9-9-34-SB-1 1-3 09/16/03	I9-9-34-SB-1-NE 1-3 10/11/05	I9-9-34-SB-1-NW 1-3 10/25/05
Semivolatile Organics (continued)						
Benzyl Alcohol		16,000	ND(1.6)	ND(0.71)	ND(18) [ND(8.6)]	ND(0.74)
bis(2-Chloroethoxy)methane		Not Listed	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
bis(2-Chloroethyl)ether		0.18	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
bis(2-Chloroisopropyl)ether		2.5	ND(0.81) J	ND(0.35) J	ND(9.2) [ND(4.3) J]	ND(0.37)
bis(2-Ethylhexyl)phthalate		32	ND(0.42)	ND(0.35)	ND(4.6) [ND(2.1)]	0.44
Butylbenzylphthalate		930	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	0.33 J
Chrysene		56	42	110	76 [46]	2.0
Diallate		7.3	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(0.74)
Dibenzo(a,h)anthracene		0.056	3.6	24	ND(9.2) [2.9 J]	0.19 J
Dibenzofuran		210	1.4	37	13 [8.4]	ND(0.37)
Diethylphthalate		44,000	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
Dimethylphthalate		100,000	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
Di-n-Butylphthalate		5,500	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
Di-n-Octylphthalate		1,100	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
Diphenylamine		1,400	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
Ethyl Methanesulfonate		Not Listed	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
Fluoranthene		2,000	66	240	130 [73]	2.9
Fluorene		1,800	1.4	39	25 [15]	ND(0.37)
Hexachlorobenzene		0.28	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
Hexachlorobutadiene		5.7	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
Hexachlorocyclopentadiene		380	ND(0.81) J	ND(0.35) J	ND(9.2) J [ND(4.3) J]	ND(0.37) J
Hexachloroethane		32	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
Hexachlorophene		16	ND(1.6) J	ND(0.71) J	ND(18) J [ND(8.6) J]	ND(0.74) J
Hexachloropropene		Not Listed	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3) J]	ND(0.37)
Indeno(1,2,3-cd)pyrene		0.56	16	65	25 [13]	0.82
Isodrin		Not Listed	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
Isophorone		470	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
Isosafrole		Not Listed	ND(0.86)	ND(0.71)	ND(9.2) J [ND(4.3) J]	ND(0.74) J
Methapyrilene		55	ND(0.86)	ND(0.71) J	ND(9.2) J [ND(4.3)]	ND(0.74)
Methyl Methanesulfonate		Not Listed	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
Naphthalene		55	2.0	20	2.5 J [1.5 J]	0.045 J
Nitrobenzene		16	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
N-Nitrosodiethylamine		0.003	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
N-Nitrosodimethylamine		0.0087	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
N-Nitroso-di-n-butylamine		0.022	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(0.74)
N-Nitroso-di-n-propylamine		0.063	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
N-Nitrosodiphenylamine		91	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
N-Nitrosomethylethylamine		0.02	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(0.74)
N-Nitrosomorpholine		0.21	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
N-Nitrosopiperidine		0.21	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
N-Nitrosopyrrolidine		0.21	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(0.74)
o,o,o-Triethylphosphorothioate		11	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
o-Toluidine		1.9	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
p-Dimethylaminoazobenzene		0.99	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(0.74)
Pentachlorobenzene		44	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
Pentachloroethane		2.8	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
Pentachloronitrobenzene		1.7	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(0.74)
Pentachlorophenol		2.5	ND(4.0)	ND(1.8)	ND(46) [ND(21)]	ND(1.9)
Phenacetin		640	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(0.74)
Phenanthrene		55	28	320	110 [59]	1.1
Phenol		33,000	1.0	1.1	9.6 [3.9 J]	ND(0.37)
Pronamide		4,100	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
Pyrene		1,500	80	340	150 [110]	2.8
Pyridine		55	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)
Safrole		Not Listed	ND(0.81)	ND(0.35)	ND(9.2) J [ND(4.3) J]	ND(0.37) J
Thionazin		330	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(0.37)

TABLE E-143
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 5 (RA-5)

REVISED CONCEPTUAL RD/RA WORK PLAN 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:	EPA Region 9 Residential PRGs	I9-9-34-SB-1 0-1 09/16/03	I9-9-34-SB-1 1-3 09/16/03	I9-9-34-SB-1-NE 1-3 10/11/05	I9-9-34-SB-1-NW 1-3 10/25/05
Furans					
2,3,7,8-TCDF	Not Applicable	0.00011 YI	ND(0.000015) Y	NA	NA
TCDFs (total)	Not Applicable	0.00084	0.000090	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	0.000062	0.0000048	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	ND(0.000051) X	ND(0.0000056) X	NA	NA
PeCDFs (total)	Not Applicable	0.0013	0.00048	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	ND(0.00000088)	ND(0.00000070)	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	0.00059 I	ND(0.00000069)	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	ND(0.0000011)	ND(0.00000091)	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	0.000029	ND(0.00000078)	NA	NA
HxCDFs (total)	Not Applicable	0.0015	0.000091	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.00016	0.000018	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	0.000017	ND(0.0000031) X	NA	NA
HpCDFs (total)	Not Applicable	0.00018	0.000018	NA	NA
OCDF	Not Applicable	0.00017	0.000020	NA	NA
Dioxins					
2,3,7,8-TCDD	Not Applicable	ND(0.00000086)	ND(0.00000057)	NA	NA
TCDDs (total)	Not Applicable	0.0000080	0.0000022	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	ND(0.0000026)	ND(0.0000016)	NA	NA
PeCDDs (total)	Not Applicable	ND(0.0000026)	ND(0.0000016)	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	0.0000056	ND(0.00000097)	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	0.000012	ND(0.00000088)	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	ND(0.0000012)	ND(0.00000089)	NA	NA
HxCDDs (total)	Not Applicable	0.000032	ND(0.00000088)	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.00020	ND(0.000012) J	NA	NA
HpCDDs (total)	Not Applicable	0.00036	0.0000098	NA	NA
OCDD	Not Applicable	0.0011	0.000063 J	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	0.000096	0.0000040	NA	NA
Inorganics					
Antimony	30	ND(6.00)	ND(6.00)	NA	NA
Arsenic	0.38	7.20	9.50	NA	NA
Barium	5,200	47.0	34.0	NA	NA
Beryllium	150	0.200 B	0.160 B	NA	NA
Cadmium	37	0.210 B	ND(0.500)	NA	NA
Chromium	210	7.30	5.50	NA	NA
Cobalt	3,300	6.80	12.0	NA	NA
Copper	2,800	41.0	32.0	NA	NA
Lead	400	150	38.0	NA	NA
Mercury	22	0.500	0.130	NA	NA
Nickel	1,500	12.0	15.0	NA	NA
Selenium	370	1.40	0.770 B	NA	NA
Silver	370	ND(1.0)	ND(1.0)	NA	NA
Thallium	6	ND(1.30)	ND(1.00)	NA	NA
Tin	45,000	ND(10.0)	ND(10.0)	NA	NA
Vanadium	520	11.0	6.60	NA	NA
Zinc	22,000	99.0	53.0	NA	NA
Cyanide	11	0.290	0.0680 B	NA	NA
Sulfide	350	14.0	6.80	NA	NA

**TABLE E-143
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 5 (RA-5)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	RA-5-SB-2 0-1 06/12/03	RA-5-SB-2 1-3 06/12/03	RA-5-SB-2-N 0-1 10/10/05	RA-5-SB-2-S 0-1 10/10/05
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0064)	ND(0.0061)	NA	NA
1,1,1-Trichloroethane		680	ND(0.0064)	ND(0.0061)	NA	NA
1,1,2,2-Tetrachloroethane		0.36	ND(0.0064)	ND(0.0061)	NA	NA
1,1,2-Trichloroethane		0.82	ND(0.0064)	ND(0.0061)	NA	NA
1,1-Dichloroethane		570	ND(0.0064)	ND(0.0061)	NA	NA
1,1-Dichloroethene		0.052	ND(0.0064)	ND(0.0061)	NA	NA
1,2,3-Trichloropropane		0.0014	ND(0.0064)	ND(0.0061)	NA	NA
1,2-Dibromo-3-chloropropane		0.32	ND(0.0064)	ND(0.0061)	NA	NA
1,2-Dibromoethane		0.0049	ND(0.0064)	ND(0.0061)	NA	NA
1,2-Dichloroethane		0.34	ND(0.0064)	ND(0.0061)	NA	NA
1,2-Dichloropropane		0.34	ND(0.0064)	ND(0.0061)	NA	NA
1,4-Dioxane		40	ND(0.13) J	ND(0.12) J	NA	NA
2-Butanone		6,900	ND(0.013)	ND(0.012)	NA	NA
2-Chloro-1,3-butadiene		3.6	ND(0.0064)	ND(0.0061)	NA	NA
2-Chloroethylvinylether		0.18	ND(0.0064)	ND(0.0061)	NA	NA
2-Hexanone		750	ND(0.013)	ND(0.012)	NA	NA
3-Chloropropene		2,700	ND(0.0064)	ND(0.0061)	NA	NA
4-Methyl-2-pentanone		750	ND(0.013)	ND(0.012)	NA	NA
Acetone		1,400	ND(0.025)	ND(0.024)	NA	NA
Acetonitrile		200	ND(0.13) J	ND(0.12) J	NA	NA
Acrolein		0.1	ND(0.13) J	ND(0.12) J	NA	NA
Acrylonitrile		0.19	ND(0.0064)	ND(0.0061)	NA	NA
Benzene		0.62	ND(0.0064)	ND(0.0061)	NA	NA
Bromodichloromethane		0.98	ND(0.0064)	ND(0.0061)	NA	NA
Bromoform		56	ND(0.0064)	ND(0.0061)	NA	NA
Bromomethane		3.8	ND(0.0064)	ND(0.0061)	NA	NA
Carbon Disulfide		350	ND(0.0064) J	ND(0.0061) J	NA	NA
Carbon Tetrachloride		0.23	ND(0.0064)	ND(0.0061)	NA	NA
Chlorobenzene		54	ND(0.0064)	ND(0.0061)	NA	NA
Chloroethane		1,600	ND(0.0064)	ND(0.0061)	NA	NA
Chloroform		0.24	ND(0.0064)	ND(0.0061)	NA	NA
Chloromethane		1.2	ND(0.0064)	ND(0.0061)	NA	NA
cis-1,3-Dichloropropene		Not Listed	ND(0.0064)	ND(0.0061)	NA	NA
Dibromochloromethane		5.3	ND(0.0064)	ND(0.0061)	NA	NA
Dibromomethane		550	ND(0.0064)	ND(0.0061)	NA	NA
Dichlorodifluoromethane		94	ND(0.0064)	ND(0.0061)	NA	NA
Ethyl Methacrylate		140	ND(0.0064)	ND(0.0061)	NA	NA
Ethylbenzene		230	ND(0.0064)	ND(0.0061)	NA	NA
Iodomethane		1.2	ND(0.0064) J	ND(0.0061) J	NA	NA
Isobutanol		10,000	ND(0.13) J	ND(0.12) J	NA	NA
Methacrylonitrile		1.8	ND(0.0064)	ND(0.0061)	NA	NA
Methyl Methacrylate		2,200	ND(0.0064)	ND(0.0061)	NA	NA
Methylene Chloride		8.5	ND(0.0064)	ND(0.0061)	NA	NA
Propionitrile		200	ND(0.013)	ND(0.012)	NA	NA
Styrene		1,700	ND(0.0064)	ND(0.0061)	NA	NA
Tetrachloroethene		4.7	ND(0.0064)	ND(0.0061)	NA	NA
Toluene		520	ND(0.0064)	ND(0.0061)	NA	NA
trans-1,2-Dichloroethene		62	ND(0.0064)	ND(0.0061)	NA	NA
trans-1,3-Dichloropropene		Not Listed	ND(0.0064)	ND(0.0061)	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0064)	ND(0.0061)	NA	NA
Trichloroethene		2.7	ND(0.0064)	ND(0.0061)	NA	NA
Trichlorofluoromethane		380	ND(0.0064)	ND(0.0061)	NA	NA
Vinyl Acetate		420	ND(0.0064)	ND(0.0061)	NA	NA
Vinyl Chloride		0.021	ND(0.0064)	ND(0.0061)	NA	NA
Xylenes (total)		210	ND(0.0064)	ND(0.0061)	NA	NA

**TABLE E-143
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 5 (RA-5)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	RA-5-SB-2 0-1 06/12/03	RA-5-SB-2 1-3 06/12/03	RA-5-SB-2-N 0-1 10/10/05	RA-5-SB-2-S 0-1 10/10/05
Semivolatle Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(1.2)	ND(0.65)	NA	NA
1,2,4-Trichlorobenzene		480	ND(1.2)	ND(0.65)	NA	NA
1,2-Dichlorobenzene		370	ND(1.2)	ND(0.65)	NA	NA
1,2-Diphenylhydrazine		0.56	ND(1.2)	ND(0.65)	NA	NA
1,3,5-Trinitrobenzene		1,600	ND(1.2)	ND(0.65)	NA	NA
1,3-Dichlorobenzene		41	0.31 J	0.14 J	NA	NA
1,3-Dinitrobenzene		5.5	ND(1.2)	ND(0.82)	NA	NA
1,4-Dichlorobenzene		3	0.69 J	0.17 J	NA	NA
1,4-Naphthoquinone		55	ND(1.2)	ND(0.82)	NA	NA
1-Naphthylamine		Not Listed	ND(1.2)	ND(0.82)	NA	NA
2,3,4,6-Tetrachlorophenol		1,600	ND(1.2)	ND(0.65)	NA	NA
2,4,5-Trichlorophenol		5,500	ND(1.2)	ND(0.65)	NA	NA
2,4,6-Trichlorophenol		40	ND(1.2)	ND(0.65)	NA	NA
2,4-Dichlorophenol		160	ND(1.2)	ND(0.65)	NA	NA
2,4-Dimethylphenol		1,100	ND(1.2)	ND(0.65)	NA	NA
2,4-Dinitrophenol		110	ND(5.9) J	ND(3.3) J	NA	NA
2,4-Dinitrotoluene		110	ND(1.2)	ND(0.65)	NA	NA
2,6-Dichlorophenol		160	ND(1.2)	ND(0.65)	NA	NA
2,6-Dinitrotoluene		55	ND(1.2)	ND(0.65)	NA	NA
2-Acetylaminofluorene		0.56	ND(1.2)	ND(0.82)	NA	NA
2-Chloronaphthalene		3,700	ND(1.2)	ND(0.65)	NA	NA
2-Chlorophenol		59	ND(1.2)	ND(0.65)	NA	NA
2-Methylnaphthalene		55	1.1 J	0.72	NA	NA
2-Methylphenol		2,700	5.6	0.15 J	NA	NA
2-Naphthylamine		Not Listed	ND(1.2)	ND(0.82)	NA	NA
2-Nitroaniline		3.3	ND(5.9)	ND(3.3)	NA	NA
2-Nitrophenol		Not Listed	ND(1.2)	ND(0.82)	NA	NA
2-Picoline		55	ND(1.2)	ND(0.65)	NA	NA
3&4-Methylphenol		270	12	ND(0.82)	NA	NA
3,3'-Dichlorobenzidine		0.99	ND(2.4)	ND(1.3)	NA	NA
3,3'-Dimethylbenzidine		0.048	ND(1.2)	ND(0.65)	NA	NA
3-Methylcholanthrene		0.056	ND(1.2)	ND(0.82)	NA	NA
3-Nitroaniline		5.5	ND(5.9)	ND(3.3)	NA	NA
4,6-Dinitro-2-methylphenol		55	ND(1.2)	ND(0.65)	NA	NA
4-Aminobiphenyl		1,400	ND(1.2)	ND(0.82)	NA	NA
4-Bromophenyl-phenylether		160	ND(1.2)	ND(0.65)	NA	NA
4-Chloro-3-Methylphenol		2,700	ND(1.2)	ND(0.65)	NA	NA
4-Chloroaniline		220	ND(1.2)	ND(0.65)	NA	NA
4-Chlorobenzilate		1.6	ND(1.2)	ND(0.82)	NA	NA
4-Chlorophenyl-phenylether		Not Listed	ND(1.2)	ND(0.65)	NA	NA
4-Nitroaniline		5.5	ND(2.2)	ND(2.1)	NA	NA
4-Nitrophenol		3,400	ND(5.9) J	ND(3.3) J	NA	NA
4-Nitroquinoline-1-oxide		110	ND(1.2)	ND(0.82)	NA	NA
4-Phenylenediamine		10,000	ND(1.2)	ND(0.82)	NA	NA
5-Nitro-o-toluidine		13	ND(1.2)	ND(0.82)	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	ND(1.2)	ND(0.82)	NA	NA
a,a'-Dimethylphenethylamine		55	ND(1.2)	ND(0.82)	NA	NA
Acenaphthene		2,600	ND(1.2)	ND(0.65)	NA	NA
Acenaphthylene		55	ND(1.2)	ND(0.65)	NA	NA
Acetophenone		0.49	ND(1.2)	ND(0.65)	NA	NA
Aniline		78	180	1.7	NA	NA
Anthracene		14,000	1.5	0.59 J	NA	NA
Aramite		18	ND(1.2)	ND(0.82)	NA	NA
Benzidine		0.0019	ND(2.4) J	ND(1.3)	NA	NA
Benzo(a)anthracene		0.56	1.2	1.5	NA	NA
Benzo(a)pyrene		0.056	0.82 J	1.4	NA	NA
Benzo(b)fluoranthene		0.56	1.5	1.4	NA	NA
Benzo(g,h,i)perylene		55	0.71 J	ND(0.65)	NA	NA
Benzo(k)fluoranthene		5.6	0.52 J	1.5	NA	NA

**TABLE E-143
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 5 (RA-5)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	RA-5-SB-2 0-1 06/12/03	RA-5-SB-2 1-3 06/12/03	RA-5-SB-2-N 0-1 10/10/05	RA-5-SB-2-S 0-1 10/10/05
Semivolatile Organics (continued)						
Benzyl Alcohol		16,000	ND(2.4)	ND(1.3)	NA	NA
bis(2-Chloroethoxy)methane		Not Listed	ND(1.2)	ND(0.65)	NA	NA
bis(2-Chloroethyl)ether		0.18	ND(1.2)	ND(0.65) J	NA	NA
bis(2-Chloroisopropyl)ether		2.5	ND(1.2)	ND(0.65) J	NA	NA
bis(2-Ethylhexyl)phthalate		32	ND(0.59)	ND(0.40)	NA	NA
Butylbenzylphthalate		930	ND(1.2)	ND(0.65)	NA	NA
Chrysene		56	1.6	2.5	NA	NA
Diallate		7.3	ND(1.2)	ND(0.82)	NA	NA
Dibenzo(a,h)anthracene		0.056	ND(1.2)	ND(0.65)	NA	NA
Dibenzofuran		210	ND(1.2)	ND(0.65)	NA	NA
Diethylphthalate		44,000	ND(1.2)	ND(0.65)	NA	NA
Dimethylphthalate		100,000	ND(1.2)	ND(0.65)	NA	NA
Di-n-Butylphthalate		5,500	ND(1.2)	ND(0.65)	NA	NA
Di-n-Octylphthalate		1,100	ND(1.2)	ND(0.65)	NA	NA
Diphenylamine		1,400	ND(1.2)	ND(0.65)	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(1.2)	ND(0.65)	NA	NA
Fluoranthene		2,000	3.4	3.3	NA	NA
Fluorene		1,800	2.3	0.91	NA	NA
Hexachlorobenzene		0.28	ND(1.2)	ND(0.65)	NA	NA
Hexachlorobutadiene		5.7	ND(1.2)	ND(0.65)	NA	NA
Hexachlorocyclopentadiene		380	ND(1.2) J	ND(0.65) J	NA	NA
Hexachloroethane		32	ND(1.2)	ND(0.65)	NA	NA
Hexachlorophene		16	ND(2.4) J	ND(1.3) J	NA	NA
Hexachloropropene		Not Listed	ND(1.2)	ND(0.65) J	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	0.57 J	0.77	NA	NA
Isodrin		Not Listed	ND(1.2)	ND(0.65)	NA	NA
Isophorone		470	ND(1.2)	ND(0.65)	NA	NA
Isosafrole		Not Listed	ND(1.2)	ND(0.82)	NA	NA
Methapyrilene		55	ND(1.2)	ND(0.82)	NA	NA
Methyl Methanesulfonate		Not Listed	ND(1.2)	ND(0.65)	NA	NA
Naphthalene		55	1.0 J	0.56 J	NA	NA
Nitrobenzene		16	ND(1.2)	ND(0.65)	NA	NA
N-Nitrosodiethylamine		0.003	ND(1.2)	ND(0.65)	NA	NA
N-Nitrosodimethylamine		0.0087	ND(1.2)	ND(0.65)	NA	NA
N-Nitroso-di-n-butylamine		0.022	ND(1.2)	ND(0.82)	NA	NA
N-Nitroso-di-n-propylamine		0.063	ND(1.2)	ND(0.65)	NA	NA
N-Nitrosodiphenylamine		91	ND(1.2)	ND(0.65)	NA	NA
N-Nitrosomethylethylamine		0.02	ND(1.2)	ND(0.82)	NA	NA
N-Nitrosomorpholine		0.21	ND(1.2)	ND(0.65)	NA	NA
N-Nitrosopiperidine		0.21	ND(1.2)	ND(0.65)	NA	NA
N-Nitrosopyrrolidine		0.21	ND(1.2)	ND(0.82)	NA	NA
o,o,o-Triethylphosphorothioate		11	ND(1.2)	ND(0.65)	NA	NA
o-Toluidine		1.9	ND(1.2)	ND(0.65)	NA	NA
p-Dimethylaminoazobenzene		0.99	ND(1.2)	ND(0.82)	NA	NA
Pentachlorobenzene		44	ND(1.2)	ND(0.65)	NA	NA
Pentachloroethane		2.8	ND(1.2)	ND(0.65)	NA	NA
Pentachloronitrobenzene		1.7	ND(1.2) J	ND(0.82) J	NA	NA
Pentachlorophenol		2.5	ND(5.9)	ND(3.3)	NA	NA
Phenacetin		640	ND(1.2)	ND(0.82)	NA	NA
Phenanthrene		55	4.6	2.8	NA	NA
Phenol		33,000	8.4	ND(0.65)	NA	NA
Pronamide		4,100	ND(1.2)	ND(0.65)	NA	NA
Pyrene		1,500	5.8	5.1	NA	NA
Pyridine		55	ND(1.2)	ND(0.65)	NA	NA
Safrole		Not Listed	ND(1.2)	ND(0.65)	NA	NA
Thionazin		330	ND(1.2) J	ND(0.65)	NA	NA

**TABLE E-143
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 5 (RA-5)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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:	EPA Region 9 Residential PRGs	RA-5-SB-2 0-1 06/12/03	RA-5-SB-2 1-3 06/12/03	RA-5-SB-2-N 0-1 10/10/05	RA-5-SB-2-S 0-1 10/10/05
Furans					
2,3,7,8-TCDF	Not Applicable	0.0013 Y	0.00016 Y	0.0000049 Y	0.0000011 J
TCDFs (total)	Not Applicable	0.011	0.0037	0.000046	0.000060
1,2,3,7,8-PeCDF	Not Applicable	0.0018 I	0.00046 I	0.0000025 J	0.0000032 J
2,3,4,7,8-PeCDF	Not Applicable	0.00076	0.00013	0.0000040 J	0.0000071 J
PeCDFs (total)	Not Applicable	0.0034	0.00067	0.000046	0.00010
1,2,3,4,7,8-HxCDF	Not Applicable	0.030 I	0.0058 I	0.0000033 J	0.0000047 J
1,2,3,6,7,8-HxCDF	Not Applicable	0.0011	0.00015	0.0000026 J	0.0000045 J
1,2,3,7,8,9-HxCDF	Not Applicable	ND(0.000075)	ND(0.000025)	ND(0.0000012)	ND(0.0000015)
2,3,4,6,7,8-HxCDF	Not Applicable	ND(0.00043) X	0.000078	0.0000045 J	0.000010 J
HxCDFs (total)	Not Applicable	0.044	0.0086	0.000058	0.00014
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.0024	0.00044	0.000014	0.000025
1,2,3,4,7,8,9-HpCDF	Not Applicable	0.00078	0.00018	0.0000013 J	0.0000020 J
HpCDFs (total)	Not Applicable	0.0033	0.00066	0.000035	0.000062
OCDF	Not Applicable	0.0019	0.00033	0.000022 J	0.000034
Dioxins					
2,3,7,8-TCDD	Not Applicable	ND(0.000036)	ND(0.00039) X	ND(0.00000042)	ND(0.00000029)
TCDDs (total)	Not Applicable	0.0018	0.00043	0.0000012 J	0.0000028
1,2,3,7,8-PeCDD	Not Applicable	ND(0.00021)	ND(0.000062)	ND(0.0000012)	0.0000012 J
PeCDDs (total)	Not Applicable	ND(0.00021)	ND(0.000062)	0.0000016 J	0.0000035 J
1,2,3,4,7,8-HxCDD	Not Applicable	0.00066	0.00011	ND(0.0000012)	0.0000014 J
1,2,3,6,7,8-HxCDD	Not Applicable	0.00054	0.00011	0.0000022 J	0.0000034 J
1,2,3,7,8,9-HxCDD	Not Applicable	0.00052	0.00010	0.0000016 J	0.0000024 J
HxCDDs (total)	Not Applicable	0.0017	0.00033	0.000017	0.000027
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.0031	ND(0.00046) X	0.000043	0.000064
HpCDDs (total)	Not Applicable	0.0055	0.00039	0.00011	0.00012
OCDD	Not Applicable	0.0060	0.00077	0.00028	0.00053
Total TEQs (WHO TEFs)	Not Applicable	0.0041	0.00097	0.0000056	0.0000088
Inorganics					
Antimony	30	1.50 B	ND(6.00)	NA	NA
Arsenic	0.38	7.10	7.00	NA	NA
Barium	5,200	48.0	140	NA	NA
Beryllium	150	0.300 B	0.340 B	NA	NA
Cadmium	37	5.10	1.60	NA	NA
Chromium	210	25.0	11.0	NA	NA
Cobalt	3,300	8.90	13.0	NA	NA
Copper	2,800	220	120	NA	NA
Lead	400	260	370	NA	NA
Mercury	22	4.80	0.350	NA	NA
Nickel	1,500	27.0	28.0	NA	NA
Selenium	370	1.00 J	1.10 J	NA	NA
Silver	370	4.70	0.500 B	NA	NA
Thallium	6	1.10 J	ND(1.20) J	NA	NA
Tin	45,000	27.0	23.0	NA	NA
Vanadium	520	16.0	7.80	NA	NA
Zinc	22,000	230	150	NA	NA
Cyanide	11	0.980	0.180 B	NA	NA
Sulfide	350	290	150	NA	NA

**TABLE E-143
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 5 (RA-5)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	RA-5-SB-2-W 0-1 10/11/05	RA-5-SB-5 0-1 06/12/03	RA-5-SB-5 1-3 06/12/03
Volatile Organics					
1,1,1,2-Tetrachloroethane		2.8	NA	ND(0.0064)	ND(0.0073)
1,1,1-Trichloroethane		680	NA	ND(0.0064)	ND(0.0073)
1,1,2,2-Tetrachloroethane		0.36	NA	ND(0.0064)	ND(0.0073)
1,1,2-Trichloroethane		0.82	NA	ND(0.0064)	ND(0.0073)
1,1-Dichloroethane		570	NA	ND(0.0064)	ND(0.0073)
1,1-Dichloroethene		0.052	NA	ND(0.0064)	ND(0.0073)
1,2,3-Trichloropropane		0.0014	NA	ND(0.0064)	ND(0.0073)
1,2-Dibromo-3-chloropropane		0.32	NA	ND(0.0064)	ND(0.0073)
1,2-Dibromoethane		0.0049	NA	ND(0.0064)	ND(0.0073)
1,2-Dichloroethane		0.34	NA	ND(0.0064)	ND(0.0073)
1,2-Dichloropropane		0.34	NA	ND(0.0064)	ND(0.0073)
1,4-Dioxane		40	NA	ND(0.13) J	ND(0.14) J
2-Butanone		6,900	NA	ND(0.013)	ND(0.014)
2-Chloro-1,3-butadiene		3.6	NA	ND(0.0064)	ND(0.0073)
2-Chloroethylvinylether		0.18	NA	ND(0.0064)	ND(0.0073)
2-Hexanone		750	NA	ND(0.013)	ND(0.014)
3-Chloropropene		2,700	NA	ND(0.0064)	ND(0.0073)
4-Methyl-2-pentanone		750	NA	ND(0.013)	ND(0.014)
Acetone		1,400	NA	ND(0.025)	ND(0.029)
Acetonitrile		200	NA	ND(0.13) J	ND(0.14) J
Acrolein		0.1	NA	ND(0.13) J	ND(0.14) J
Acrylonitrile		0.19	NA	ND(0.0064)	ND(0.0073)
Benzene		0.62	NA	ND(0.0064)	ND(0.0073)
Bromodichloromethane		0.98	NA	ND(0.0064)	ND(0.0073)
Bromoform		56	NA	ND(0.0064)	ND(0.0073)
Bromomethane		3.8	NA	ND(0.0064)	ND(0.0073)
Carbon Disulfide		350	NA	ND(0.0064) J	ND(0.0073) J
Carbon Tetrachloride		0.23	NA	ND(0.0064)	ND(0.0073)
Chlorobenzene		54	NA	ND(0.0064)	ND(0.0073)
Chloroethane		1,600	NA	ND(0.0064)	ND(0.0073)
Chloroform		0.24	NA	ND(0.0064)	ND(0.0073)
Chloromethane		1.2	NA	ND(0.0064)	ND(0.0073)
cis-1,3-Dichloropropene		Not Listed	NA	ND(0.0064)	ND(0.0073)
Dibromochloromethane		5.3	NA	ND(0.0064)	ND(0.0073)
Dibromomethane		550	NA	ND(0.0064)	ND(0.0073)
Dichlorodifluoromethane		94	NA	ND(0.0064)	ND(0.0073)
Ethyl Methacrylate		140	NA	ND(0.0064)	ND(0.0073)
Ethylbenzene		230	NA	ND(0.0064)	ND(0.0073)
Iodomethane		1.2	NA	ND(0.0064) J	ND(0.0073) J
Isobutanol		10,000	NA	ND(0.13) J	ND(0.14) J
Methacrylonitrile		1.8	NA	ND(0.0064)	ND(0.0073)
Methyl Methacrylate		2,200	NA	ND(0.0064)	ND(0.0073)
Methylene Chloride		8.5	NA	ND(0.0064)	ND(0.0073)
Propionitrile		200	NA	ND(0.013)	ND(0.014)
Styrene		1,700	NA	ND(0.0064)	ND(0.0073)
Tetrachloroethene		4.7	NA	ND(0.0064)	ND(0.0073)
Toluene		520	NA	ND(0.0064)	ND(0.0073)
trans-1,2-Dichloroethene		62	NA	ND(0.0064)	ND(0.0073)
trans-1,3-Dichloropropene		Not Listed	NA	ND(0.0064)	ND(0.0073)
trans-1,4-Dichloro-2-butene		Not Listed	NA	ND(0.0064)	ND(0.0073)
Trichloroethene		2.7	NA	ND(0.0064)	ND(0.0073)
Trichlorofluoromethane		380	NA	ND(0.0064)	ND(0.0073)
Vinyl Acetate		420	NA	ND(0.0064)	ND(0.0073)
Vinyl Chloride		0.021	NA	ND(0.0064)	ND(0.0073)
Xylenes (total)		210	NA	ND(0.0064)	ND(0.0073)

**TABLE E-143
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 5 (RA-5)**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	RA-5-SB-2-W 0-1 10/11/05	RA-5-SB-5 0-1 06/12/03	RA-5-SB-5 1-3 06/12/03
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		16	NA	ND(0.89)	ND(0.48)
1,2,4-Trichlorobenzene		480	NA	ND(0.89)	ND(0.48)
1,2-Dichlorobenzene		370	NA	ND(0.89)	ND(0.48)
1,2-Diphenylhydrazine		0.56	NA	ND(0.89)	ND(0.48)
1,3,5-Trinitrobenzene		1,600	NA	ND(0.89)	ND(0.48)
1,3-Dichlorobenzene		41	NA	ND(0.89)	ND(0.48)
1,3-Dinitrobenzene		5.5	NA	ND(0.89)	ND(0.97)
1,4-Dichlorobenzene		3	NA	ND(0.89)	ND(0.48)
1,4-Naphthoquinone		55	NA	ND(0.89)	ND(0.97)
1-Naphthylamine		Not Listed	NA	ND(0.89)	ND(0.97)
2,3,4,6-Tetrachlorophenol		1,600	NA	ND(0.89)	ND(0.48)
2,4,5-Trichlorophenol		5,500	NA	ND(0.89)	ND(0.48)
2,4,6-Trichlorophenol		40	NA	ND(0.89)	ND(0.48)
2,4-Dichlorophenol		160	NA	ND(0.89)	ND(0.48)
2,4-Dimethylphenol		1,100	NA	ND(0.89)	ND(0.48)
2,4-Dinitrophenol		110	NA	ND(4.4) J	ND(2.5) J
2,4-Dinitrotoluene		110	NA	ND(0.89)	ND(0.48)
2,6-Dichlorophenol		160	NA	ND(0.89)	ND(0.48)
2,6-Dinitrotoluene		55	NA	ND(0.89)	ND(0.48)
2-Acetylaminofluorene		0.56	NA	ND(0.89)	ND(0.97)
2-Chloronaphthalene		3,700	NA	ND(0.89)	ND(0.48)
2-Chlorophenol		59	NA	ND(0.89)	ND(0.48)
2-Methylnaphthalene		55	NA	ND(0.89)	ND(0.48)
2-Methylphenol		2,700	NA	0.94	0.37 J
2-Naphthylamine		Not Listed	NA	ND(0.89)	ND(0.97)
2-Nitroaniline		3.3	NA	ND(4.4)	ND(2.5)
2-Nitrophenol		Not Listed	NA	ND(0.89)	ND(0.97)
2-Picoline		55	NA	ND(0.89)	ND(0.48)
3&4-Methylphenol		270	NA	1.5	0.46 J
3,3'-Dichlorobenzidine		0.99	NA	ND(1.8)	ND(0.97)
3,3'-Dimethylbenzidine		0.048	NA	ND(0.89)	ND(0.48)
3-Methylcholanthrene		0.056	NA	ND(0.89)	ND(0.97)
3-Nitroaniline		5.5	NA	ND(4.4)	ND(2.5)
4,6-Dinitro-2-methylphenol		55	NA	ND(0.89)	ND(0.48)
4-Aminobiphenyl		1,400	NA	ND(0.89)	ND(0.97)
4-Bromophenyl-phenylether		160	NA	ND(0.89)	ND(0.48)
4-Chloro-3-Methylphenol		2,700	NA	ND(0.89)	ND(0.48)
4-Chloroaniline		220	NA	ND(0.89)	ND(0.48)
4-Chlorobenzilate		1.6	NA	ND(0.89)	ND(0.97)
4-Chlorophenyl-phenylether		Not Listed	NA	ND(0.89)	ND(0.48)
4-Nitroaniline		5.5	NA	ND(2.2)	ND(2.5)
4-Nitrophenol		3,400	NA	ND(4.4) J	ND(2.5) J
4-Nitroquinoline-1-oxide		110	NA	ND(0.89)	ND(0.97)
4-Phenylenediamine		10,000	NA	ND(0.89)	ND(0.97)
5-Nitro-o-toluidine		13	NA	ND(0.89)	ND(0.97)
7,12-Dimethylbenz(a)anthracene		0.056	NA	ND(0.89)	ND(0.97)
a,a'-Dimethylphenethylamine		55	NA	ND(0.89)	ND(0.97)
Acenaphthene		2,600	NA	ND(0.89)	ND(0.48)
Acenaphthylene		55	NA	ND(0.89)	ND(0.48)
Acetophenone		0.49	NA	ND(0.89)	ND(0.48)
Aniline		78	NA	0.45 J	0.34 J
Anthracene		14,000	NA	ND(0.89)	0.22 J
Aramite		18	NA	ND(0.89)	ND(0.97)
Benzidine		0.0019	NA	ND(1.8) J	ND(0.97) J
Benzo(a)anthracene		0.56	NA	0.60 J	0.43 J
Benzo(a)pyrene		0.056	NA	0.59 J	0.36 J
Benzo(b)fluoranthene		0.56	NA	0.99	0.49
Benzo(g,h,i)perylene		55	NA	0.65 J	0.33 J
Benzo(k)fluoranthene		5.6	NA	0.38 J	0.18 J

TABLE E-143
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 5 (RA-5)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	RA-5-SB-2-W 0-1 10/11/05	RA-5-SB-5 0-1 06/12/03	RA-5-SB-5 1-3 06/12/03
Semivolatile Organics (continued)					
Benzyl Alcohol		16,000	NA	ND(1.8)	ND(0.97)
bis(2-Chloroethoxy)methane		Not Listed	NA	ND(0.89)	ND(0.48)
bis(2-Chloroethyl)ether		0.18	NA	ND(0.89)	ND(0.48)
bis(2-Chloroisopropyl)ether		2.5	NA	ND(0.89)	ND(0.48)
bis(2-Ethylhexyl)phthalate		32	NA	1.1	0.36 J
Butylbenzylphthalate		930	NA	1.5	ND(0.48)
Chrysene		56	NA	0.69 J	0.44 J
Diallate		7.3	NA	ND(0.89)	ND(0.97)
Dibenzo(a,h)anthracene		0.056	NA	ND(0.89)	ND(0.48)
Dibenzofuran		210	NA	ND(0.89)	ND(0.48)
Diethylphthalate		44,000	NA	ND(0.89)	ND(0.48)
Dimethylphthalate		100,000	NA	ND(0.89)	ND(0.48)
Di-n-Butylphthalate		5,500	NA	ND(0.89)	ND(0.48)
Di-n-Octylphthalate		1,100	NA	ND(0.89)	ND(0.48)
Diphenylamine		1,400	NA	ND(0.89)	ND(0.48)
Ethyl Methanesulfonate		Not Listed	NA	ND(0.89)	ND(0.48)
Fluoranthene		2,000	NA	1.5	1.1
Fluorene		1,800	NA	ND(0.89)	0.13 J
Hexachlorobenzene		0.28	NA	ND(0.89)	ND(0.48)
Hexachlorobutadiene		5.7	NA	ND(0.89)	ND(0.48)
Hexachlorocyclopentadiene		380	NA	ND(0.89) J	ND(0.48) J
Hexachloroethane		32	NA	ND(0.89)	ND(0.48)
Hexachlorophene		16	NA	ND(1.8) J	ND(0.97) J
Hexachloropropene		Not Listed	NA	ND(0.89)	ND(0.48)
Indeno(1,2,3-cd)pyrene		0.56	NA	0.50 J	0.24 J
Isodrin		Not Listed	NA	ND(0.89)	ND(0.48)
Isophorone		470	NA	ND(0.89)	ND(0.48)
Isosafrole		Not Listed	NA	ND(0.89)	ND(0.97)
Methapyrilene		55	NA	ND(0.89)	ND(0.97)
Methyl Methanesulfonate		Not Listed	NA	ND(0.89)	ND(0.48)
Naphthalene		55	NA	ND(0.89)	ND(0.48)
Nitrobenzene		16	NA	ND(0.89)	ND(0.48)
N-Nitrosodiethylamine		0.003	NA	ND(0.89)	ND(0.48)
N-Nitrosodimethylamine		0.0087	NA	ND(0.89)	ND(0.48)
N-Nitroso-di-n-butylamine		0.022	NA	ND(0.89)	ND(0.97)
N-Nitroso-di-n-propylamine		0.063	NA	ND(0.89)	ND(0.48)
N-Nitrosodiphenylamine		91	NA	ND(0.89)	ND(0.48)
N-Nitrosomethylethylamine		0.02	NA	ND(0.89)	ND(0.97)
N-Nitrosomorpholine		0.21	NA	ND(0.89)	ND(0.48)
N-Nitrosopiperidine		0.21	NA	ND(0.89)	ND(0.48)
N-Nitrosopyrrolidine		0.21	NA	ND(0.89)	ND(0.97)
o,o,o-Triethylphosphorothioate		11	NA	ND(0.89)	ND(0.48)
o-Toluidine		1.9	NA	ND(0.89)	ND(0.48)
p-Dimethylaminoazobenzene		0.99	NA	ND(0.89)	ND(0.97)
Pentachlorobenzene		44	NA	ND(0.89)	ND(0.48)
Pentachloroethane		2.8	NA	ND(0.89)	ND(0.48)
Pentachloronitrobenzene		1.7	NA	ND(0.89) J	ND(0.97) J
Pentachlorophenol		2.5	NA	ND(4.4)	ND(2.5)
Phenacetin		640	NA	ND(0.89)	ND(0.97)
Phenanthrene		55	NA	0.68 J	0.71
Phenol		33,000	NA	4.3	1.5
Pronamide		4,100	NA	ND(0.89)	ND(0.48)
Pyrene		1,500	NA	1.2	1.0
Pyridine		55	NA	ND(0.89)	ND(0.48)
Safrole		Not Listed	NA	ND(0.89)	ND(0.48)
Thionazin		330	NA	ND(0.89) J	ND(0.48) J

**TABLE E-143
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 5 (RA-5)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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:	EPA Region 9 Residential PRGs	RA-5-SB-2-W 0-1 10/11/05	RA-5-SB-5 0-1 06/12/03	RA-5-SB-5 1-3 06/12/03
Furans				
2,3,7,8-TCDF	Not Applicable	0.00021 Y [0.00019 Y]	0.000022 Y	0.000034 Y
TCDFs (total)	Not Applicable	0.0063 I [0.0059]	0.00019	0.00057
1,2,3,7,8-PeCDF	Not Applicable	0.000054 J [0.000062 J]	0.000029 I	0.000054 I
2,3,4,7,8-PeCDF	Not Applicable	0.00078 [0.00090]	0.000024	0.000032
PeCDFs (total)	Not Applicable	0.0090 I [0.011]	0.00060	0.00038
1,2,3,4,7,8-HxCDF	Not Applicable	0.00047 [0.00042]	0.00060 I	ND(0.0000088)
1,2,3,6,7,8-HxCDF	Not Applicable	0.00032 [0.00030]	0.000028	0.000026
1,2,3,7,8,9-HxCDF	Not Applicable	0.00011 [0.00011]	ND(0.0000020)	ND(0.000011)
2,3,4,6,7,8-HxCDF	Not Applicable	0.00063 [0.00074]	0.000051	0.000044
HxCDFs (total)	Not Applicable	0.010 [0.012]	0.0023	0.0014
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.00095 [0.00090]	0.00057	0.00034
1,2,3,4,7,8,9-HpCDF	Not Applicable	0.00021 [0.00018]	ND(0.000028) X	ND(0.000033) X
HpCDFs (total)	Not Applicable	0.0025 [0.0025]	0.00057	0.00034
OCDF	Not Applicable	0.00053 [0.00048]	0.0013	0.00068
Dioxins				
2,3,7,8-TCDD	Not Applicable	0.0000088 J [0.0000079 J]	ND(0.0000015)	ND(0.0000092)
TCDDs (total)	Not Applicable	0.00023 [0.00022]	ND(0.0000015)	ND(0.0000092)
1,2,3,7,8-PeCDD	Not Applicable	ND(0.000075) X [ND(0.000086) X]	ND(0.000010)	ND(0.000030)
PeCDDs (total)	Not Applicable	0.00044 [0.00046 Q]	ND(0.000010)	ND(0.000030)
1,2,3,4,7,8-HxCDD	Not Applicable	0.000053 J [0.000064 J]	0.000029	ND(0.000019)
1,2,3,6,7,8-HxCDD	Not Applicable	0.00010 [0.00012]	0.000088	0.000054
1,2,3,7,8,9-HxCDD	Not Applicable	0.000098 [0.00012]	0.000058	ND(0.000017)
HxCDDs (total)	Not Applicable	0.0010 [0.0011]	0.00018	0.000054
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.0012 [0.0013]	0.0018	0.00092
HpCDDs (total)	Not Applicable	0.0021 [0.0023]	0.0029	0.0015
OCDD	Not Applicable	0.0036 [0.0036]	0.0097	0.0046
Total TEQs (WHO TEFs)	Not Applicable	0.00066 [0.00073]	0.00013	0.000070
Inorganics				
Antimony	30	NA	4.30 B	ND(6.00)
Arsenic	0.38	NA	5.90	1.90
Barium	5,200	NA	54.0	1,600
Beryllium	150	NA	0.240 B	0.710
Cadmium	37	NA	1.00	0.450 B
Chromium	210	NA	34.0	26.0
Cobalt	3,300	NA	11.0	8.10
Copper	2,800	NA	89.0	37.0
Lead	400	NA	190	8.20
Mercury	22	NA	0.0910 B	0.230
Nickel	1,500	NA	26.0	19.0
Selenium	370	NA	ND(1.30) J	ND(1.40) J
Silver	370	NA	0.190 B	0.400 B
Thallium	6	NA	7.70 J	4.80 J
Tin	45,000	NA	ND(10.0)	ND(11.0)
Vanadium	520	NA	22.0	25.0
Zinc	22,000	NA	330	65.0
Cyanide	11	NA	0.0780 B	0.540 B
Sulfide	350	NA	14.0	77.0

**TABLE E-143
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 5 (RA-5)**

**REVISED CONCEPTUAL RD/RA WORK PLAN 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 GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998. Field duplicate sample results are presented in brackets.
- 6.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- J - Estimated Value.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- 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.

Inorganics

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

TABLE E-144
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
RECREATIONAL AREA 5 (RA-5)

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Semivolatile Organics			
1,3-Dichlorobenzene	0.31	41	No
1,4-Dichlorobenzene	0.69	3	No
2,4-Dimethylphenol	0.76	1,100	No
2-Methylnaphthalene	21	55	No
2-Methylphenol	5.6	2,700	No
3&4-Methylphenol	12	270	No
4-Nitrophenol	4.1	3,400	No
Acenaphthene	26	2,600	No
Acenaphthylene	39	55	No
Aniline	180	78	Yes
Anthracene	80	14,000	No
Benzo(a)anthracene	130	0.56	Yes
Benzo(a)pyrene	100	0.056	Yes
Benzo(b)fluoranthene	82	0.56	Yes
Benzo(g,h,i)perylene	60	55	Yes
Benzo(k)fluoranthene	90	5.6	Yes
bis(2-Ethylhexyl)phthalate	1.1	32	No
Butylbenzylphthalate	1.5	930	No
Chrysene	110	56	Yes
Dibenzo(a,h)anthracene	24	0.056	Yes
Dibenzofuran	37	210	No
Fluoranthene	240	2,000	No
Fluorene	39	1,800	No
Indeno(1,2,3-cd)pyrene	65	0.56	Yes
Naphthalene	20	55	No
Phenanthrene	320	55	Yes
Phenol	9.6	33,000	No
Pyrene	340	1,500	No
Inorganics			
Antimony	4.3	30	No
Arsenic	9.5	0.38	Yes
Barium	1,600	5,200	No
Beryllium	0.71	150	No
Cadmium	5.1	37	No
Chromium	34	210	No
Cobalt	13	3,300	No
Copper	220	2,800	No
Cyanide	0.98	11	No
Lead	370	400	No
Mercury	4.8	22	No
Nickel	28	1,500	No
Selenium	1.4	370	No
Silver	4.7	370	No
Sulfide	290	350	No
Thallium	7.7	6	Yes
Tin	27	45,000	No
Vanadium	25	520	No
Zinc	330	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

**TABLE E-145
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 5 (RA-5): 0- TO 1-FOOT DEPTH INCREMENT**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-34-SB-1 0-1 09/16/03	RA-5-SB-2 0-1 06/12/03	RA-5-SB-2-N 0-1 10/10/05	RA-5-SB-2-S 0-1 10/10/05	RA-5-SB-2-W 0-1 10/11/05	RA-5-SB-5 0-1 06/12/03
Semivolatile Organics						
Aniline	1.3	180	--	--	--	0.45
Benzo(a)anthracene	47	1.2	--	--	--	0.60
Benzo(a)pyrene	37	0.82	--	--	--	0.59
Benzo(b)fluoranthene	28	1.5	--	--	--	0.99
Benzo(g,h,i)perylene	12	4.6	--	--	--	0.68
Benzo(k)fluoranthene	36	0.52	--	--	--	0.38
Chrysene	42	1.6	--	--	--	0.69
Dibenzo(a,h)anthracene	3.6	0.60	--	--	--	0.45
Indeno(1,2,3-cd)pyrene	16	0.57	--	--	--	0.50
Phenanthrene	28	4.6	--	--	--	0.68
Dioxins/Furans						
Total TEQs (WHO TEFs)	9.60E-05	4.10E-03	5.60E-06	8.80E-06	7.30E-04	1.30E-04
Inorganics						
Arsenic	7.20	7.10	--	--	--	5.90
Thallium	0.650	1.10	--	--	--	7.70

Sample ID: Sample Depth(Feet): Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics				
Aniline	N/A (See Note 5)	61	Not Listed	Yes
Benzo(a)anthracene	N/A (See Note 5)	16	7	Yes
Benzo(a)pyrene	N/A (See Note 5)	13	2	Yes
Benzo(b)fluoranthene	N/A (See Note 5)	10.2	7	Yes
Benzo(g,h,i)perylene	N/A (See Note 5)	5.8	1,000	No
Benzo(k)fluoranthene	N/A (See Note 5)	12.3	70	No
Chrysene	N/A (See Note 5)	15	7	Yes
Dibenzo(a,h)anthracene	N/A (See Note 5)	1.6	0.7	Yes
Indeno(1,2,3-cd)pyrene	N/A (See Note 5)	5.7	7	No
Phenanthrene	N/A (See Note 5)	11.1	100	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	4.10E-03	N/A (See Note 5)	1.00E-03	Yes
Inorganics				
Arsenic	N/A (See Note 5)	6.73	20	No
Thallium	N/A (See Note 5)	3.15	8	No

See Notes on Page 2

TABLE E-145
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 5 (RA-5): 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
6. Total TEQs concentrations in italics represent the maximum value for the sample location/depth increment in question.
7. -- = Constituent not subject to analysis.

TABLE E-145A
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 5 (RA-5): 0- TO 3-FOOT DEPTH INCREMENT

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID:	09-9-34-SB-1	RA-5-SB-2	RA-5-SB-2-N	RA-5-SB-2-S	RA-5-SB-2-W	RA-5-SB-5
Sample Depth(Feet):	0-1	0-1	0-1	0-1	0-1	0-1
Date Collected:	09/16/03	06/12/03	10/10/05	10/10/05	10/11/05	06/12/03
Semivolatile Organics						
Aniline	1.3	180	--	--	--	0.45
Benzo(a)anthracene	47	1.2	--	--	--	0.60
Benzo(a)pyrene	37	0.82	--	--	--	0.59
Benzo(b)fluoranthene	28	1.5	--	--	--	0.99
Benzo(g,h,i)perylene	12	4.6	--	--	--	0.68
Benzo(k)fluoranthene	36	0.52	--	--	--	0.38
Chrysene	42	1.6	--	--	--	0.69
Dibenzo(a,h)anthracene	3.6	0.60	--	--	--	0.45
Indeno(1,2,3-cd)pyrene	16	0.57	--	--	--	0.50
Phenanthrene	28	4.6	--	--	--	0.68
Dioxins/Furans						
Total TEQs (WHO TEFs)	9.60E-05	4.10E-03	5.60E-06	8.80E-06	7.30E-04	1.30E-04
Inorganics						
Arsenic	7.20	7.10	--	--	--	5.90
Thallium	0.650	1.10	--	--	--	7.70

Sample ID:	RA-5-SB-2	RA-5-SB-5	09-9-34-SB-1	09-9-34-SB-1-NE	09-9-34-SB-1-NW	RA-5-SB-5
Sample Depth(Feet):	1-3	1-3	1-3	1-3	1-3	1-3
Date Collected:	06/12/03	06/12/03	09/16/03	10/11/05	10/25/05	06/12/03
Semivolatile Organics						
Aniline	1.7	0.34	0.18	81	0.19	0.34
Benzo(a)anthracene	1.5	0.43	130	66	2.0	0.43
Benzo(a)pyrene	1.4	0.36	100	43	1.6	0.36
Benzo(b)fluoranthene	1.4	0.49	82	32	1.4	0.49
Benzo(g,h,i)perylene	0.33	0.33	60	21	0.91	0.33
Benzo(k)fluoranthene	1.5	0.18	90	35	1.6	0.18
Chrysene	2.5	0.44	110	61	2.0	0.44
Dibenzo(a,h)anthracene	0.33	0.24	24	3.8	0.19	0.24
Indeno(1,2,3-cd)pyrene	0.77	0.24	65	19	0.82	0.24
Phenanthrene	2.8	0.71	320	85	1.1	0.71
Dioxins/Furans						
Total TEQs (WHO TEFs)	9.70E-04	7.00E-05	4.00E-06	--	--	--
Inorganics						
Arsenic	7.00	1.90	9.50	--	--	--
Thallium	0.600	4.80	0.500	--	--	--

See Notes on Page 2

TABLE E-145A
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 5 (RA-5): 0- TO 3-FOOT DEPTH INCREMENT

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	COMP-I9-9-34-SB-1 1-3 (See Note 1)	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Semivolatile Organics					
Aniline	20.4	N/A (See Note 6)	34	Not Listed	Yes
Benzo(a)anthracene	49.6	N/A (See Note 6)	17	7	Yes
Benzo(a)pyrene	36.1	N/A (See Note 6)	13	2	Yes
Benzo(b)fluoranthene	28.8	N/A (See Note 6)	10	7	Yes
Benzo(g,h,i)perylene	20.6	N/A (See Note 6)	6.4	1,000	No
Benzo(k)fluoranthene	31.7	N/A (See Note 6)	12	70	No
Chrysene	43.4	N/A (See Note 6)	15	70	No
Dibenzo(a,h)anthracene	7.0	N/A (See Note 6)	2.0	0.7	Yes
Indeno(1,2,3-cd)pyrene	21.3	N/A (See Note 6)	6.6	7	No
Phenanthrene	101.7	N/A (See Note 6)	23	500	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	4.10E-03	N/A (See Note 6)	1.00E-03	Yes
Inorganics					
Arsenic	--	N/A (See Note 6)	6.43	20	No
Thallium	--	N/A (See Note 6)	2.56	8	No

Notes:

- The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): I9-9-34-SB-1 (1-3'; 9/16/03), I9-9-34-SB-1-NE (1-3'; 10/11/05), RA-5-SB-5 (1-3'; 6/12/03), and I9-9-34-SB-1-NW (1-3'; 10/25/05).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Not analyzed.

TABLE E-146
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 5 (RA-5): 1- TO 3-FOOT DEPTH INCREMENT

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	RA-5-SB-2 1-3 06/12/03	RA-5-SB-5 1-3 06/12/03	I9-9-34-SB-1 1-3 09/16/03	I9-9-34-SB-1-NE 1-3 10/11/05	I9-9-34-SB-1-NW 1-3 10/25/05	RA-5-SB-5 1-3 06/12/03
Semivolatile Organics						
Aniline	1.7	0.34	0.18	81	0.19	0.34
Benzo(a)anthracene	1.5	0.43	130	66	2.0	0.43
Benzo(a)pyrene	1.4	0.36	100	43	1.6	0.36
Benzo(b)fluoranthene	1.4	0.49	82	32	1.4	0.49
Benzo(g,h,i)perylene	0.33	0.33	60	21	0.91	0.33
Benzo(k)fluoranthene	1.5	0.18	90	35	1.6	0.18
Chrysene	2.5	0.44	110	61	2.0	0.44
Dibenzo(a,h)anthracene	0.33	0.24	24	3.8	0.19	0.24
Indeno(1,2,3-cd)pyrene	0.77	0.24	65	19	0.82	0.24
Phenanthrene	2.8	0.71	320	85	1.1	0.71
Dioxins/Furans						
Total TEQs (WHO TEFs)	9.70E-04	7.00E-05	4.00E-06	--	--	--
Inorganics						
Arsenic	7.00	1.90	9.50	--	--	--
Thallium	0.600	4.80	0.500	--	--	--

Sample ID: Sample Depth(Feet): Date Collected:	COMP-I9-9-34-SB-1 1-3 (See Note 1)	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Semivolatile Organics					
Aniline	20	N/A (See Note 6)	7.5	Not Listed	Yes
Benzo(a)anthracene	50	N/A (See Note 6)	17	7	Yes
Benzo(a)pyrene	36	N/A (See Note 6)	13	2	Yes
Benzo(b)fluoranthene	29	N/A (See Note 6)	10	7	Yes
Benzo(g,h,i)perylene	21	N/A (See Note 6)	7.1	1,000	No
Benzo(k)fluoranthene	32	N/A (See Note 6)	11	70	No
Chrysene	43	N/A (See Note 6)	15	70	No
Dibenzo(a,h)anthracene	7.0	N/A (See Note 6)	2.5	0.7	Yes
Indeno(1,2,3-cd)pyrene	21	N/A (See Note 6)	7.4	7	Yes
Phenanthrene	102	N/A (See Note 6)	35	500	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	9.70E-04	N/A (See Note 6)	1.50E-03	No
Inorganics					
Arsenic	--	N/A (See Note 6)	6.13	20	No
Thallium	--	N/A (See Note 6)	1.97	8	No

See Notes on Page 2

TABLE E-146
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 5 (RA-5): 1- TO 3-FOOT DEPTH INCREMENT

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): I9-9-34-SB-1 (1-3'; 9/16/03), I9-9-34-SB-1-NE (1-3'; 10/11/05), RA-5-SB-5 (1-3'; 6/12/03), and I9-9-34-SB-1-NW (1-3'; 10/25/05).
2. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
3. With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
4. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
5. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
6. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
7. -- = Not analyzed.

**TABLE E-147
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 5 (RA-5): 0- TO 1-FOOT DEPTH INCREMENT**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-34-SB-1 0-1 09/16/03	RA-5-SB-2 0-1 06/12/03	RA-5-SB-2-N 0-1 10/10/05	RA-5-SB-2-S 0-1 10/10/05	RA-5-SB-2-W 0-1 10/11/05	RA-5-SB-5 0-1 06/12/03
Semivolatile Organics						
Aniline	0.192	180	--	--	--	0.45
Benzo(a)anthracene	0.198	1.2	--	--	--	0.60
Benzo(a)pyrene	0.198	0.82	--	--	--	0.59
Benzo(b)fluoranthene	0.198	1.5	--	--	--	0.99
Benzo(g,h,i)perylene	0.198	4.6	--	--	--	0.68
Benzo(k)fluoranthene	0.198	0.52	--	--	--	0.38
Chrysene	0.198	1.6	--	--	--	0.69
Dibenzo(a,h)anthracene	0.256	0.60	--	--	--	0.45
Indeno(1,2,3-cd)pyrene	0.256	0.57	--	--	--	0.50
Phenanthrene	0.198	4.6	--	--	--	0.68
Dioxins/Furans						
Total TEQs (WHO TEFs)	9.60E-05	1.00E-06	5.60E-06	8.80E-06	7.30E-04	1.30E-04
Inorganics						
Arsenic	7.20	7.10	--	--	--	5.90
Thallium	0.650	1.10	--	--	--	7.70

Sample ID: Sample Depth(Feet): Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics				
Aniline	N/A (See Note 5)	60	Not Listed	Yes
Benzo(a)anthracene	N/A (See Note 5)	1	7	No
Benzo(a)pyrene	N/A (See Note 5)	1	2	No
Benzo(b)fluoranthene	N/A (See Note 5)	0.9	7	No
Benzo(g,h,i)perylene	N/A (See Note 5)	1.8	1,000	No
Benzo(k)fluoranthene	N/A (See Note 5)	0.4	70	No
Chrysene	N/A (See Note 5)	1	7	No
Dibenzo(a,h)anthracene	N/A (See Note 5)	0.4	0.7	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 5)	0.4	7	No
Phenanthrene	N/A (See Note 5)	1.8	100	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	7.30E-04	N/A (See Note 5)	1.00E-03	No
Inorganics				
Arsenic	N/A (See Note 5)	6.73	20	No
Thallium	N/A (See Note 5)	3.15	8	No

See Notes on Page 2

TABLE E-147
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 5 (RA-5): 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
6. Total TEQs concentrations in italics represent the maximum value for the sample location/depth increment in question.
7. -- = Constituent not subject to analysis.
8. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.
9. Given that: (1) the average existing concentration in the 0- to 1-foot depth increment (45 ppm) is below the EPA PRG for aniline (78 ppm); and (2) the soil in and around location RA-5-SB-2 will be removed to a depth of 1 foot below ground surface to address PCBs and dioxins/furans, GE does not believe that there is a need for delineation sampling or additional remediation for aniline at this parcel.

TABLE E-147A
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 5 (RA-5): 0- TO 3-FOOT DEPTH INCREMENT

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID:	I9-9-34-SB-1	RA-5-SB-2	RA-5-SB-2-N	RA-5-SB-2-S	RA-5-SB-2-W	RA-5-SB-5
Sample Depth(Feet):	0-1	0-1	0-1	0-1	0-1	0-1
Date Collected:	09/16/03	06/12/03	10/10/05	10/10/05	10/11/05	06/12/03
Semivolatile Organics						
Aniline	0.192	180	--	--	--	0.45
Benzo(a)anthracene	0.198	1.2	--	--	--	0.60
Benzo(a)pyrene	0.198	0.82	--	--	--	0.59
Benzo(b)fluoranthene	0.198	1.5	--	--	--	0.99
Benzo(g,h,i)perylene	0.198	4.6	--	--	--	0.68
Benzo(k)fluoranthene	0.198	0.52	--	--	--	0.38
Chrysene	0.198	1.6	--	--	--	0.69
Dibenzo(a,h)anthracene	0.256	0.60	--	--	--	0.45
Indeno(1,2,3-cd)pyrene	0.256	0.57	--	--	--	0.50
Phenanthrene	0.198	4.6	--	--	--	0.68
Dioxins/Furans						
Total TEQs (WHO TEFs)	9.60E-05	1.00E-06	5.60E-06	8.80E-06	7.30E-04	1.30E-04
Inorganics						
Arsenic	7.20	7.10	--	--	--	5.90
Thallium	0.650	1.10	--	--	--	7.70

Sample ID:	RA-5-SB-2	RA-5-SB-5	I9-9-34-SB-1	I9-9-34-SB-1-NE	I9-9-34-SB-1-NW	RA-5-SB-5
Sample Depth(Feet):	1-3	1-3	1-3	1-3	1-3	1-3
Date Collected:	06/12/03	06/12/03	09/16/03	10/11/05	10/25/05	06/12/03
Semivolatile Organics						
Aniline	1.7	0.34	0.192	0.192	0.19	0.34
Benzo(a)anthracene	1.5	0.43	0.198	0.198	2.0	0.43
Benzo(a)pyrene	1.4	0.36	0.198	0.198	1.6	0.36
Benzo(b)fluoranthene	1.4	0.49	0.198	0.198	1.4	0.49
Benzo(g,h,i)perylene	0.33	0.33	0.198	0.198	0.91	0.33
Benzo(k)fluoranthene	1.5	0.18	0.198	0.198	1.6	0.18
Chrysene	2.5	0.44	0.198	0.198	2.0	0.44
Dibenzo(a,h)anthracene	0.33	0.24	0.256	0.256	0.19	0.24
Indeno(1,2,3-cd)pyrene	0.77	0.24	0.256	0.256	0.82	0.24
Phenanthrene	2.8	0.71	0.198	0.198	1.1	0.71
Dioxins/Furans						
Total TEQs (WHO TEFs)	9.70E-04	7.00E-05	4.00E-06	--	--	--
Inorganics						
Arsenic	7.00	1.90	9.50	--	--	--
Thallium	0.600	4.80	0.500	--	--	--

See Notes on Page 2

TABLE E-147A
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 5 (RA-5): 0- TO 3-FOOT DEPTH INCREMENT

REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	COMP-I9-9-34-SB-1 1-3 (See Note 1)	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Semivolatile Organics					
Aniline	0.2	N/A (See Note 6)	30	Not Listed	Yes
Benzo(a)anthracene	0.7	N/A (See Note 6)	0.77	7	No
Benzo(a)pyrene	0.6	N/A (See Note 6)	0.66	2	No
Benzo(b)fluoranthene	0.6	N/A (See Note 6)	0.86	7	No
Benzo(g,h,i)perylene	0.4	N/A (See Note 6)	1.1	1,000	No
Benzo(k)fluoranthene	0.5	N/A (See Note 6)	0.55	70	No
Chrysene	0.7	N/A (See Note 6)	1.0	70	No
Dibenzo(a,h)anthracene	0.2	N/A (See Note 6)	0.4	0.7	No
Indeno(1,2,3-cd)pyrene	0.4	N/A (See Note 6)	0.5	7	No
Phenanthrene	0.6	N/A (See Note 6)	1.6	500	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	9.70E-04	N/A (See Note 6)	1.00E-03	No
Inorganics					
Arsenic	--	N/A (See Note 6)	6.43	20	No
Thallium	--	N/A (See Note 6)	2.56	8	No

Notes:

- The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): I9-9-34-SB-1 (1-3'; 9/16/03), I9-9-34-SB-1-NE (1-3'; 10/11/05), RA-5-SB-5 (1-3'; 6/12/03), and I9-9-34-SB-1-NW (1-3'; 10/25/05).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Not analyzed.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.
- Given that the average existing concentration in the 0- to 3-foot depth increment (30 ppm) is well below the EPA PRG for aniline (78 ppm), GE does not believe that there is a need for delineation sampling or additional remediation for aniline at this parcel.

**TABLE E-148
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 5 (RA-5): 1- TO 3-FOOT DEPTH INCREMENT**

**REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	RA-5-SB-2 1-3 06/12/03	RA-5-SB-5 1-3 06/12/03	I9-9-34-SB-1-NW 1-3 10/11/05	I9-9-34-SB-1 1-3 09/16/03	I9-9-34-SB-1-NE 1-3 10/11/05
Semivolatile Organics					
Aniline	1.7	0.34	0.19	0.192	0.192
Benzo(a)anthracene	1.5	0.43	2.0	0.198	0.198
Benzo(a)pyrene	1.4	0.36	1.6	0.198	0.198
Benzo(b)fluoranthene	1.4	0.49	1.4	0.198	0.198
Benzo(g,h,i)perylene	0.33	0.33	0.91	0.198	0.198
Benzo(k)fluoranthene	1.5	0.18	1.6	0.198	0.198
Chrysene	2.5	0.44	2.0	0.198	0.198
Dibenzo(a,h)anthracene	0.33	0.24	0.19	0.256	0.256
Indeno(1,2,3-cd)pyrene	0.77	0.24	0.82	0.256	0.256
Phenanthrene	2.8	0.71	1.1	0.198	0.198
Dioxins/Furans					
Total TEQs (WHO TEFs)	9.70E-04	7.00E-05		4.00E-06	--
Inorganics					
Arsenic	7.00	1.90	--	9.50	--
Thallium	0.600	4.80	--	0.500	--

Sample ID: Sample Depth(Feet): Date Collected:	COMP-I9-9-34-SB-1 1-3 (See Note 1)	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Semivolatile Organics					
Aniline	0.23	N/A (See Note 6)	0.97 (See Note 9)	Not Listed	(See Note 9)
Benzo(a)anthracene	0.71	N/A (See Note 6)	1.1	7	No
Benzo(a)pyrene	0.59	N/A (See Note 6)	0.99	2	No
Benzo(b)fluoranthene	0.57	N/A (See Note 6)	0.99	7	No
Benzo(g,h,i)perylene	0.41	N/A (See Note 6)	0.37	1,000	No
Benzo(k)fluoranthene	0.54	N/A (See Note 6)	1.0	70	No
Chrysene	0.71	N/A (See Note 6)	1.6	70	No
Dibenzo(a,h)anthracene	0.24	N/A (See Note 6)	0.28	0.7	No
Indeno(1,2,3-cd)pyrene	0.39	N/A (See Note 6)	0.58	7	No
Phenanthrene	0.55	N/A (See Note 6)	1.7	500	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	9.70E-04	N/A (See Note 6)	1.50E-03	No
Inorganics					
Arsenic	--	N/A (See Note 6)	6.13	20	No
Thallium	--	N/A (See Note 6)	1.97	8	No

See Notes on Page 2

TABLE E-148
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 5 (RA-5): 1- TO 3-FOOT DEPTH INCREMENT

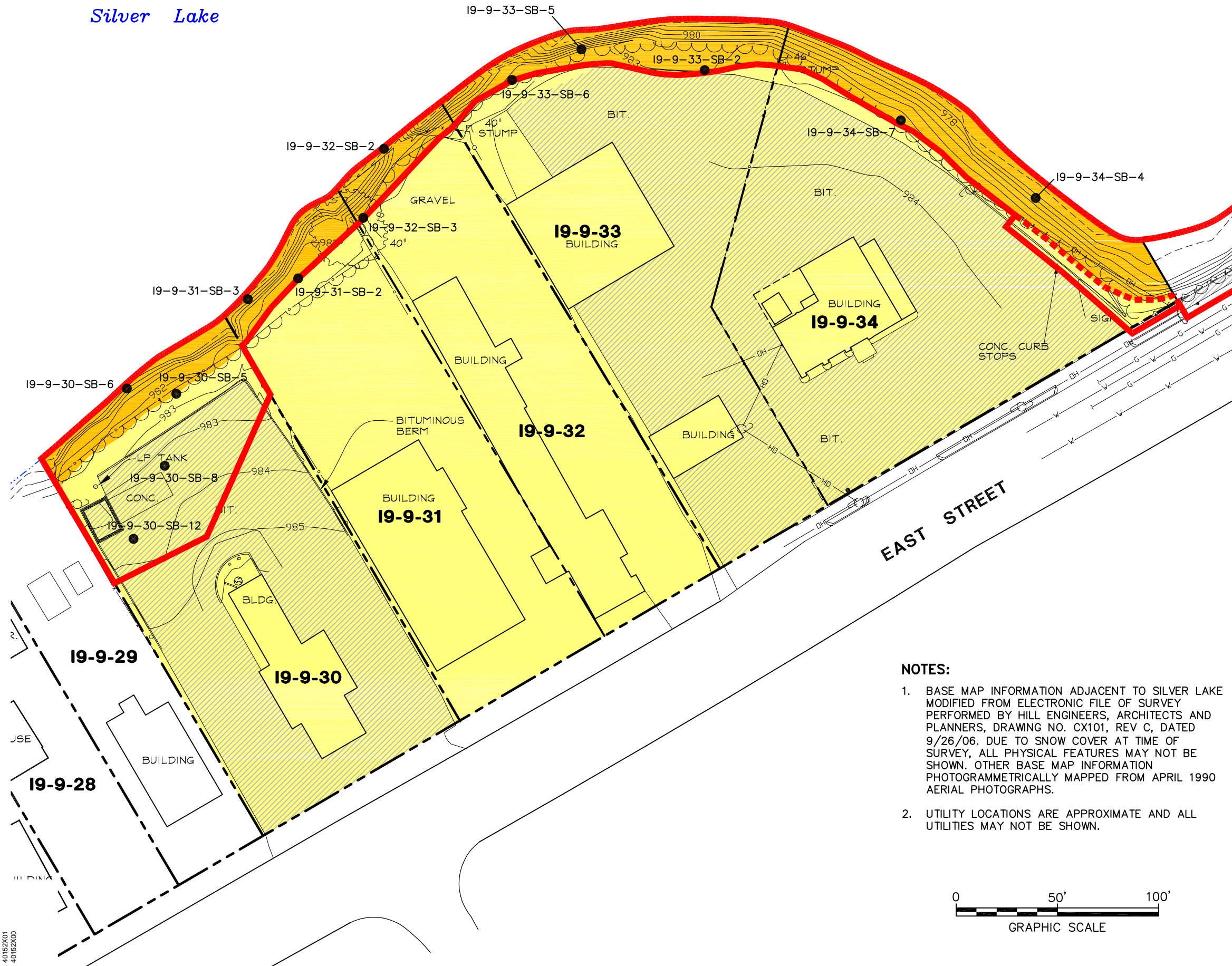
REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): I9-9-34-SB-1-NE (1-3'; 10/11/05), I9-9-34-SB-1-NW (1-3'; 10/25/05), RA-5-SB-5 (1-3'; 6/12/03), and I9-9-34-SB-1 (1-3'; 9/16/03).
2. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
3. With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
4. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
5. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
6. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
7. -- = Not analyzed.
8. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.
9. Given that the average existing concentration in the 1- to 3-foot depth increment (0.97 ppm) is well below the EPA PRG for aniline (78 ppm), GE does not believe that there is a need for delineation sampling or additional remediation for aniline at this parcel.

Silver Lake

CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/LAF KEW LD: DMW PIC: PM: A. RIZZO TM: LXR: ONL-OFF-REF*
 G:\CAD\GE-CAD\N-ACT\B0040152\0000\0002\DWG\FINAL\WORKPLAN\0152G13.DWG LAYOUT: E-1(1)SAVED: 10/20/2008 4:47 PM ACADVER: 17.05 (LMS TECH)PAGESETUP: ---PLOTSTYLETABLE: PLT\FULL.CTB PLOTTED: 10/22/2008 12:41 PM BY: DECLERCO, BRIAN
 XREFS: 40152X04 40152X01 40152X00
 IMAGES: PROJECTNAME: ---



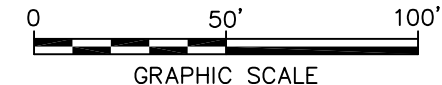
LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- 19-9-30** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- GUARDRAIL
- WOODEN FENCE
- WIRE FENCE
- CHAIN LINK FENCE
- DECIDUOUS TREE
- UTILITY POLE
- OVERHEAD ELECTRIC
- GAS LINE
- WATER LINE
- COMMERCIAL PROPERTY
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- PAVED AREAS
- SOIL BORING LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)



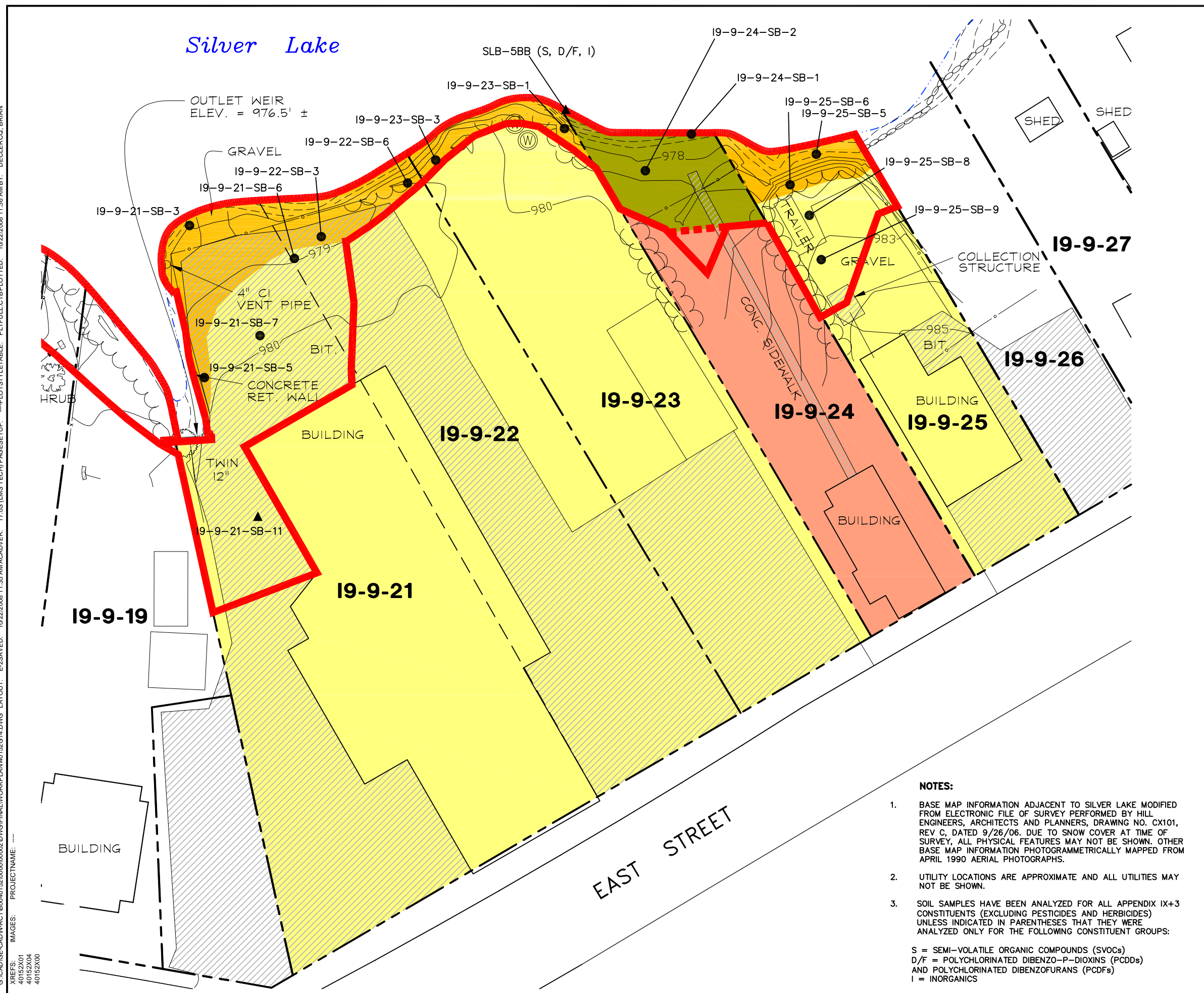
NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.



GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**
**EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (PARCELS 19-9-30, -31, -33, AND -34)
 [0- TO 1- FOOT DEPTH INTERVAL]**

CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/LAF KEW LD: DMW PIC: PM-A. RIZZO TM: LYR: ONE-OFF-REF*
 G:\CAD\GE-CAD\N-ACT\B0040152\0000\0002\DWG\FINAL\WORKPLAN\40152G14.DWG LAYOUT: E:2SAVED: 10/22/2008 11:35 AMACADVER: 17.05 (LMS TECH) PAGES: 17
 PLOTSTYLETABLE: PLT\FULL.CTB PLOTTED: 10/22/2008 11:38 AMBY: DECLERCO, BRIAN
 XREFS: 40152X01 40152X04 40152X00



LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-30** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- WIRE FENCE
- CHAIN LINK FENCE
- RETAINING WALL
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- RESIDENTIAL PROPERTIES
- COMMERCIAL PROPERTY
- PAVED AREAS
- SURFACE SOIL SAMPLE LOCATION
- SOIL BORING LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)



NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
3. SOIL SAMPLES HAVE BEEN ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE ANALYZED ONLY FOR THE FOLLOWING CONSTITUENT GROUPS:

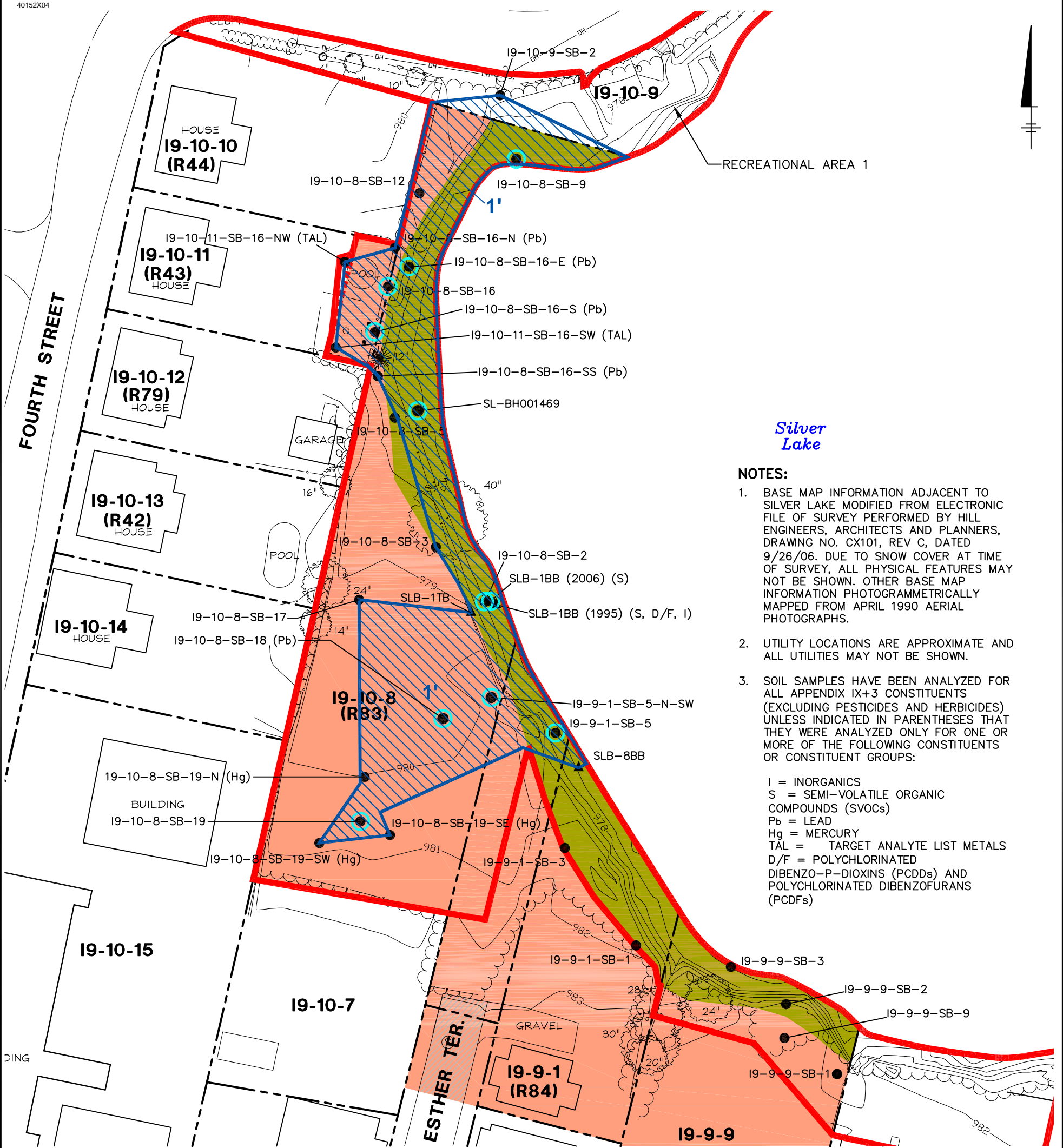
S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)
 D/F = POLYCHLORINATED DIBENZO-P-DIOXINS (PCDDs) AND POLYCHLORINATED DIBENZOFURANS (PCDFs)
 I = INORGANICS

GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (PARCELS 19-9-21, -22, -23, -24,
 AND -25) [0- TO 1-FOOT DEPTH INTERVAL]**

FIGURE
E-2

XREFS: IMAGES: PROJECTNAME: ---
 40152X01
 40152X04



Silver Lake

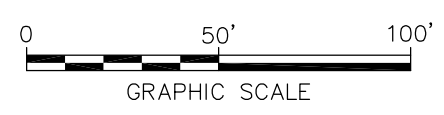
NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
3. SOIL SAMPLES HAVE BEEN ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE ANALYZED ONLY FOR ONE OR MORE OF THE FOLLOWING CONSTITUENTS OR CONSTITUENT GROUPS:

- I = INORGANICS
- S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)
- Pb = LEAD
- Hg = MERCURY
- TAL = TARGET ANALYTE LIST METALS
- D/F = POLYCHLORINATED DIBENZO-P-DIOXINS (PCDDs) AND POLYCHLORINATED DIBENZOFURANS (PCDFs)

LEGEND:

- | | | | |
|----------------|--|--|--|
| | APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY) | | PAVED AREAS |
| | APPROXIMATE PROPERTY LINE | | RESIDENTIAL PROPERTY |
| 19-10-8 | PROPERTY ID | | BANK PORTIONS OF RESIDENTIAL PROPERTIES |
| (R83) | EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER | | SOIL BORING LOCATION |
| | SURFACE ELEVATION (1-FT CONTOUR) | | SURFACE SOIL SAMPLE LOCATION |
| | EDGE OF BUSHES | | APPENDIX IX+3 SAMPLE LOCATION SUBJECT TO REMOVAL |
| | GUARDRAIL | | MEAN WATER ELEV (975.9) (APPROXIMATE) |
| | WOODEN FENCE | | PROPOSED REMOVAL DEPTH (FEET) |
| | WIRE FENCE | | PROPOSED REMOVAL AREA |
| | CHAIN LINK FENCE | | |
| | DECIDUOUS TREE | | |
| | CONIFEROUS TREE | | |
| | UTILITY POLE | | |
| | OVERHEAD ELECTRIC | | |
| | SIGN | | |



GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (PARCELS 19-9-1 & -9, 19-10-8 & -11)
 [0- TO 1-FOOT DEPTH INTERVAL]**

ARCADIS

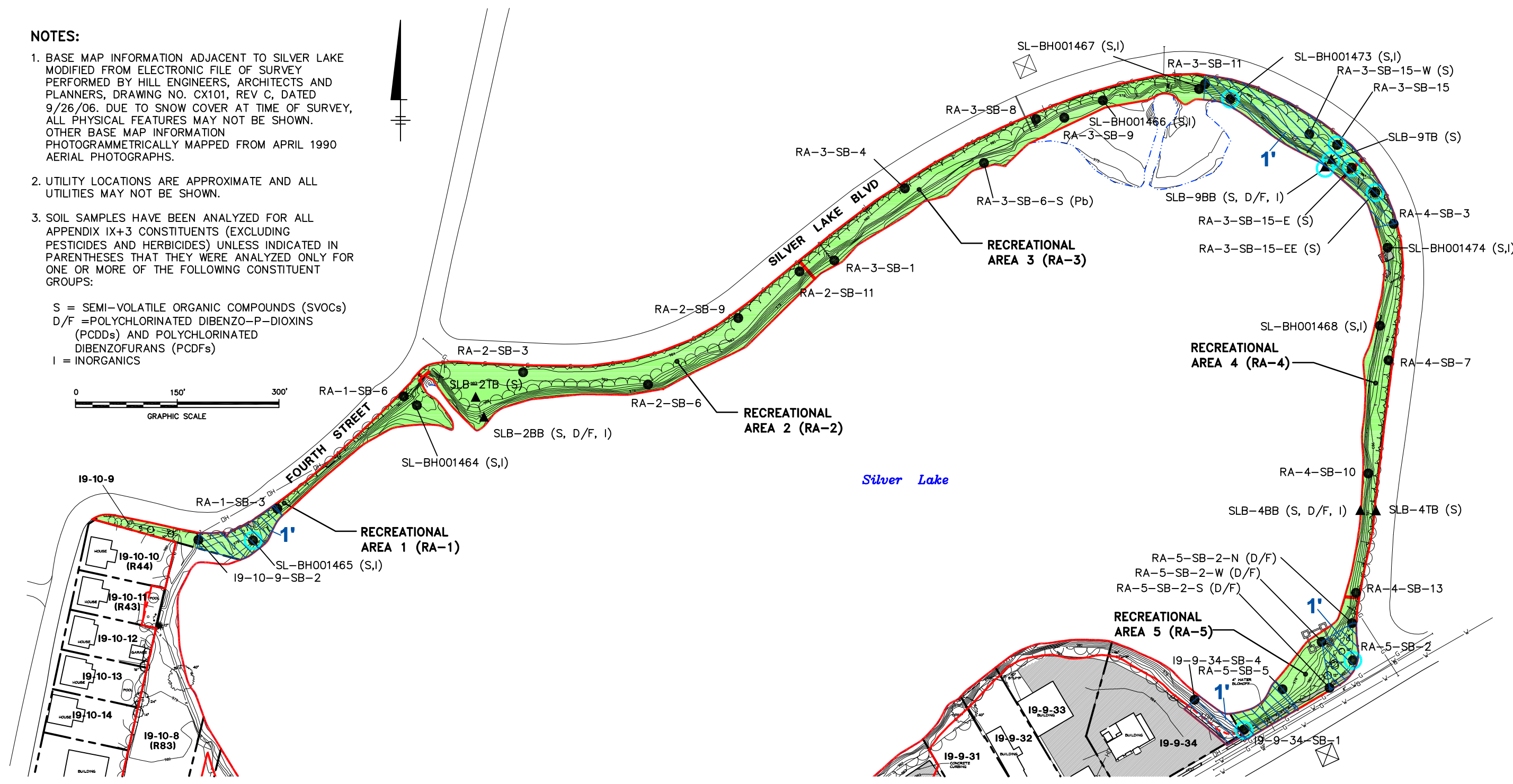
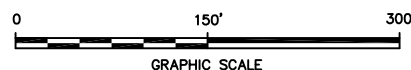
FIGURE
E-4

CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/LAF DMW KEW ID: DMW PIC: PM: A. RIZZO TM: LVR: ON="OFF"-REF*
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 XREFS: 40152X01 40152X00 40152X04
 IMAGES: PROJECTNAME:

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
3. SOIL SAMPLES HAVE BEEN ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE ANALYZED ONLY FOR ONE OR MORE OF THE FOLLOWING CONSTITUENT GROUPS:

S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)
 D/F = POLYCHLORINATED DIBENZO-P-DIOXINS (PCDDs) AND POLYCHLORINATED DIBENZOFURANS (PCDFs)
 I = INORGANICS



LEGEND:

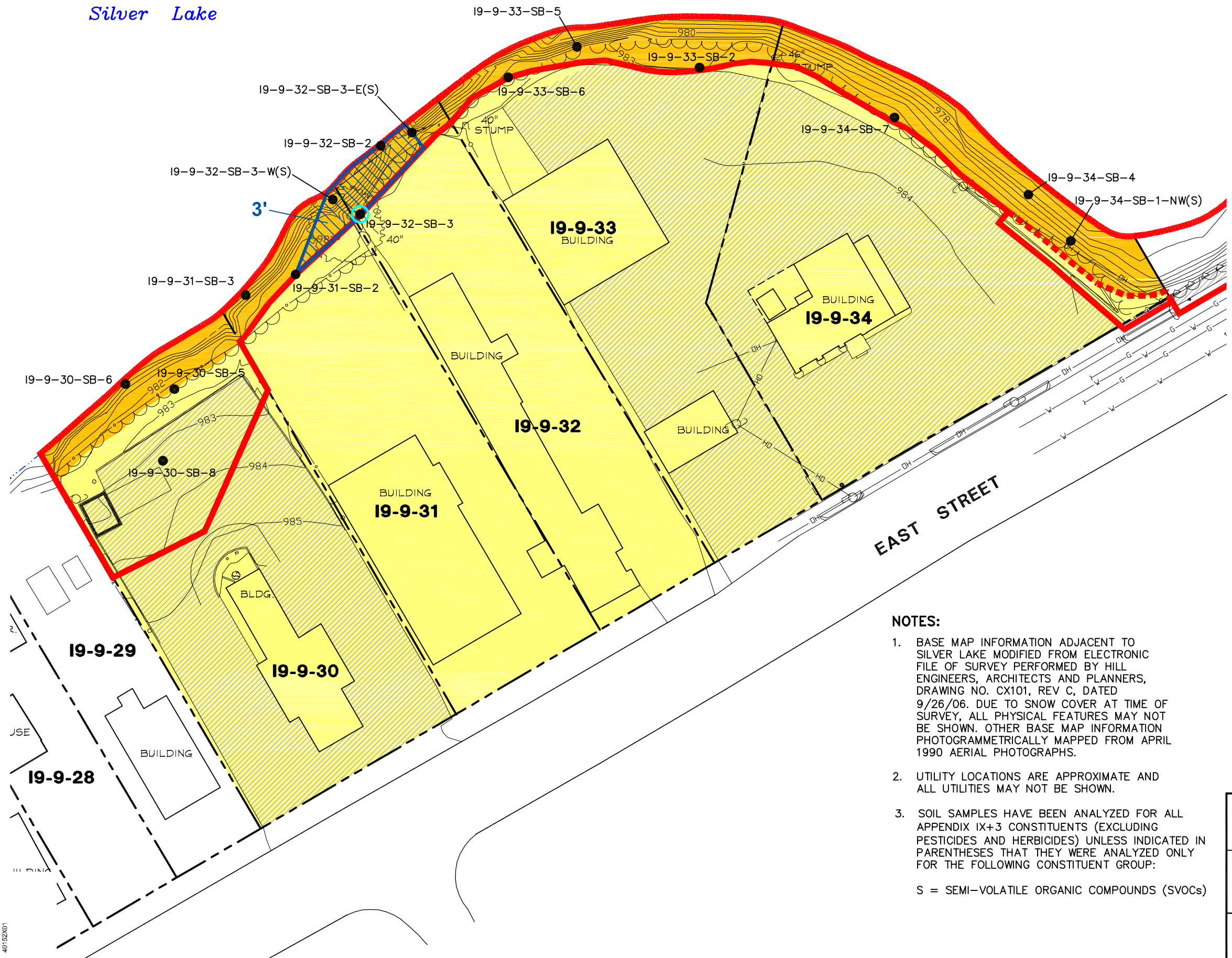
- | | | |
|--|------------------|--|
| APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY) | CHAIN LINK FENCE | UTILITY POLE |
| APPROXIMATE PROPERTY LINE | DECIDUOUS TREE | SIGN |
| 19-9-23 PROPERTY ID | CONIFEROUS TREE | ELECTRIC METER |
| MEAN WATER ELEV (975.9) (APPROX.) | GAS SERVICE | RECREATIONAL AVERAGING AREA SUBJECT TO PRE-DESIGN INVESTIGATIONS |
| SURFACE ELEVATION (1-FT CONTOUR) | WATER SERVICE | PROPOSED REMOVAL AREA |
| EDGE OF BUSHES | STORM SEWER | PAVED AREA |
| GUARDRAIL | SANITARY MANHOLE | APPENDIX IX+3 SAMPLE LOCATION SUBJECT TO REMOVAL |
| | CATCH BASIN | |

- SURFACE SOIL SAMPLE LOCATION
- SOIL SAMPLE LOCATION
- PROPOSED REMOVAL AREA
- PROPOSED REMOVAL DEPTH (FEET)

GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**
**EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (RECREATIONAL AREAS)
 [0- TO 1-FOOT DEPTH INTERVAL]**

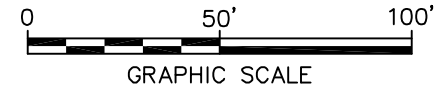
Silver Lake

CITY: SYRACUSE DIM/GROUP: 141 DB: DMW/LAF/NE/LD: DNW/PIC: PNA/R/RIZZO TIN: LYR: ONE/OFF/REF*
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 XREFS: 40152X04 40152X01
 IMAGES: PROJECTNAME:



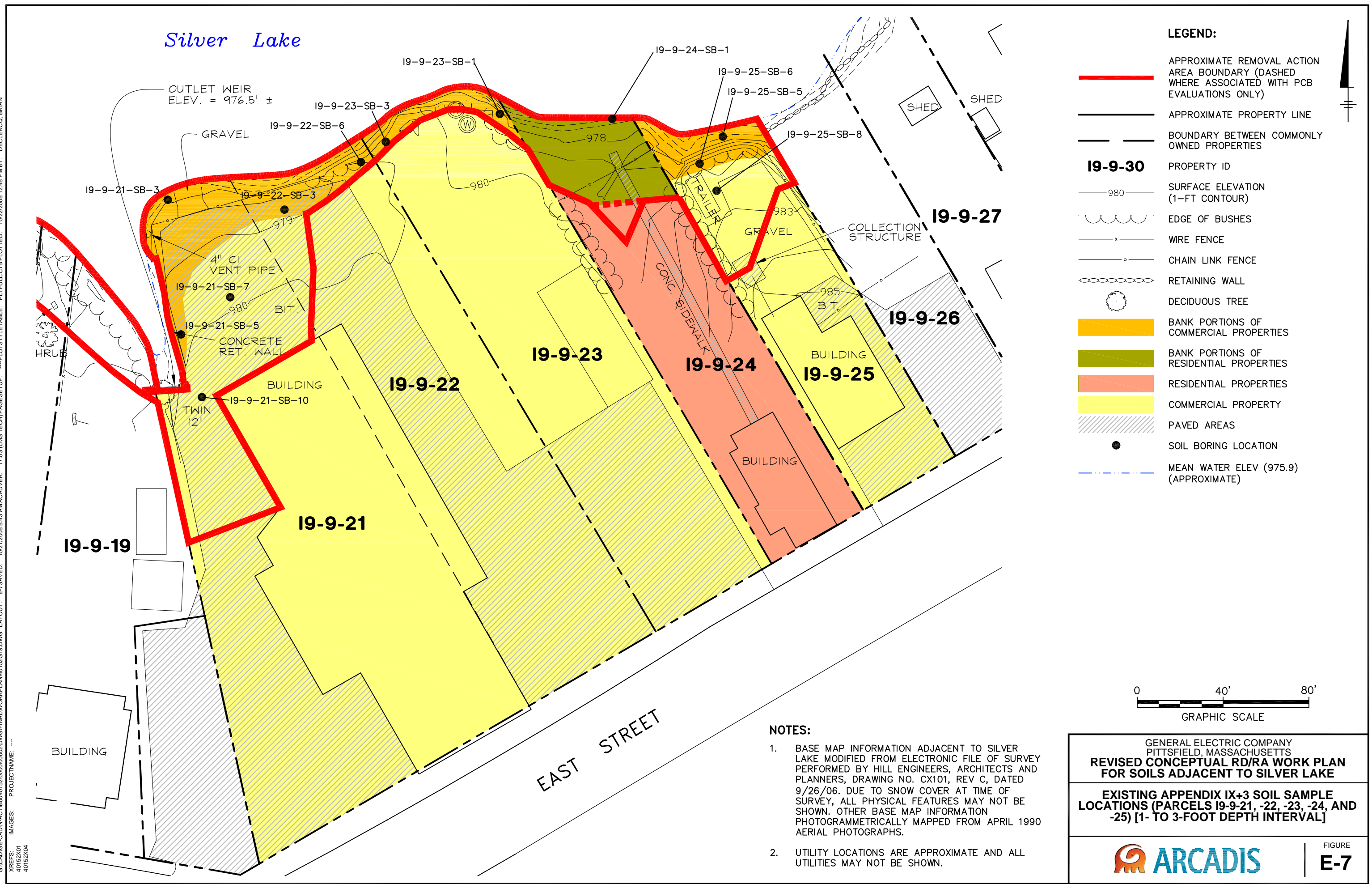
- LEGEND:**
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
 - APPROXIMATE PROPERTY LINE
 - 19-9-30** PROPERTY ID
 - SURFACE ELEVATION (1-FT CONTOUR)
 - EDGE OF BUSHES
 - GUARDRAIL
 - WOODEN FENCE
 - WIRE FENCE
 - CHAIN LINK FENCE
 - DECIDUOUS TREE
 - UTILITY POLE
 - OVERHEAD ELECTRIC
 - GAS LINE
 - WATER LINE
 - COMMERCIAL PROPERTY
 - BANK PORTIONS OF COMMERCIAL PROPERTIES
 - PAVED AREAS
 - SOIL BORING LOCATION
 - MEAN WATER ELEV (975.9) (APPROXIMATE)
 - APPENDIX IX+3 SAMPLE LOCATION SUBJECT TO REMOVAL
 - 3' PROPOSED REMOVAL DEPTH (FEET)
 - PROPOSED REMOVAL AREA

- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
 3. SOIL SAMPLES HAVE BEEN ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE ANALYZED ONLY FOR THE FOLLOWING CONSTITUENT GROUP:
S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)



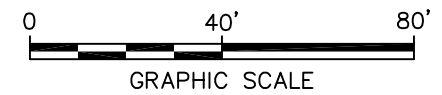
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**
**EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (PARCELS 19-9-30, -31, -32, -33, AND
 -34) [1- TO 3-FOOT DEPTH INTERVAL]**

CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/LAF/REV LD: DMW PIC: PM: A. RIZZO TM: LXR: ONL-OFF-REF
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 XREFS: IMAGES: PROJECTNAME: ---



LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-30** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- WIRE FENCE
- CHAIN LINK FENCE
- RETAINING WALL
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- RESIDENTIAL PROPERTIES
- COMMERCIAL PROPERTY
- PAVED AREAS
- SOIL BORING LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)



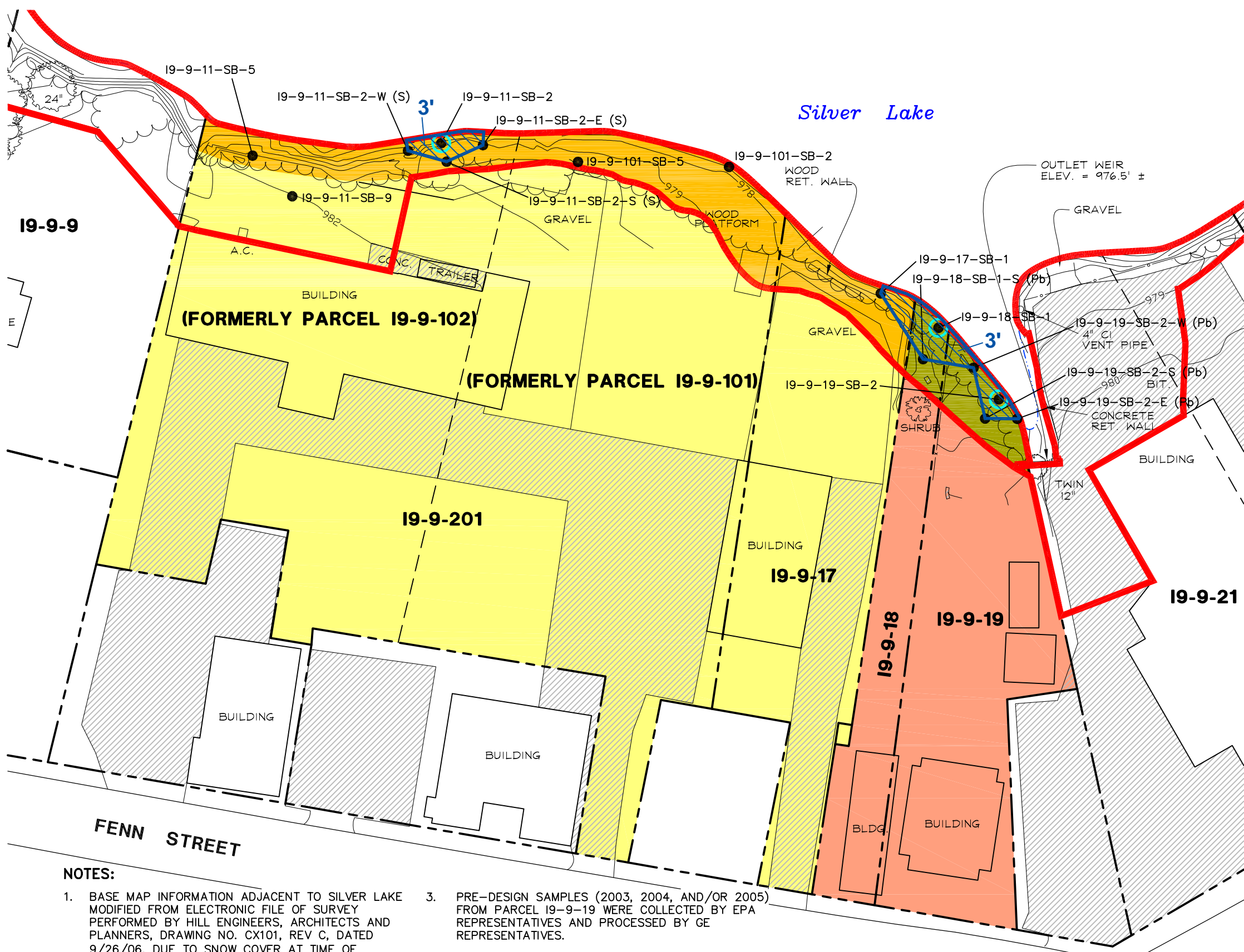
- NOTES:**
- BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 - UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.

GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

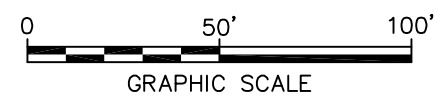
**EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (PARCELS 19-9-21, -22, -23, -24, AND
 -25) [1- TO 3-FOOT DEPTH INTERVAL]**

FIGURE
E-7

CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/LAF KEW LD: DMW PIC: PM: TMR: ONL OFF=REF
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 XREFS: 40152X01 40152X04 40152X00
 IMAGES: PROJECTNAME:



- LEGEND:**
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
 - APPROXIMATE PROPERTY LINE
 - APPROXIMATE FORMER PROPERTY LINE
 - BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
 - 19-9-17** PROPERTY ID
 - SURFACE ELEVATION (1-FT CONTOUR)
 - EDGE OF BUSHES
 - WIRE FENCE
 - CHAIN LINK FENCE
 - DECIDUOUS TREE
 - BANK PORTIONS OF COMMERCIAL PROPERTIES
 - BANK PORTIONS OF RESIDENTIAL PROPERTIES
 - COMMERCIAL PROPERTY
 - RESIDENTIAL PROPERTY
 - PAVED AREAS
 - SOIL BORING LOCATION
 - APPENDIX IX+3 SAMPLE LOCATION SUBJECT TO REMOVAL
 - MEAN WATER ELEV (975.9) (APPROXIMATE)
 - PROPOSED REMOVAL DEPTH (FEET)
 - PROPOSED REMOVAL AREA



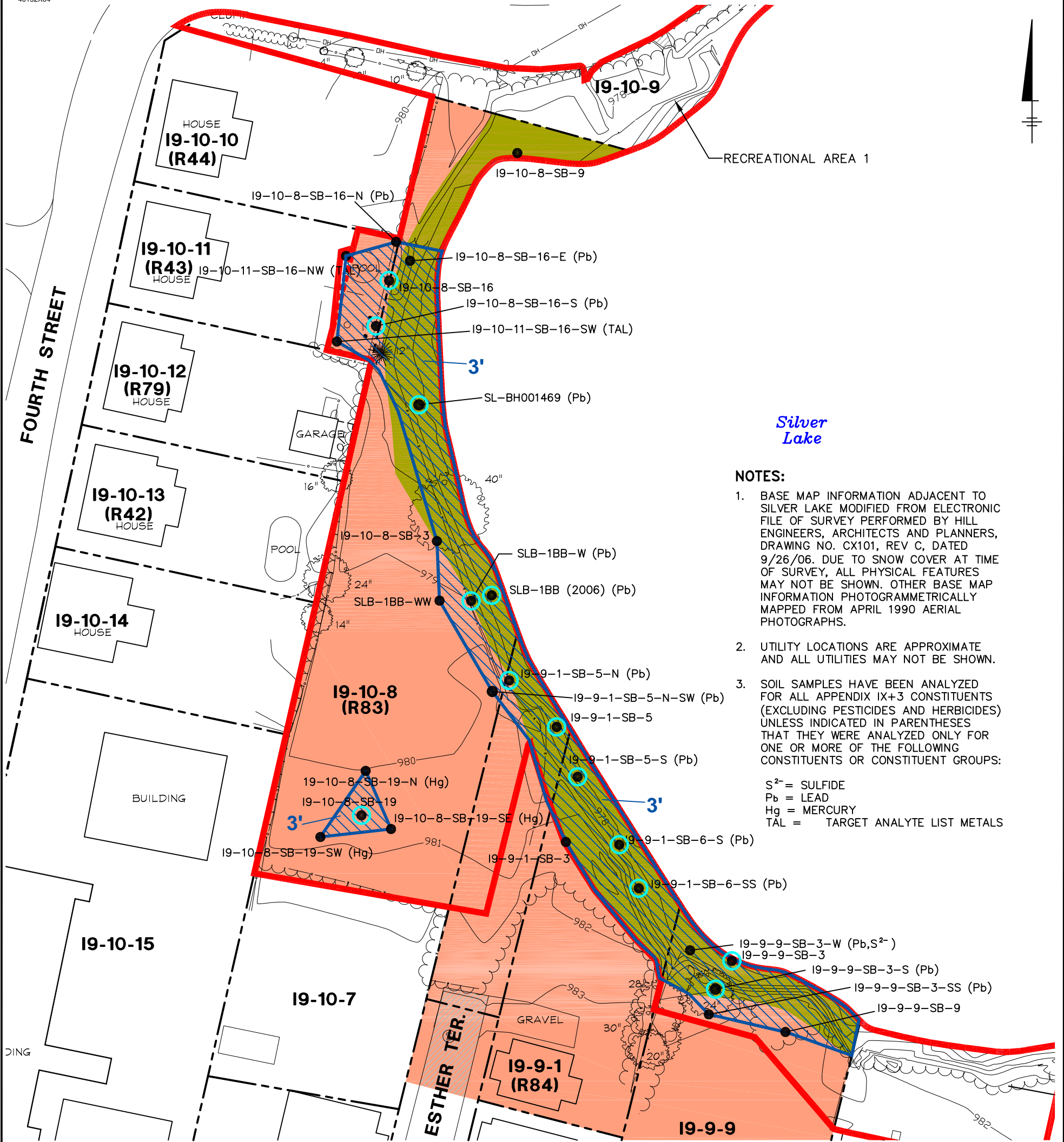
NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
3. PRE-DESIGN SAMPLES (2003, 2004, AND/OR 2005) FROM PARCEL 19-9-19 WERE COLLECTED BY EPA REPRESENTATIVES AND PROCESSED BY GE REPRESENTATIVES.
4. SOIL SAMPLES HAVE BEEN ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE ANALYZED ONLY FOR ONE OR MORE OF THE FOLLOWING CONSTITUENTS OR CONSTITUENT GROUPS:

S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)
 Pb = LEAD

GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**
**EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (PARCELS 19-9-201, -17, -18, -19)
 [1- TO 3-FOOT DEPTH INTERVAL]**

XREFS: IMAGES: PROJECTNAME: ---
 40152X01
 40152X04



Silver Lake

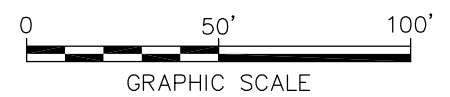
NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
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S²⁻ = SULFIDE
 Pb = LEAD
 Hg = MERCURY
 TAL = TARGET ANALYTE LIST METALS

LEGEND:

	APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)		PAVED AREAS
	APPROXIMATE PROPERTY LINE		RESIDENTIAL PROPERTY
19-10-8	PROPERTY ID		BANK PORTIONS OF RESIDENTIAL PROPERTIES
(R83)	EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER		SOIL BORING LOCATION
	SURFACE ELEVATION (1-FT CONTOUR)		APPENDIX IX+3 SAMPLE LOCATION SUBJECT TO REMOVAL
	EDGE OF BUSHES		MEAN WATER ELEV (975.9) (APPROXIMATE)
	GUARDRAIL		PROPOSED REMOVAL DEPTH (FEET)
	WOODEN FENCE		PROPOSED REMOVAL AREA
	WIRE FENCE		
	CHAIN LINK FENCE		
	DECIDUOUS TREE		
	CONIFEROUS TREE		
	UTILITY POLE		
	OVERHEAD ELECTRIC		
	SIGN		



GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

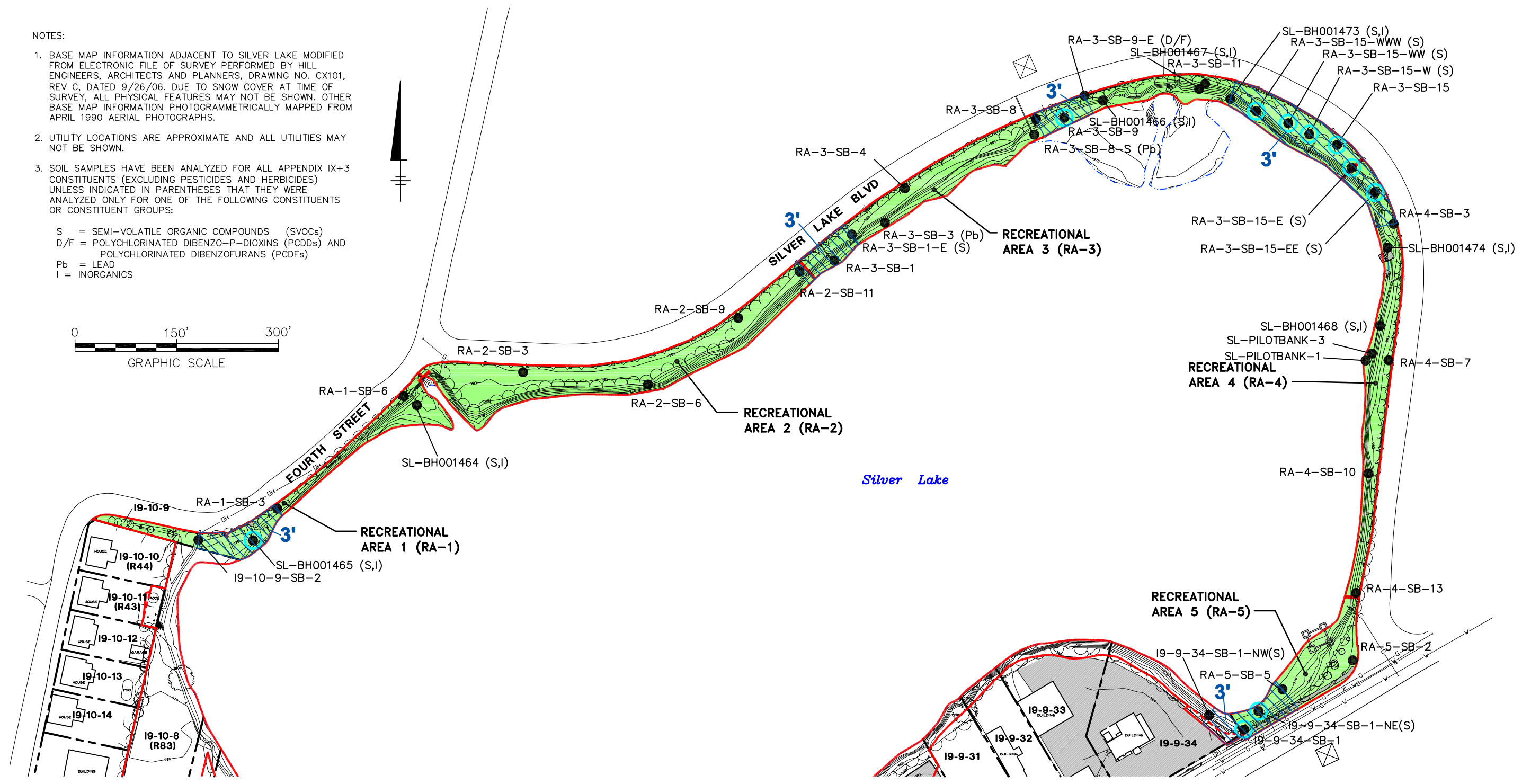
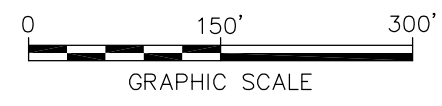
**EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (PARCELS 19-9-1 & -9, 19-10-8, & -11)
 [1- TO 3-FOOT DEPTH INTERVAL]**

FIGURE
E-9

CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/LAF KEW LD: DMW PIC: PM: LVR: ON+OFF=REF: G:\CAD\GE-CAD\N-AC\T\B\040152\0000\00002\DWG\FINAL\WORKPLAN\REVISED\40152\0000\00002\DWG_LAYOUT: E-10\SAVED: 10/21/2008 9:48 AM\CAD\VER: 17.0S (LMS TECH)\PAGESETUP: PLT\STYLETABLE: PLT\FULL CTB\PLOT: 10/22/2008 12:50 PM BY: DECLERCO, BRIAN

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
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 S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)
 D/F = POLYCHLORINATED DIBENZO-P-DIOXINS (PCDDs) AND POLYCHLORINATED DIBENZOFURANS (PCDFs)
 Pb = LEAD
 I = INORGANICS



LEGEND:

- | | | |
|--|------------------|--|
| APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY) | CHAIN LINK FENCE | UTILITY POLE |
| APPROXIMATE PROPERTY LINE | DECIDUOUS TREE | SIGN |
| PROPERTY ID | CONIFEROUS TREE | ELECTRIC METER |
| MEAN WATER ELEV (975.9) (APPROX.) | GAS SERVICE | RECREATIONAL AVERAGING AREA SUBJECT TO PRE-DESIGN INVESTIGATIONS |
| SURFACE ELEVATION (1-FT CONTOUR) | WATER SERVICE | PROPOSED REMOVAL AREA |
| EDGE OF BUSHES | STORM SEWER | PAVED AREA |
| GUARDRAIL | SANITARY MANHOLE | |
| | CATCH BASIN | |

- APPENDIX IX+3 SAMPLE LOCATION SUBJECT TO REMOVAL
- SOIL SAMPLE LOCATION
- PROPOSED REMOVAL DEPTH (FEET)



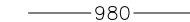

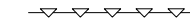
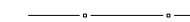












GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**
**EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (RECREATIONAL AREAS)
 [1- TO 3-FOOT DEPTH INTERVAL]**

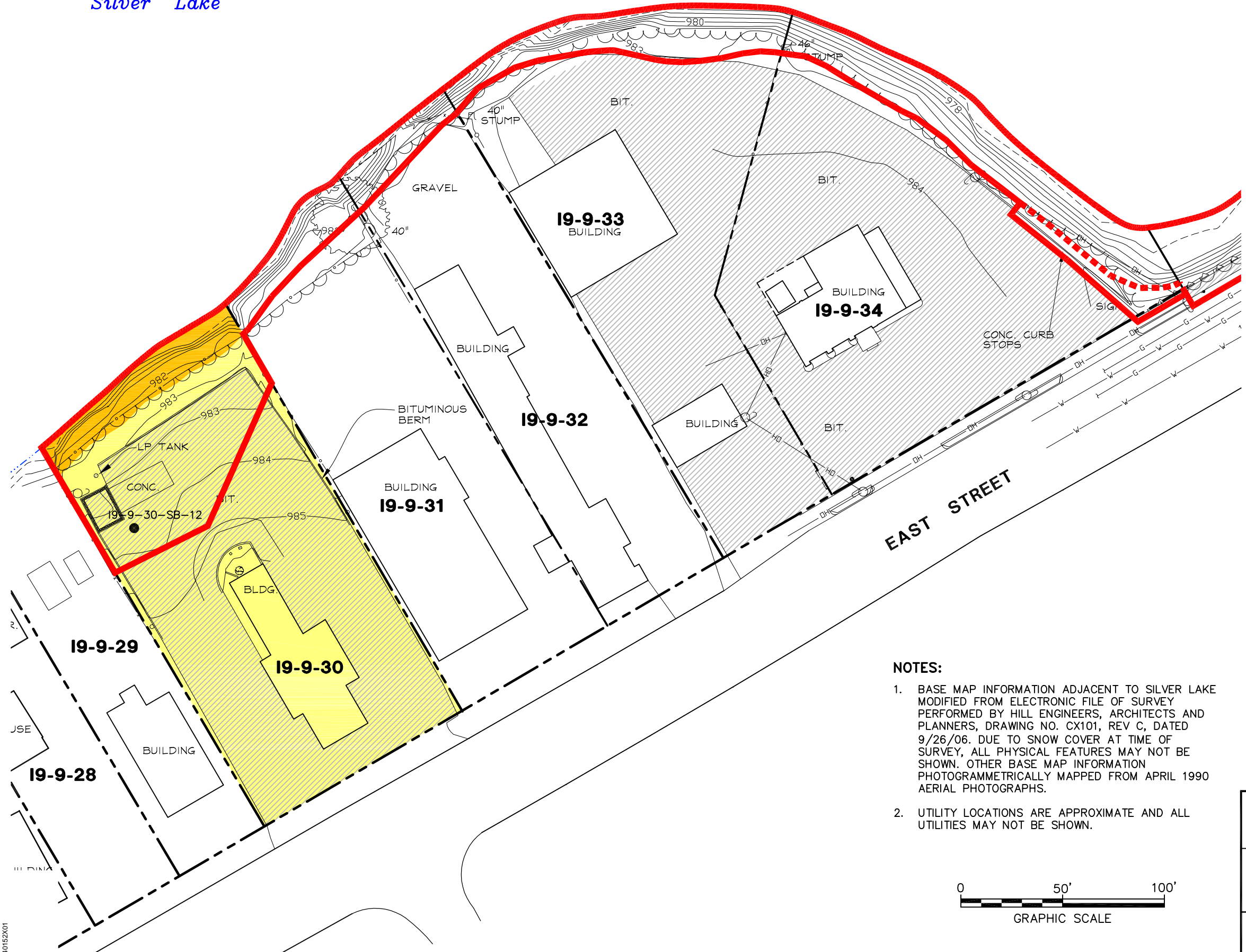


FIGURE
E-10

Silver Lake

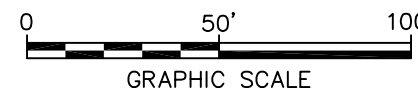
LEGEND:

-  APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
-  APPROXIMATE PROPERTY LINE
- 19-9-30** PROPERTY ID
-  SURFACE ELEVATION (1-FT CONTOUR)
-  EDGE OF BUSHES
-  GUARDRAIL
-  WOODEN FENCE
-  WIRE FENCE
-  CHAIN LINK FENCE
-  DECIDUOUS TREE
-  UTILITY POLE
-  OVERHEAD ELECTRIC
-  GAS LINE
-  WATER LINE
-  COMMERCIAL PROPERTY
-  BANK PORTIONS OF COMMERCIAL PROPERTIES
-  PAVED AREAS
-  SOIL BORING LOCATION
-  MEAN WATER ELEV (975.9) (APPROXIMATE)



NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.



GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
FOR SOILS ADJACENT TO SILVER LAKE**
**EXISTING APPENDIX IX+3 SOIL SAMPLE
LOCATIONS (PARCEL 19-9-30)**
[3- TO 6- FOOT DEPTH INTERVAL]

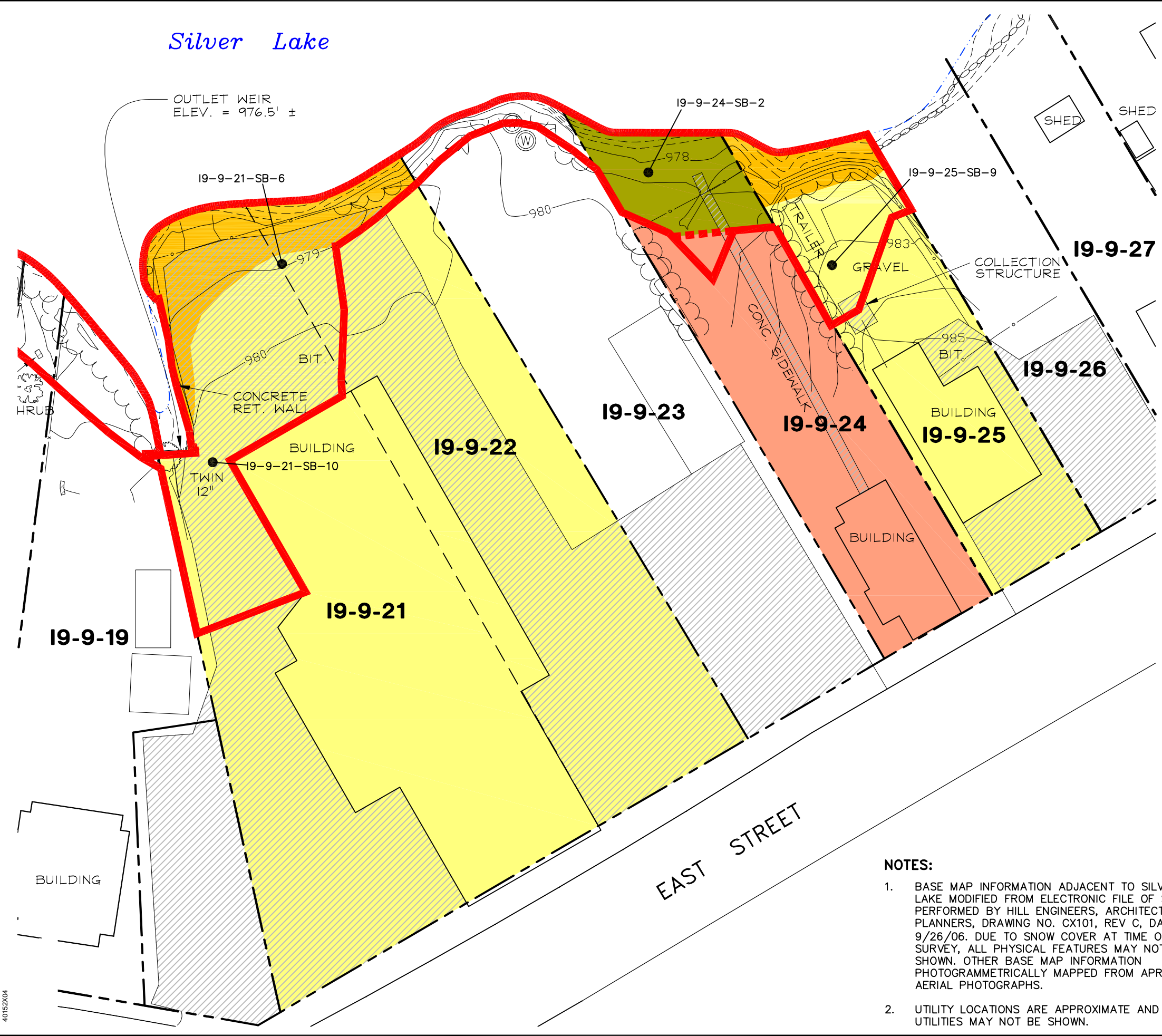


FIGURE
E-11

CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/LAF/KEW LD: DMW PIC: PM: A. RIZZO TM: LYS: ONL-OFF-REF
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XREFS: 40152X04 40152X01
IMAGES: PROJECTNAME: ---

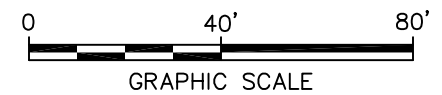
Silver Lake

CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/LAF/KEW LD: DMW PIC: PM: A. RIZZO TM: LYS-ONL-OFF-REF*
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 XREFS: 40152X01 40152X04
 IMAGES: PROJECTNAME:



LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-30** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- WIRE FENCE
- CHAIN LINK FENCE
- RETAINING WALL
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- RESIDENTIAL PROPERTIES
- COMMERCIAL PROPERTY
- PAVED AREAS
- SOIL BORING LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)



NOTES:

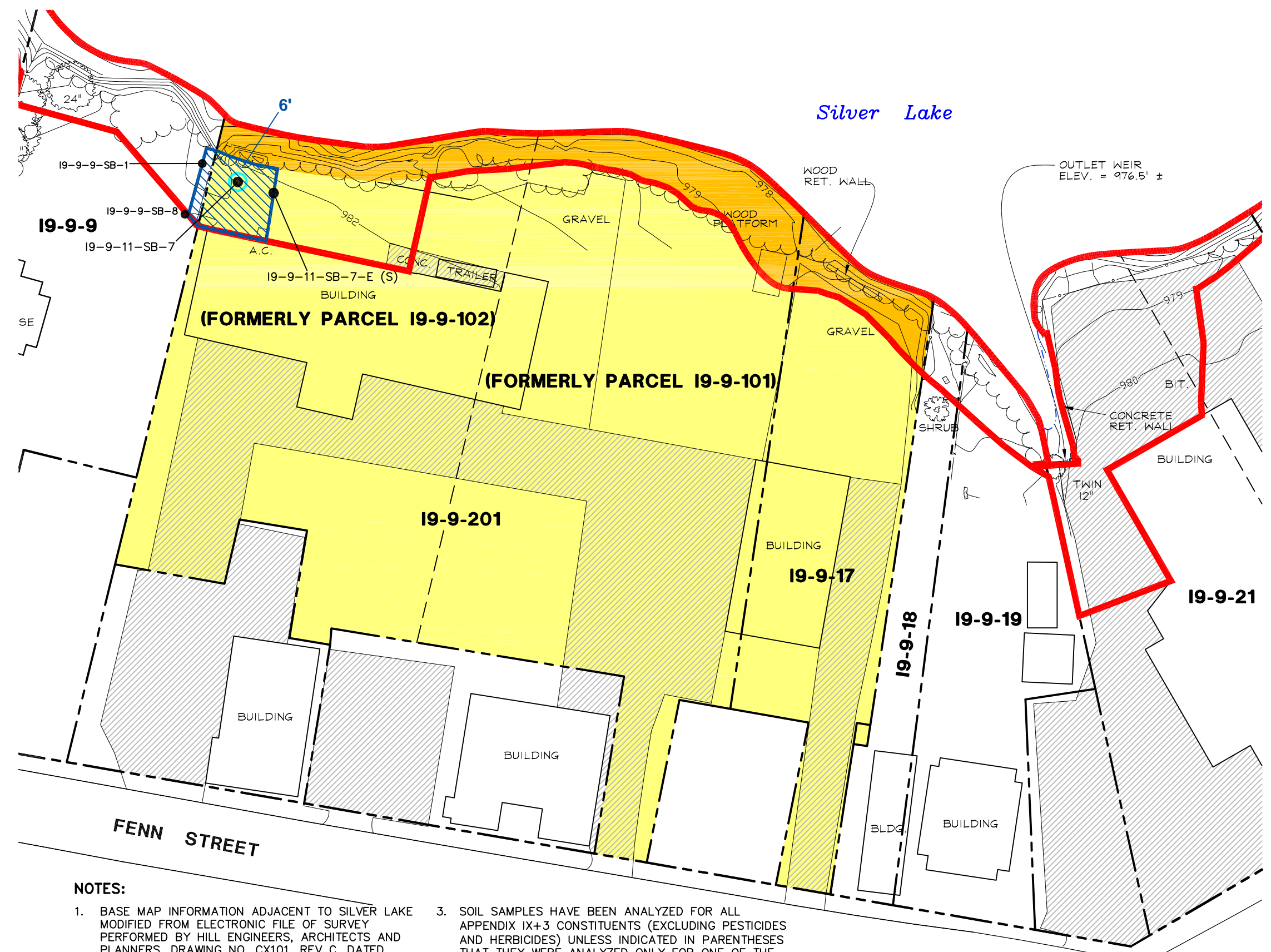
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.

GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

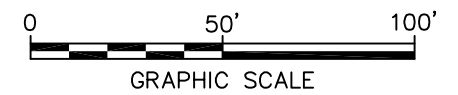
**EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (PARCELS 19-9-21/-22, -24, -25)
 [3- TO 6-FOOT DEPTH INTERVAL]**

FIGURE
E-12

CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/LAF NEW LD: DMW PIC: TM: LVR: ONL=OFF=REF
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 XREFS: 40152X01 40152X04
 IMAGES: PROJECTNAME: ---



- LEGEND:**
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
 - - - APPROXIMATE PROPERTY LINE
 - - - APPROXIMATE FORMER PROPERTY LINE
 - — — BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
 - 19-9-30** PROPERTY ID
 - 980 — SURFACE ELEVATION (1-FT CONTOUR)
 - ~ ~ ~ EDGE OF BUSHES
 - x - x - WIRE FENCE
 - o - CHAIN LINK FENCE
 - DECIDUOUS TREE
 - BANK PORTIONS OF COMMERCIAL PROPERTIES
 - COMMERCIAL PROPERTY
 - ▨ PAVED AREAS
 - SOIL BORING LOCATION
 - APPENDIX IX+3 SAMPLE LOCATION SUBJECT TO REMOVAL
 - · - · - MEAN WATER ELEV (975.9) (APPROXIMATE)
 - 6' PROPOSED REMOVAL DEPTH (FEET)
 - ▨ PROPOSED REMOVAL AREA

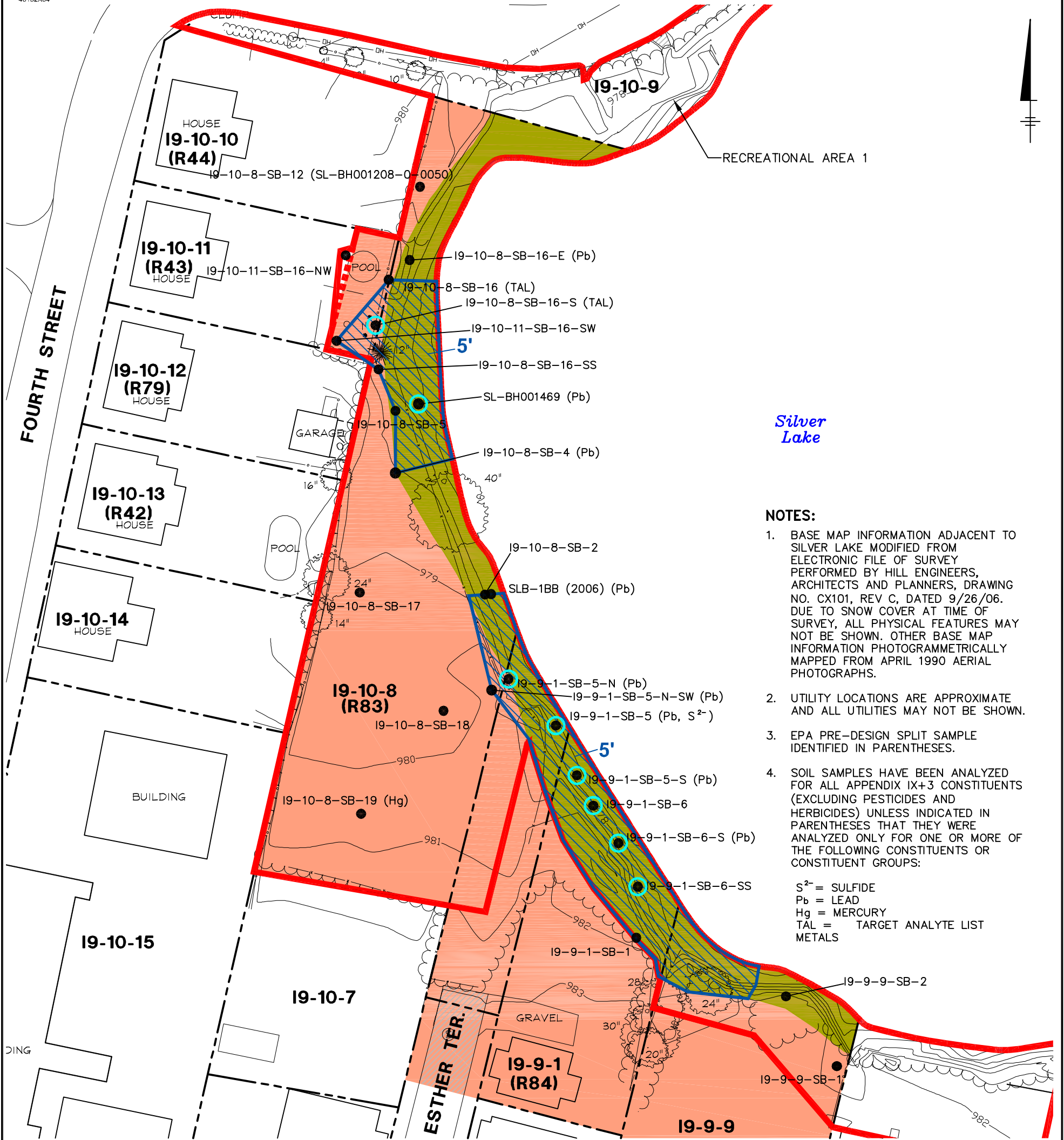


NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
3. SOIL SAMPLES HAVE BEEN ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE ANALYZED ONLY FOR ONE OF THE FOLLOWING CONSTITUENTS OR CONSTITUENT GROUPS:
 S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)
 Pb = LEAD
 TAL = TARGET ANALYTE LIST METALS

GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**
**EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (PARCELS 19-9-201, 19-9-17)
 [3- TO 6-FOOT DEPTH INTERVAL]**

XREFS: IMAGES: PROJECTNAME: --
 40152X01
 40152X04



Silver Lake

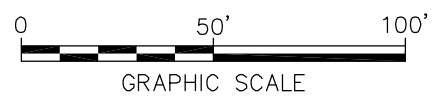
NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
3. EPA PRE-DESIGN SPLIT SAMPLE IDENTIFIED IN PARENTHESES.
4. SOIL SAMPLES HAVE BEEN ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE ANALYZED ONLY FOR ONE OR MORE OF THE FOLLOWING CONSTITUENTS OR CONSTITUENT GROUPS:

S²⁻ = SULFIDE
 Pb = LEAD
 Hg = MERCURY
 TAL = TARGET ANALYTE LIST METALS

LEGEND:

- | | | | |
|----------------|--|--|--|
| | APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY) | | PAVED AREAS |
| | APPROXIMATE PROPERTY LINE | | RESIDENTIAL PROPERTY |
| 19-10-8 | PROPERTY ID | | BANK PORTIONS OF RESIDENTIAL PROPERTIES |
| (R83) | EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER | | SOIL BORING LOCATION |
| | SURFACE ELEVATION (1-FT CONTOUR) | | APPENDIX IX+3 SAMPLE LOCATION SUBJECT TO REMOVAL |
| | EDGE OF BUSHES | | MEAN WATER ELEV (975.9) (APPROXIMATE) |
| | GUARDRAIL | | PROPOSED REMOVAL DEPTH (FEET) |
| | WOODEN FENCE | | PROPOSED REMOVAL AREA |
| | WIRE FENCE | | |
| | CHAIN LINK FENCE | | |
| | DECIDUOUS TREE | | |
| | CONIFEROUS TREE | | |
| | UTILITY POLE | | |
| | OVERHEAD ELECTRIC | | |
| | SIGN | | |



GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

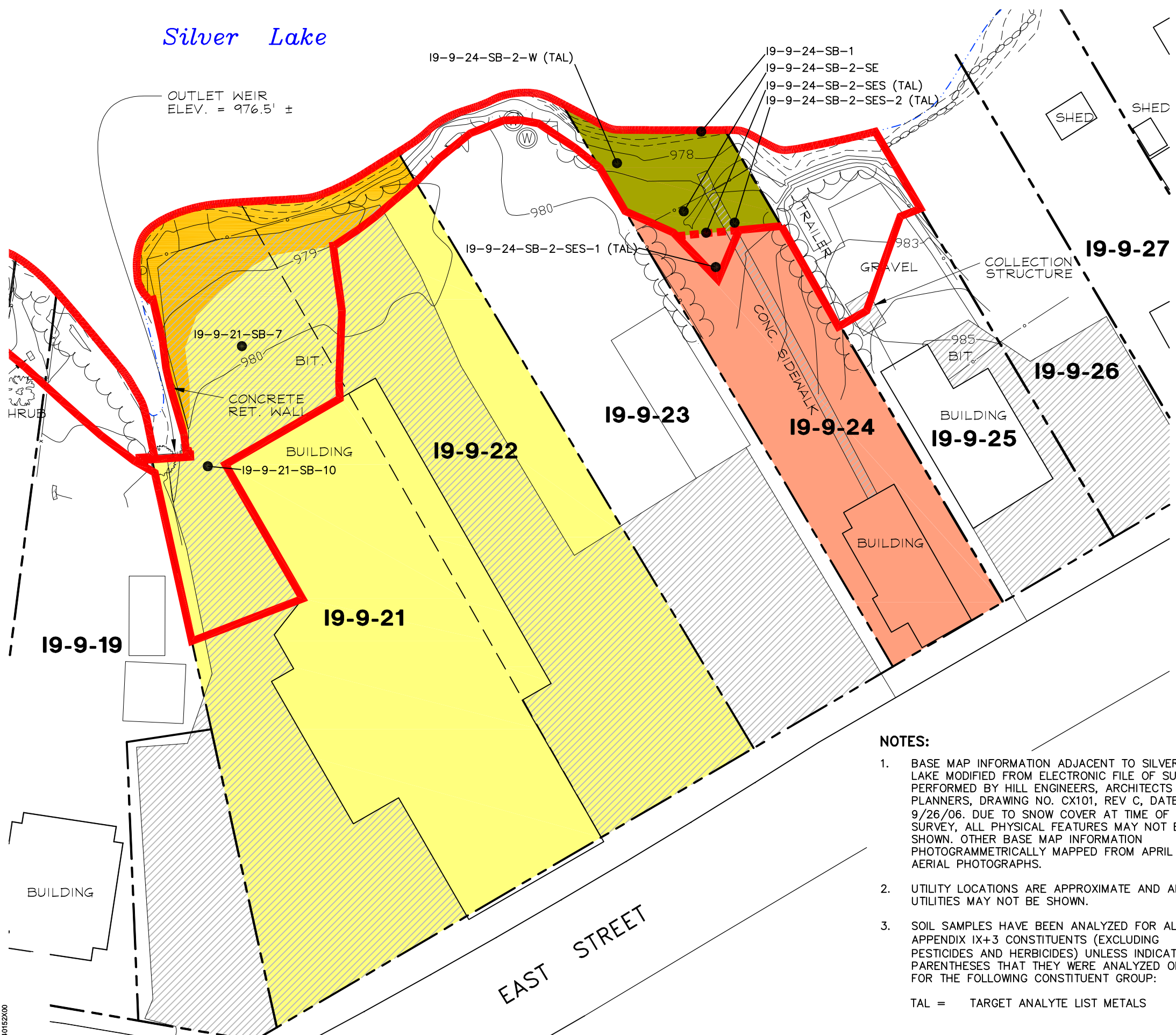
**EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (PARCELS 19-9-1 & -9, 19-10-8 & -11)
 [3- TO 6-FOOT DEPTH INTERVAL]**

ARCADIS

FIGURE
E-14

CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/LAF KEW LD: DMW PIC: PM: A. RIZZO TM: LVR: ON=OFF-REF
 G:\CAD\GE-CAD\N-ACT\B00401520000\0002\DWG\FINAL\WORKPLAN\REVISED\40152X00.DWG LAYOUT: E-15 SAVED: 10/21/2008 9:48 AM ACADVER: 17.05 (LMS TECH) PAGES: 17 PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 10/22/2008 1:05 PM BY: DECLERCO, BRIAN
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Silver Lake



LEGEND:

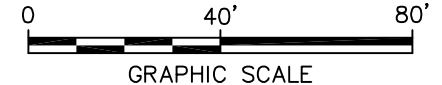
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-30** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- WIRE FENCE
- CHAIN LINK FENCE
- RETAINING WALL
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- RESIDENTIAL PROPERTIES
- COMMERCIAL PROPERTY
- PAVED AREAS
- SOIL BORING LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)



NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
3. SOIL SAMPLES HAVE BEEN ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE ANALYZED ONLY FOR THE FOLLOWING CONSTITUENT GROUP:

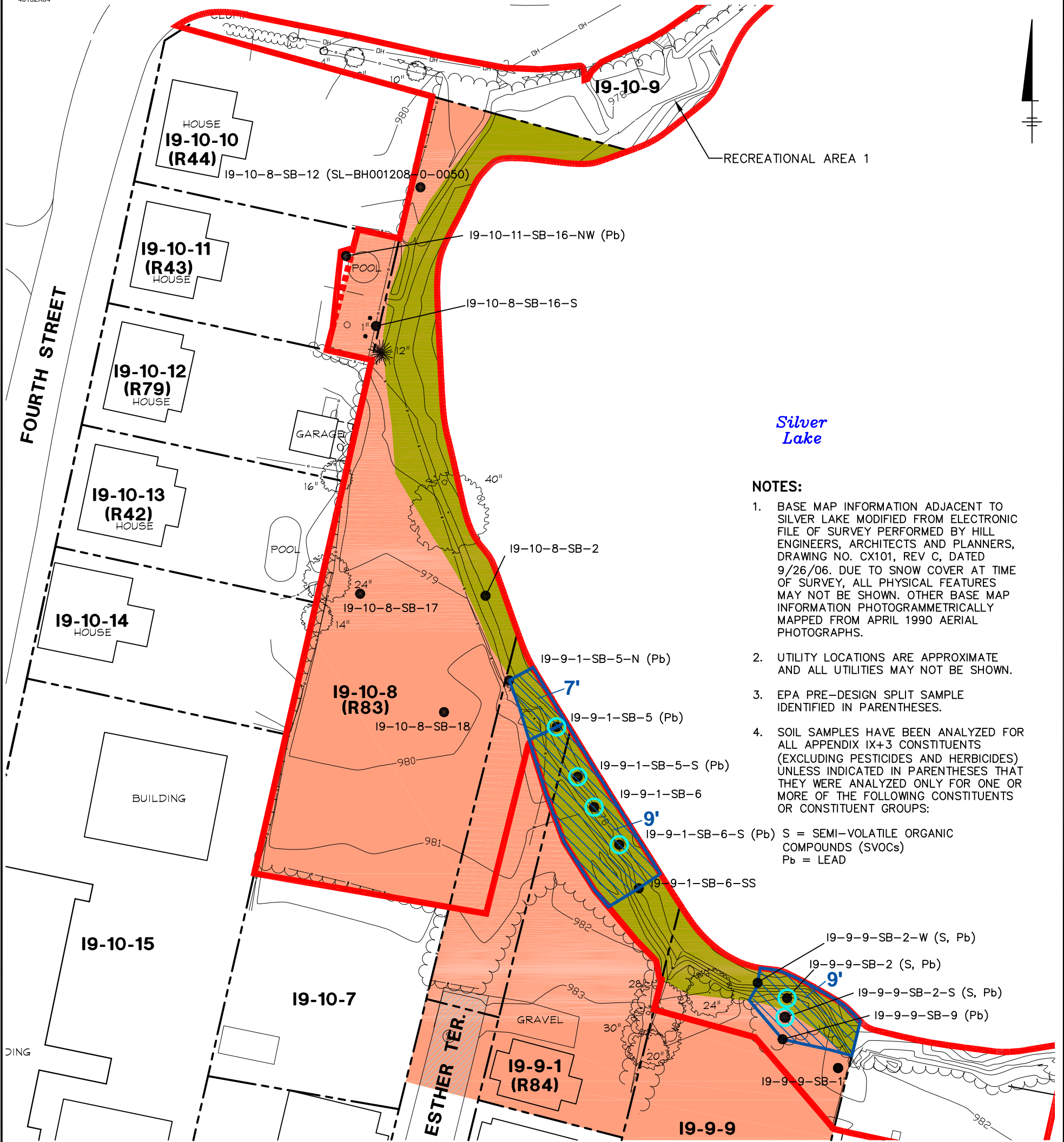
TAL = TARGET ANALYTE LIST METALS



GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**
**EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (PARCELS 19-9-21-22 AND 19-9-24)
 [6- TO 10-FOOT DEPTH INTERVAL]**



XREFS: IMAGES: PROJECTNAME: ---
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 40152X04

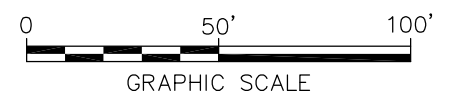


NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
3. EPA PRE-DESIGN SPLIT SAMPLE IDENTIFIED IN PARENTHESES.
4. SOIL SAMPLES HAVE BEEN ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE ANALYZED ONLY FOR ONE OR MORE OF THE FOLLOWING CONSTITUENTS OR CONSTITUENT GROUPS:
 S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)
 Pb = LEAD

LEGEND:

	APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)		PAVED AREAS
	APPROXIMATE PROPERTY LINE		RESIDENTIAL PROPERTY
19-10-8	PROPERTY ID		BANK PORTIONS OF RESIDENTIAL PROPERTIES
(R83)	EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER		SOIL BORING LOCATION
	SURFACE ELEVATION (1-FT CONTOUR)		APPENDIX IX+3 SAMPLE LOCATION SUBJECT TO REMOVAL
	EDGE OF BUSHES		MEAN WATER ELEV (975.9) (APPROXIMATE)
	GUARDRAIL	9'	PROPOSED REMOVAL DEPTH (FEET)
	WOODEN FENCE		PROPOSED REMOVAL AREA
	WIRE FENCE		
	CHAIN LINK FENCE		
	DECIDUOUS TREE		
	CONIFEROUS TREE		
	UTILITY POLE		
	OVERHEAD ELECTRIC		
	SIGN		



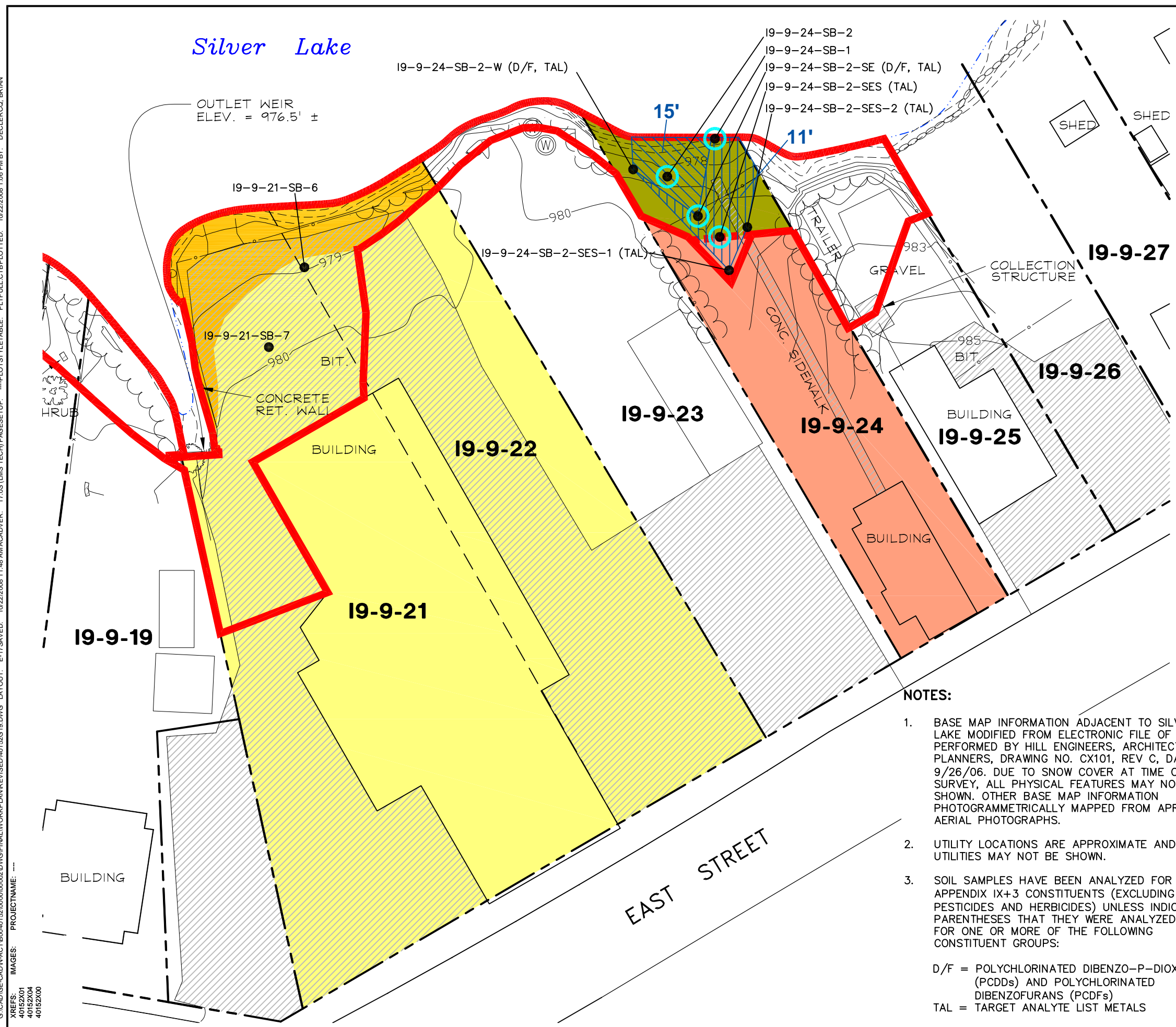
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (PARCELS 19-9-1 & -9, 19-10-8 & -11)
 [6- TO 10-FOOT DEPTH INTERVAL]**

ARCADIS

FIGURE
E-16

CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/LAF REV LD: DMW PIC: TM: LVR: ONL-OFF-REF
 G:\CAD\GE-CADN-ACT\B040152\0000\0002\DWG\FINAL\WORKPLAN\REVISED\40152\19.DWG LAYOUT: E-17 SAVED: 10/22/2008 11:48 AM ACADVER: 17.05 (LMS TECH) PAGES: 17.05 (LMS TECH) PLOTTABLE: PLTFULL.CTB PLOTTED: 10/22/2008 1:06 PM BY: DECLERCO, BRIAN
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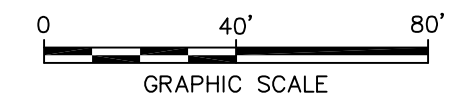
LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-30** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- WIRE FENCE
- CHAIN LINK FENCE
- RETAINING WALL
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- RESIDENTIAL PROPERTIES
- COMMERCIAL PROPERTY
- PAVED AREAS
- SOIL BORING LOCATION
- APPENDIX IX+3 SAMPLE LOCATION SUBJECT TO REMOVAL
- MEAN WATER ELEV (975.9) (APPROXIMATE)
- PROPOSED REMOVAL DEPTH (FEET)
- PROPOSED REMOVAL AREA

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
3. SOIL SAMPLES HAVE BEEN ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE ANALYZED ONLY FOR ONE OR MORE OF THE FOLLOWING CONSTITUENT GROUPS:

 D/F = POLYCHLORINATED DIBENZO-P-DIOXINS (PCDDs) AND POLYCHLORINATED DIBENZOFURANS (PCDFs)
 TAL = TARGET ANALYTE LIST METALS



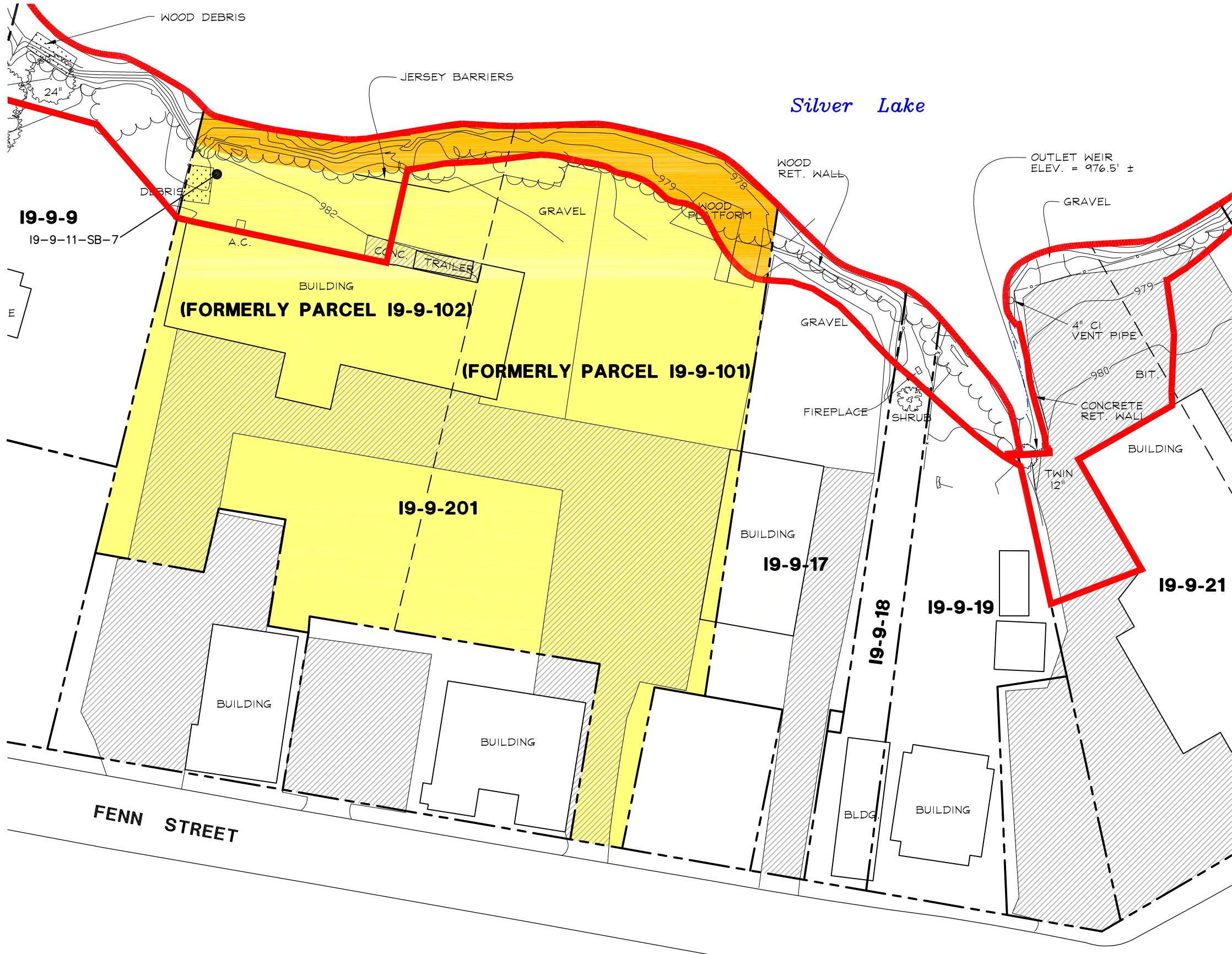
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

**EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (PARCELS 19-9-21/22 AND 19-9-24)
 [10- TO 15-FOOT DEPTH INTERVAL]**

ARCADIS

FIGURE
E-17

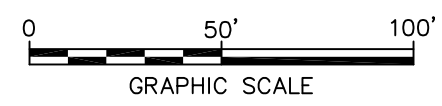
CITY: SYRACUSE DIV/GROUP: 141 DB: DMW/LAF/NEW LD: DMW P/C: PM: TM: LTR: ON*OFF*REF*
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 40152X00
 40152X04



LEGEND:

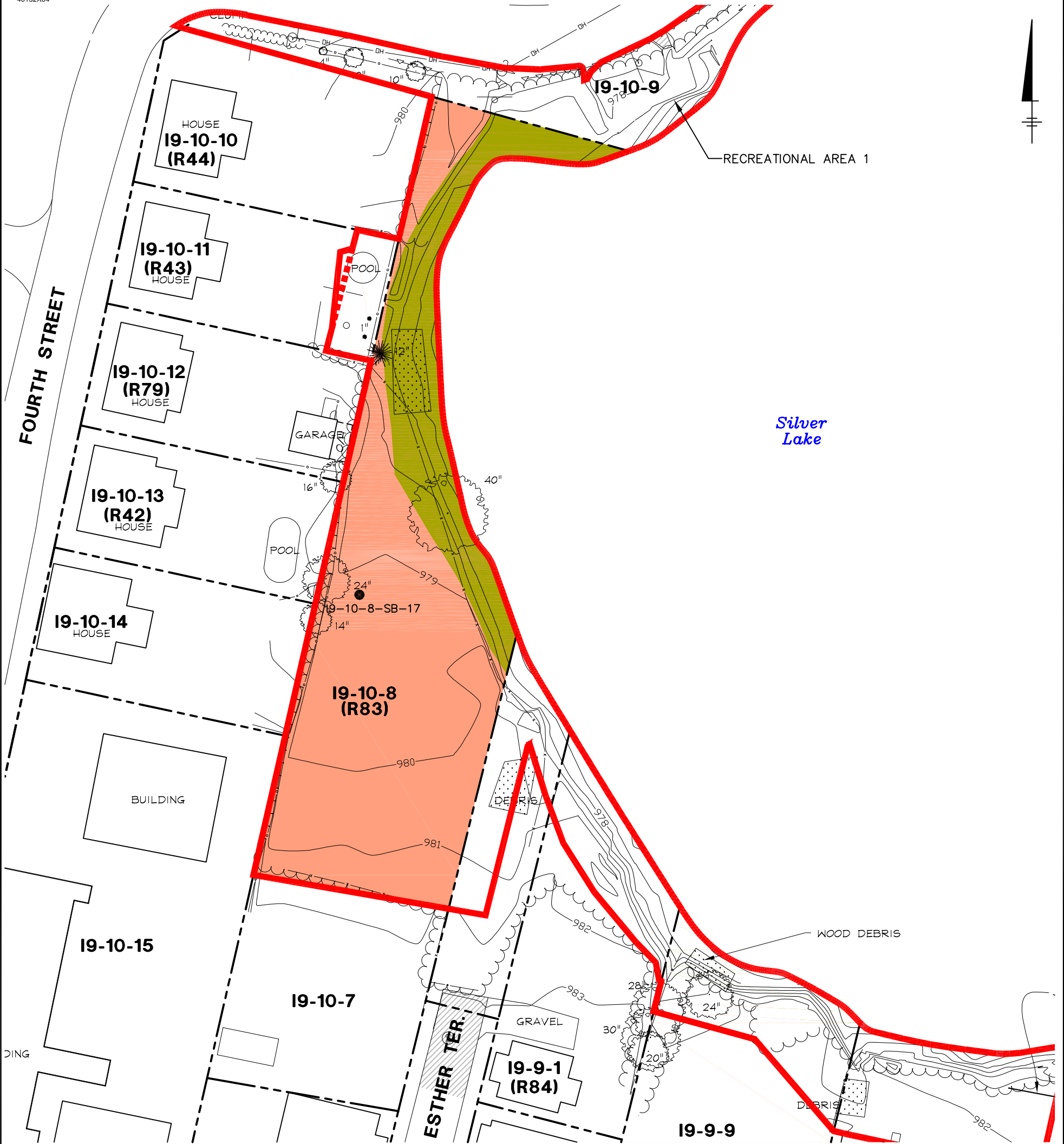
	APPROXIMATE REMOVAL ACTION AREA BOUNDARY
	APPROXIMATE PROPERTY LINE
	APPROXIMATE FORMER PROPERTY LINE
	BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
19-9-30	PROPERTY ID
	SURFACE ELEVATION (1-FT CONTOUR)
	EDGE OF BUSHES
	WIRE FENCE
	CHAIN LINK FENCE
	DECIDUOUS TREE
	BANK PORTIONS OF COMMERCIAL PROPERTIES
	COMMERCIAL PROPERTY
	PAVED AREAS
	SOIL BORING LOCATION
	MEAN WATER ELEV (975.9) (APPROXIMATE)

- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.



GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**
**EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (PARCEL 19-9-201)
 [10- TO 15-FOOT DEPTH INTERVAL]**

XREFS: IMAGES: PROJECTNAME: ---
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 40152X04

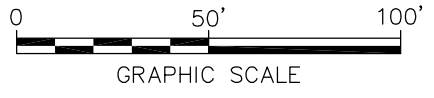


LEGEND:

- | | | | |
|----------------|--|--|---|
| | APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY) | | OVERHEAD ELECTRIC |
| | APPROXIMATE PROPERTY LINE | | SIGN |
| 19-9-30 | PROPERTY ID | | PAVED AREAS |
| (R83) | EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER | | RESIDENTIAL PROPERTY |
| | SURFACE ELEVATION (1-FT CONTOUR) | | BANK PORTIONS OF RESIDENTIAL PROPERTIES |
| | EDGE OF BUSHES | | SOIL BORING LOCATION |
| | GUARDRAIL | | MEAN WATER ELEV (975.9) (APPROXIMATE) |
| | WOODEN FENCE | | |
| | WIRE FENCE | | |
| | CHAIN LINK FENCE | | |
| | DECIDUOUS TREE | | |
| | CONIFEROUS TREE | | |
| | UTILITY POLE | | |

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.



GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS REVISED CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE	
EXISTING APPENDIX IX+3 SOIL SAMPLE LOCATIONS (PARCEL 19-10-8) [10- TO 15-FOOT DEPTH INTERVAL]	
	FIGURE E-19

Silver Lake

CITY: SYRACUSE, NY; DIV: GROUP: ENV/141; DR: DMV LAF KEW; LD: DMV; PIC: PM; TM: LVR-ON; OFF: REF; G:\CAD\GE-CAD\N-AC\T\B0040152\0000\0002\DWG\FINAL\RDRA40152\G87.DWG; LAYOUT: E-20; SAVED: 10/21/2008 9:48 AM; ACADVER: 17.05; UMS TECH/PAGESETUP: ---; PLOTSTYLETABLE: PLT-FULL CTB; PLOTTED: 10/22/2008 1:12 PM BY: DECLERCO, BRIAN

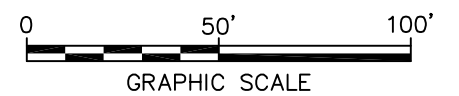


LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- 19-9-30** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- GUARDRAIL
- WOODEN FENCE
- WIRE FENCE
- CHAIN LINK FENCE
- DECIDUOUS TREE
- UTILITY POLE
- OVERHEAD ELECTRIC
- GAS LINE
- WATER LINE
- PAVED AREAS
- HISTORICAL (PRE-2003) SOIL SAMPLE LOCATION
- PRE-DESIGN (2003-2006) SOIL SAMPLE LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)

PROPOSED RESPONSE ACTIONS RELATED TO APPENDIX IX+3 SOIL EVALUATIONS:

- 1-FOOT REMOVAL
- 3-FOOT REMOVAL

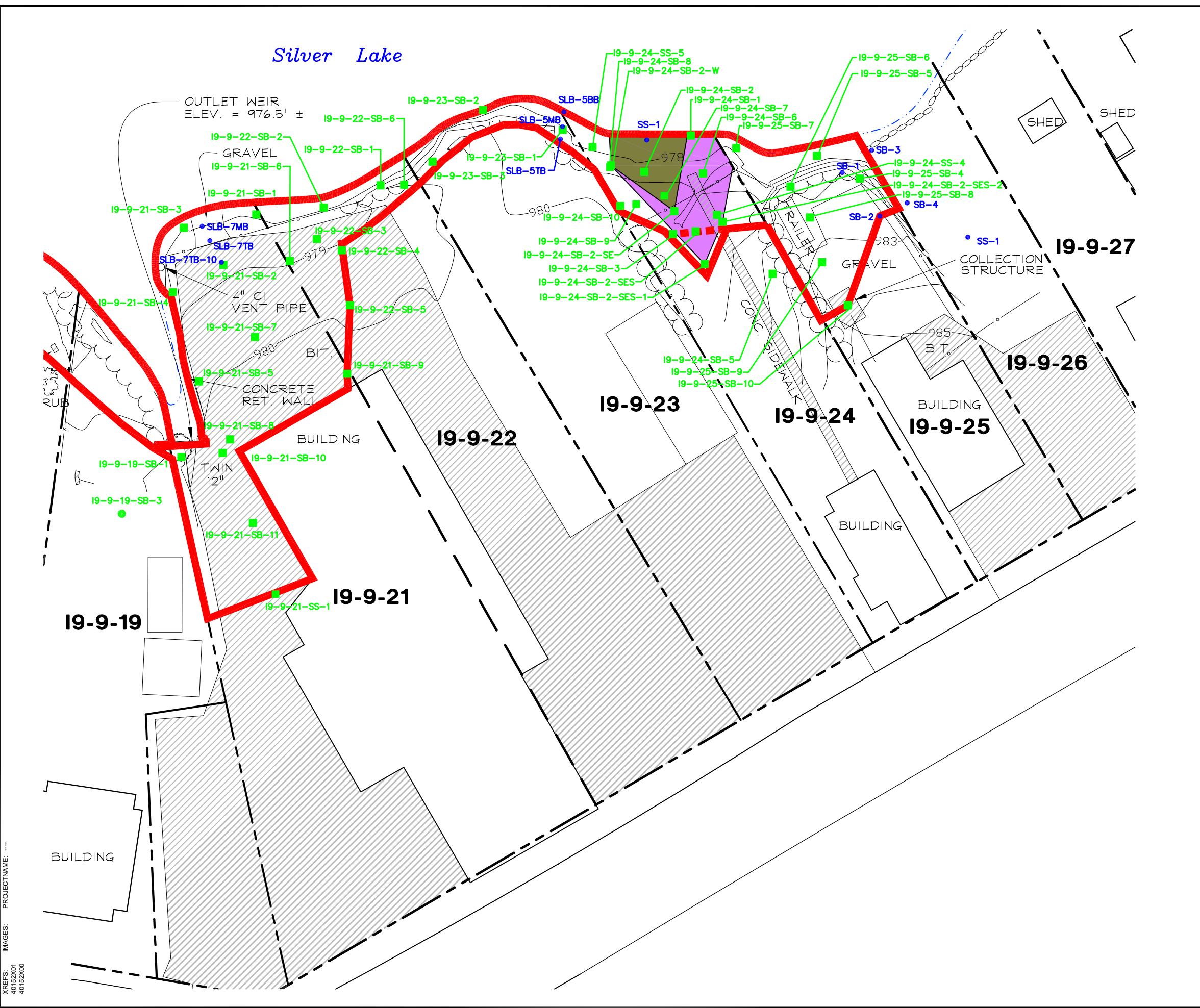


NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN. ALL PHYSICAL FEATURES MAY NOT BE SHOWN.
3. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.
4. REMOVAL ACTION AREA BOUNDARY AT WATER EDGE IS REPRESENTED BY THE APPROXIMATE MEAN WATER SURFACE ELEVATION (975.9).

GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**
**PRELIMINARY SOIL-RELATED
 RESPONSE ACTIONS RELATED TO
 APPENDIX IX+3 EVALUATIONS ONLY
 (PARCELS 19-9-30, -31, -32, -33, AND -34)**

CITY: SYRACUSE, NY; DIV: GROUP/ENV/141; DR: DMV/LAF/KEW; LD: DMV; PIC: PM; TM: LVR; ON: OFF; REF: G:\CAD\GE-CADN-AC\T80040152\0000\0002\DWG\FINAL\RDRA40152\G88.DWG; LAYOUT: E-21; SAVED: 10/21/2008 9:47 AM; ACADVER: 17.05; LIMS TECH/PAGESETUP: ---; PLOTSTYLETABLE: PLT\FULL CTB; PLOTTED: 10/22/2008 11:13 PM BY: DECLERCO, BRIAN

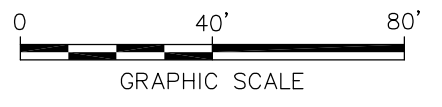


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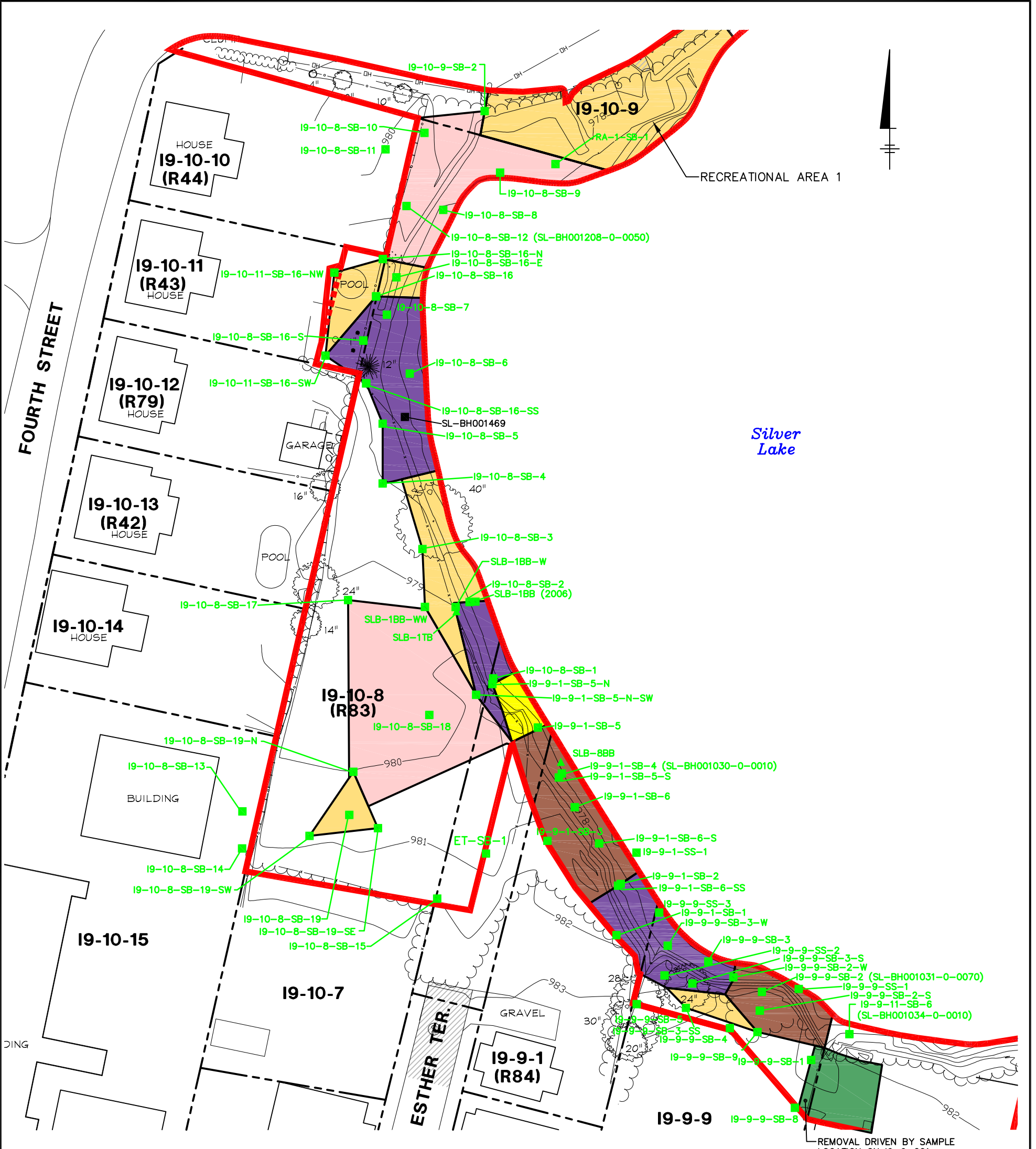
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-23** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- WIRE FENCE
- CHAIN LINK FENCE
- RETAINING WALL
- DECIDUOUS TREE
- PAVED AREAS
- HISTORICAL (PRE-2003) SOIL SAMPLE LOCATION
- PRE-DESIGN (2003-2007) SOIL SAMPLE LOCATION
- MEAN WATER ELEV (975.9) (APPROX.)

- PROPOSED RESPONSE ACTIONS RELATED TO APPENDIX IX+3 SOIL EVALUATIONS:**
- 11-FOOT REMOVAL
 - 15-FOOT REMOVAL

- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN. ALL PHYSICAL FEATURES MAY NOT BE SHOWN.
 3. REMOVAL ACTION AREA BOUNDARY AT WATER EDGE IS REPRESENTED BY THE APPROXIMATE MEAN WATER SURFACE ELEVATION (975.9).



GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**
**PRELIMINARY SOIL-RELATED
 RESPONSE ACTIONS RELATED TO
 APPENDIX IX+3 EVALUATIONS ONLY
 (PARCELS 19-9-21, -22, -23, -24, AND -25)**



LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- 19-10-8 (R83)** PROPERTY ID
- EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER
- 980 SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- GUARDRAIL
- WOODEN FENCE
- WIRE FENCE
- CHAIN LINK FENCE
- DECIDUOUS TREE
- CONIFEROUS TREE
- OVERHEAD WIRES

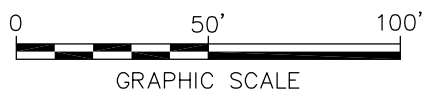
- UTILITY POLE
- SIGN
- PAVED AREAS
- PRE-DESIGN (2003-2007) SOIL SAMPLE LOCATION
- EPA SOIL SAMPLE LOCATION
- SURFACE SOIL SAMPLE LOCATION
- MEAN WATER ELEV (975.9) (APPROX.)

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS. SOME PROPERTY LINES ALONG ESTHER TERRACE FROM CITY OF PITTSFIELD TAX MAPS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
3. EPA PRE-DESIGN SPLIT SOIL SAMPLE IDENTIFIED IN PARENTHESES.

PROPOSED RESPONSE ACTIONS RELATED TO APPENDIX IX+3 SOIL EVALUATIONS:

- 1-FOOT REMOVAL
- 3-FOOT REMOVAL
- 5-FOOT REMOVAL
- 6-FOOT REMOVAL
- 7-FOOT REMOVAL
- 9-FOOT REMOVAL



**GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
 REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**

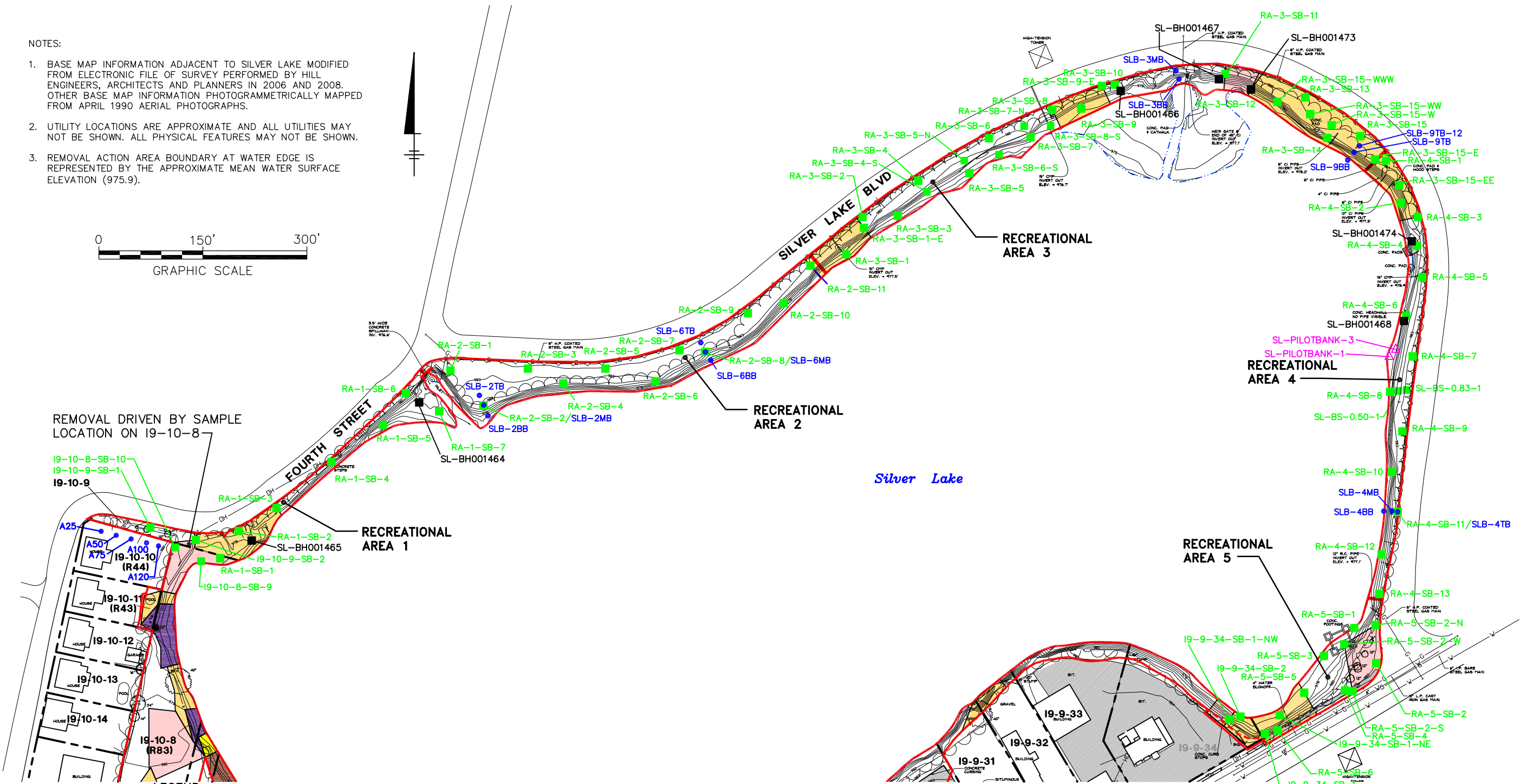
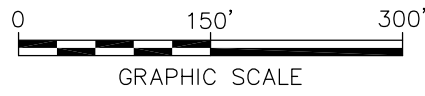
**PRELIMINARY SOIL-RELATED
 RESPONSE ACTIONS RELATED TO
 APPENDIX IX+3 EVALUATIONS ONLY
 (PARCELS 19-9-1 & -9, 19-10-8, & -11)**



CITY: SYRACUSE, NY GROUP: ENV-141 DB: DMW/LAF KEW_LDD/MW PIC: PM: TM: LYR: ONA-OFF-REF (FRZ)
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 XREFS: 40152X01 40152X00 40152X04

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS IN 2006 AND 2008. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN. ALL PHYSICAL FEATURES MAY NOT BE SHOWN.
3. REMOVAL ACTION AREA BOUNDARY AT WATER EDGE IS REPRESENTED BY THE APPROXIMATE MEAN WATER SURFACE ELEVATION (975.9).



REMOVAL DRIVEN BY SAMPLE LOCATION ON 19-10-8

- 19-10-8-SB-10
- 19-10-9-SB-1
- 19-10-9

- A25
- A50
- A75
- A100 (R44)
- A120
- 19-10-10
- 19-10-11 (R43)
- 19-10-12
- 19-10-13
- 19-10-14
- 19-10-8 (R83)

LEGEND:

- | | | |
|--|------------------|--|
| APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY) | CHAIN LINK FENCE | UTILITY POLE |
| APPROXIMATE PROPERTY LINE | DECIDUOUS TREE | SIGN |
| 19-10-9 PROPERTY ID | CONIFEROUS TREE | ELECTRIC METER |
| (R83) EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER | GAS SERVICE | PAVED AREA |
| MEAN WATER ELEV (975.9) (APPROX.) | WATER SERVICE | HISTORICAL (PRE-2003) SOIL SAMPLE LOCATION |
| SURFACE ELEVATION (1-FT CONTOUR) | STORM SEWER | PRE-DESIGN (2003-2007) SOIL SAMPLE LOCATION |
| EDGE OF BUSHES | SANITARY MANHOLE | EPA (2008) SOIL SAMPLE LOCATIONS |
| | CATCH BASIN | SAMPLE LOCATION COLLECTED DURING ADDITIONAL FIELD INVESTIGATIONS |

PROPOSED RESPONSE ACTIONS RELATED TO APPENDIX IX+3 SOIL EVALUATIONS:

- 1-FOOT REMOVAL
- 3-FOOT REMOVAL
- 5-FOOT REMOVAL
- 7-FOOT REMOVAL
- 9-FOOT REMOVAL

GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**REVISED CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**
**PRELIMINARY SOIL-RELATED
 RESPONSE ACTIONS RELATED TO
 APPENDIX IX+3 EVALUATIONS ONLY
 (RECREATIONAL AREAS)**

