REPORT

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Volume II of II

Conceptual Removal Design/Removal Action Work Plan for the 20s, 30s, and 40s Complexes

Volume I of II

General Electric Company
Pittsfield, Massachusetts

December 2001

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01-0440

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

Transmitted Via Federal Express

December 7, 2001

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

Re: GE-Pittsfield/Housatonic River Site
20s, 30s, and 40s Complexes (GECD120)
Conceptual RD/RA Work Plan

Dear Mr. Olson:

Enclosed is GE's *Conceptual Removal Design/Removal Action Work Plan for the 20s, 30s, and 40s Complexes* within the GE Plant in Pittsfield, Massachusetts. This document evaluates the need for soil-related response actions to achieve the applicable Performance Standards established in the Consent Decree for the GE-Pittsfield/Housatonic River Site and Statement of Work for Removal Actions Outside the River.

Based on the evaluations summarized in this Work Plan, it appears at this time that the applicable Performance Standards for both PCBs and other constituents in soil are met at each of these Complexes and that thus no response actions are necessary for soil at these areas. However, as also discussed in the Work Plan, additional soil sampling is needed to further assess certain volatile and semi-volatile organic constituents in soil for which a number of the existing sample results showed non-detected concentrations but which had elevated analytical reporting limits. Accordingly, the Work Plan proposes a supplemental soil sampling effort for these constituents to determine whether and to what extent lower analytical reporting limits can be achieved, and whether further evaluations are necessary. The results of this sampling, and an assessment regarding the need for any further evaluations, will be included in an Addendum to this Work Plan, to be provided to EPA by March 1, 2001.

Please call John Novotny or me if you have any questions regarding this document.

Sincerely,

Andrew T. Silfer

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

Enclosure
U:/MEG01/7151199.doc

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Conceptual Removal Design/Removal Action Work Plan for the 20s, 30s, and 40s complexes

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1. Introduction

1.1 General

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

This document constitutes the Conceptual RD/RA Work Plan for three RAAs within the Site -- the 20s Complex, 30s Complex, and 40s Complex, each of which is located within the GE Plant Area. The locations of these RAAs are shown on Figure 1-1. In accordance with the CD and SOW, the Conceptual RD/RA Work Plan (henceforth referred to as the Work Plan) is intended to provide preliminary evaluations concerning the need for and scope of response actions to achieve the applicable Performance Standards identified for soils in the CD and SOW, both for PCBs and for the other constituents listed in Appendix IX of 40 CFR Part 264 plus three additional constituents – benzidine, 2-chloroethylvinyl ether, and 1,2-diphenylhydrazine (Appendix IX+3). The evaluations presented herein are based on the results of pre-design activities conducted by GE (summarized in Section 2 of this Work Plan), as well as the evaluation protocols established in several technical attachments to the SOW.

1.2 Description of Removal Action Areas

The 20s, 30s, and 40s Complexes are three of 18 RAAs that are included within the GE-Pittsfield/Housatonic River Site. These three RAAs, which represent a total of approximately 44 acres, are located within the GE

Plant Area, as shown on Figure 1-1. As described below, these areas have been integral to GE's past operations in Pittsfield and currently remain under GE's ownership. However, as discussed in Section 1.3 of this document, following the completion of Removal Actions (if required), certain portions of these RAAs will be transferred to the Pittsfield Economic Development Authority (PEDA) under an agreement executed GE, the City of Pittsfield, and PEDA at the same time as (but separate from) the CD. Additional information regarding each RAA is provided below.

20s Complex

The 20s Complex is located immediately east of the 30s Complex within the western portion of the GE facility (Figure 1-1). This approximately 15-acre area is generally bounded by the 30s Complex to the west, East Street to the south, Merrill Road to the east, and privately owned (CSX, Inc.) railway tracks and the related easement to the north (Figure 1-2). This area comprises approximately 10 acres of paved areas, approximately 4 acres of unpaved areas, and two existing buildings. As shown on Figure 1-2, the main parking lot located in this area covers the existing 20s Complex vault, which was used in the late 1980s to consolidate building debris generated during the demolition of the above-grade portions of several former buildings in this area, as well as some equipment housed within the former buildings. This vault area is currently covered with a 1-foot thick reinforced concrete and bituminous asphalt layer that now serves as the surface of the existing parking area.

The eastern portion of the 20s Complex has undergone physical changes over the last several months due to the performance by Mass Highway of the Merrill Road reconstruction project.

30s Complex

The 30s Complex is an approximately 20-acre area located south of the 40s Complex. This RAA is bounded by Silver Lake Boulevard to the west (which separates this RAA from Silver Lake), East Street to the south, the 20s Complex to the east, and privately owned (CSX, Inc.) railway tracks and related easement to the north (Figure 1-3). The surface of this RAA is composed of paved areas (approximately 8 acres), unpaved areas (approximately 4 acres), and the remainder is occupied by several buildings.

Within the 30s Complex is the former Building 31 powerhouse structure and related facilities. Pursuant to the CD and SOW, and in accordance with the EPA-approved document entitled *Demolition/Consolidation Work Plan, Buildings 31, 31J, and 31-P,* GE is currently preparing for the demolition of the Building 31 powerhouse

and related structures, and expects to initiate demolition work within the next few months. As part of these demolition activities, the subgrade portions of the Building 31 foundation will be utilized for the disposition of various demolition-related debris. Following the placement of debris within the foundation, the area will then be subject to the installation of an engineered barrier in accordance with the approved work plan. At the present time, GE anticipates that demolition activities and related restoration of the affected areas will occur in mid to late 2002.

40s Complex

The 40s Complex is an approximately 10-acre area which is generally bounded by non-GE-owned commercial/industrial areas to the west, privately owned (CSX, Inc.) railway tracks and related easement to the south, other portions of the GE facility to the east, and Kellogg Street to the north (Figure 1-4). Buildings 42, 43, 43-A, and 44 comprise nearly one-third of this area (eastern portion), while most of the remaining area (approximately 5 acres) is paved with asphalt or concrete. Buildings 40-B, 41, and 41-A, which were previously located in the western portion of this RAA, were demolished in the early 1990s. Portions of the building subgrades are still present in this area.

1.3 Scope and Format of Conceptual RD/RA Work Plan

The contents of this Conceptual RD/RA Work Plan have been developed to satisfy the requirements as specified in Section 3.3 of the SOW. As indicated in the SOW, the Conceptual RD/RA Work Plan is intended to address the following information at such time that design activities are approximately 30% complete:

- Results of pre-design studies/investigations;
- An evaluation of the areas and depths (if any) subject to response actions to meet the PCB-related Performance Standards set forth in the CD and the SOW;
- An evaluation of the need for additional response actions to address non-PCB constituents and (if needed) the type of such response actions;

- An evaluation of other issues that may affect the type and extent of response actions [e.g., groundwater, non-aqueous phase liquid (NAPL)];

- Preliminary plans and specifications to support the response actions;

- Summary of preliminary response action quantities including soil removal, capping areas, etc.;

- Design assumptions and parameters; and

- An identification of Applicable or Relevant and Appropriate Requirements (ARARs) in accordance with Attachment B to the SOW.

This Conceptual RD/RA Work Plan provides an evaluation of the need for and (if necessary) scope of response actions to achieve the Performance Standards set forth in the CD and SOW for soils at the 20s, 30s, and 40s Complexes. Groundwater and NAPL at these RAAs are being addressed as part of GE's groundwater-related activities for the Plant Site 1 Groundwater Management Area (GMA 1) pursuant to the CD and the SOW. At the present time, these activities consist of the performance of a baseline monitoring program in accordance with GE's *Baseline Monitoring Program Proposal for Plant Site 1 Groundwater Management Area*, as conditionally approved by EPA.

Related to the performance of building demolition activities, the 20s, 30s, and 40s Complexes are included in an agreement known as the Definitive Economic Development Agreement (DEDA) executed by GE, the City of Pittsfield, and PEDA. Under the DEDA, GE will demolish certain buildings in these complexes and will eventually transfer these areas to PEDA. While the building demolition activities themselves are not subject to the requirements of the CD and the SOW, the soils underlying the buildings (once demolished) are to be addressed by the Removal Actions at the GE Plant Area under the CD and the SOW.

The information presented in this Conceptual RD/RA Work Plan for the 20s, 30s, and 40s Complexes goes well beyond the level of information and detail that is typically associated with a 30% technical design submittal. As described herein, the evaluations conducted by GE thus far are fully sufficient to identify the need for response actions to address PCBs in soils within each RAA, and also provide an assessment of the need for response actions to address the presence of other, non-PCB constituents present in soils. As discussed below, these evaluations to date indicate that there is no need for response actions at any of these RAAs. However, there still

remain several future activities and evaluations that will need to be performed, as discussed later in this document. At a minimum, these include review and comment on this Work Plan by EPA, a supplemental soil investigation to address certain Appendix IX+3 constituents that had elevated detection limits, and the submittal of one or more Addenda to this Work Plan. If the results of these activities indicate that soil remediation is necessary to address certain non-PCB constituents, additional technical design activities would be conducted and a Final RD/RA Work Plan would be submitted to EPA.

The remainder of this Work Plan is presented in five sections and several tables, figures, attachments, and appendices. Section 2 presents a summary of pre-design activities performed by GE to support the RD/RA evaluations. Sections 3 and 4 present evaluations of the need for response actions to address PCB and non-PCB constituents, respectively. Section 5 of this Work Plan discusses the various activities that will be performed following submittal of this Work Plan, while Section 6 provides a proposed schedule for those future activities.

2. Summary of Pre-Design Activities

2.1 General

Prior to the submittal of a Conceptual RD/RA Work Plan 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 summary of the pre-design activities that have been performed by GE at the 20s, 30s, and 40s Complexes. These activities have primarily involved the performance of soil sampling and analyses in accordance with the investigation requirements contained in the CD and SOW; such activities have been previously summarized in documents provided to the EPA. In addition, GE has also conducted other pre-design activities to supplement the soil characterization program and to support the evaluations presented herein. A summary of pre-design activities is provided below.

2.2 Pre-Design Soil Investigations

Between November 2000 and March 2001, GE performed pre-design soil investigations for the 20s, 30s, and 40s Complexes in accordance with a document entitled *Pre-Design Investigation Work Plan for Removal Actions at the 20s, 30s, and 40s Complexes* (Pre-Design Work Plan). These activities were designed to comply with the applicable pre-design investigation requirements contained in the SOW, taking into account the information available from prior investigations within these areas. In addition to the investigation requirements contained in the SOW, GE included in the Pre-Design Work Plan a proposal to sample soils beneath the slabs of several existing buildings subject to future demolition activities, treating these slabs as future paved areas. In addition, PEDA requested that GE collect soil samples from an additional 15 locations beneath the existing building slabs of nine buildings within the 20s, 30s, and 40s Complexes.

The pre-design soil sampling effort conducted at these RAAs in accordance with the Pre-Design Work Plan (i.e., not including the PEDA-requested sampling) involved the collection of soil samples from 96 locations. These sample locations are shown on Figures 1-2 through 1-4. A total of 253 soil samples were analyzed for PCBs. In addition, 92 samples (approximately one-third of the number of PCB samples) were analyzed for Appendix IX+3 constituents (excluding pesticides and herbicides). The PEDA-requested sampling effort involved the

collection of 42 additional soil samples for PCB analysis from 15 boring locations. These boring locations are also shown on Figures 1-2 through 1-4. One soil sample from each of the 15 boring locations was also analyzed for Appendix IX+3 constituents (excluding pesticides and herbicides).

The collection and analysis of the pre-design soil samples and the PEDA-requested soil samples, at the 20s, 30s, and 40s Complexes were conducted in accordance with the procedures set forth in GE's approved Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP). Soil samples collected during these investigations were analyzed for Aroclor-specific PCBs by EPA Method 8082. The PCB results were reported on a dry-weight basis. Select soil samples were also analyzed for Appendix IX+3 constituents (excluding pesticides and herbicides) following the methods presented in the FSP/QAPP. The analytical results for the pre-design investigation soil samples and the PEDA-requested soil samples are summarized in Table 2-1 for PCBs and Table 2-2 for other Appendix IX+3 constituents. For polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs), Table 2-2 also presents the total Toxicity Equivalency Quotient (TEQ) concentrations, calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization, as specified in the SOW.

The results of the pre-design soil investigations described above were provided in March 2001 to EPA in a document entitled *Pre-Design Investigation Report for Removal Actions at the 20s, 30s, and 40s Complexes* (Pre-Design Report), which was approved by EPA by letter of August 7, 2001. A data validation report was included in Appendix C of that document. That data validation report did not evaluate the PEDA-requested data or two samples from the pre-design investigation activities. Those samples (95-11 and 95-23, each analyzed for PCBs in the 0- to 1-foot depth increment) and the PEDA-requested data have undergone validation in accordance with Section 7.5 of the FSP/QAPP. That data validation report, presented in Appendix A, indicates that these data meet the data quality objectives (DQOs) set forth in the FSP/QAPP.

2.3 Other Soil Investigations

In addition to the activities performed by GE and summarized above, data from certain historical investigation activities were included in the evaluations presented herein. These investigations, performed prior to the pre-design investigation activities presented in Section 2.2, included the collection of 102 soil samples for analysis of PCBs and 6 samples for Appendix IX+3 analyses from 13 sample locations. These data are presented in Tables 2-3 and 2-4, respectively. GE has performed a data quality assessment of the historical data. This data

quality assessment, summarized in Appendix B, indicates that the historical data included in the evaluations presented herein meet the DQOs set forth in the FSP/QAPP.

Finally, EPA conducted soil investigations within the 20s, 30s, and 40s Complexes between December 2000 and April 2001. The scope of this program involved the collection of soil samples from 32 locations. These sample locations are shown on Figures 1-2 through 1-4. A total of 46 samples were analyzed for PCBs. In addition, 17 samples were analyzed for Appendix IX+3 constituents (in some cases including organochlorine pesticides). The EPA soil data, which are also being utilized to support remedial evaluations and design activities, are presented in Tables 2-5 and 2-6.

2.4 Site Survey and Mapping

At the time when the Pre-Design Investigation Report was submitted to EPA (March 2001), the current mapping available for the 20s, 30s, and 40s Complexes was not sufficient to support the detailed remedial evaluations needed as part of the Conceptual RD/RA Work Plan. As a result, subsequent to the submittal of that report, GE developed detailed site mapping of each RAA to include the following information:

- existing buildings;
- paved and unpaved areas;
- surface elevations and topography;
- 100-year floodplain (where applicable);
- property boundaries and easements;
- certain utilities (e.g., manholes, catch basins, etc.)
- soil sample locations; and
- other site features.

The site mapping resulting from this effort has been used to update the figures illustrating the soil sample locations and site features, and serves as the basis for the PCB and Appendix IX+3 evaluations presented in Sections 3 and 4 of this Work Plan.

3. PCB Soil Evaluations

3.1 General

This section of the Conceptual RD/RA Work Plan presents the results of preliminary evaluations regarding PCBs in soils and, based on the applicable PCB Performance Standards established in the CD and SOW, an assessment regarding the need for response actions. Included in this section is an overview of the applicable PCB-related Performance Standards, an evaluation of the existing PCB soil data, and a summary of findings related to the need for response actions.

3.2 Overview of PCB-Related Performance Standards

The CD and SOW establish Performance Standards related to the presence of PCBs in soil. The soil-related Performance Standards for the GE Plant Area, within which the 20s, 30s, and 40s Complexes are located, are set forth in Paragraph 25 of the CD and Section 2.2.2 of the SOW. Those that are applicable to the 20s, 30s, and 40s Complexes are summarized below.

In general, the PCB-related Performance Standards applicable to the 20s, 30s, and 40s Complexes are based on spatial average PCB soil concentrations that are calculated for prescribed areas and depths within each RAA in accordance with Attachment E to the SOW (Protocols for PCB Spatial Averaging). For the uppermost 1 foot of soil within the 20s, 30s, and 40s Complexes, Attachment E to the SOW provides several alternatives regarding the area(s) for which a PCB spatial average concentration can be calculated. From these alternatives, GE has elected to utilize the entire area of each RAA for averaging purposes and, in doing so, is required to evaluate the maximum PCB concentrations in unpaved surface soils. For soils at depths greater than 1 foot, the entire RAA represents the appropriate spatial averaging area. Given GE's election to use the entire area of each RAA as the averaging area for surface as well as subsurface soil, the applicable PCB-related Performance Standards are summarized as follows:

1. A spatial average PCB concentration shall be calculated for the 0- to 1-foot depth increment for the unpaved portion of each RAA and for the overall RAA (considering both paved and unpaved areas). In addition, for

the overall averaging area, GE shall calculate a spatial average PCB concentration for the 1- to 6-foot depth increment.

2. Based on the results of these calculations, the following response actions are required for the top foot of soil in each RAA:

   a. For unpaved areas located within the 100-year floodplain of the Housatonic River and/or Silver Lake ("100-year floodplain") where the spatial average PCB concentration in the top foot exceeds 25 ppm, soils shall be removed and replaced as necessary to achieve a spatial average PCB concentration of 25 ppm or below in the top foot.

   b. For unpaved areas located outside the 100-year floodplain where the spatial average PCB concentration in the top foot exceeds 25 ppm, soils shall either be removed and replaced or a soil cover shall be installed in accordance with the specifications for soil covers described in Attachment G to the SOW (Technical Requirements for Capping, Engineered Barriers, and Other Surface Covers) as necessary to achieve a spatial average PCB concentration of 25 ppm or below in the top foot.

   c. In addition, any soils containing PCB concentrations greater than a not-to-exceed (NTE) level of 125 ppm (on a discrete basis) in the top foot of soil in unpaved areas shall be removed.

   d. For areas (whether located within or outside the 100-year floodplain) where the spatial average PCB concentration in the top foot exceeds 25 ppm in the paved and unpaved portions combined, the spatial average PCB concentration for the top foot in that entire averaging area shall be recalculated after incorporating the anticipated performance of the response actions described above, as applicable. If that recalculated spatial average PCB concentration still exceeds 25 ppm, the existing pavement/ concrete surfaces shall be maintained and enhanced in those paved areas determined to cause the exceedance of the 25 ppm spatial average concentration for the top foot in the entire area. Such enhancements will be in accordance with the specifications described for pavement enhancement in Attachment G to the SOW. Where such pavement enhancement is undertaken within the 100-year floodplain, flood storage compensation shall be provided within the same general area, but not necessarily in the specific location of the pavement enhancement.

3. Where the spatial average PCB concentration in the 1- to 6-foot depth increment within each RAA exceeds 200 ppm, the following response actions are required: In areas located within the 100-year floodplain, soils shall be removed and replaced as necessary to achieve a spatial average PCB concentration of 200 ppm or below in the 1- to 6-foot depth increment. In areas located outside the 100-year floodplain, a combination of removal and replacement of soils in unpaved areas and/or enhancement of existing pavement/concrete surfaces in paved areas (in accordance with the specifications for pavement enhancement in Attachment G of the SOW) shall be performed as necessary to ensure that the PCB concentrations causing the spatial average to exceed 200 ppm are removed or covered by enhanced pavement.

4. For areas where utilities potentially subject to emergency repair requirements (e.g., water, gas, sewer, electricity, communication, and/or stormwater lines) are present and the spatial average PCB concentration in the corresponding utility corridor exceeds 200 ppm in the 1- to 6-foot depth increment, the need for any additional response actions shall be evaluated. The results of that evaluation, together with a proposal for such precautions or actions if needed, shall be submitted to EPA for review and approval. In addition, in the event that a new subgrade utility is installed in the future, or if an existing subgrade utility is repaired or replaced in the future, the spatial average PCB concentration of the backfill materials must be at or below 25 ppm.

5. After incorporating the anticipated performance of any response actions that may be required based on the above, the spatial average PCB concentration for the 0- to 15-foot depth increment shall be calculated. Where the spatial average PCB concentration exceeds 100 ppm in the 0- to 15-foot depth increment (after incorporating the anticipated performance of response actions, if any, for other depth increments), an engineered barrier shall be installed either over the soil (in currently unpaved areas) or over the pavement (in currently paved areas) in accordance with the specifications for engineered barriers in Attachment G to the SOW. In such areas within the 100-year floodplain, flood storage compensation shall be provided within the same general area, but such compensation need not be obtained in the specific locations subject to the barriers.

3.3 Summary of PCB Evaluation Procedures

The procedures used to calculate PCB spatial average concentrations are established in Attachment E to the SOW (Protocols for PCB Spatial Averaging) and are summarized below, while the evaluation results are

presented in Section 3.4. The performance of the evaluations summarized in this section has required the preparation of several detailed maps and computer spreadsheets. Such information is included as Attachments A through C for the 20s, 30s, and 40s Complexes, respectively.

For each area and depth subject to PCB spatial average calculations, a detailed site plan is first developed to illustrate the following:

- property/area boundaries;
- surface topography;
- soil sampling locations within and adjacent to area;
- presence of roadways, utilities, easements, etc.;
- presence of buildings, pavement, and other permanent structures; and
- other significant site features.

The next step in the evaluation process is the development of Theissen polygon maps for each averaging area and depth interval. Theissen 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 Theissen 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 Theissen polygons are 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 Theissen polygon mapping is complete, all of the soil areas and depths potentially subject to response actions are adequately characterized for use in subsequent evaluations. After generation of the Theissen polygons, polygon identification numbers are assigned to each polygon and the surface area of each polygon is calculated.

The next step in the calculation of spatial average PCB concentrations is the development of computer spreadsheets to combine information obtained from the Theissen 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 is 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 is 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.

Following the development of these spatial average PCB concentrations, those concentrations are compared to the applicable numerical PCB Performance Standards established in the CD and SOW to determine whether response actions are necessary. For areas where the spatial average PCB concentration exceeds the applicable numerical Performance Standard, the type of response action required (e.g., soil removal, installation of a surface cover, etc.) will depend on specific site characteristics (e.g., presence of pavement, location within or outside 100-year floodplain, etc.), as described in the CD and SOW and summarized in Section 3.2.

3.4 Summary of PCB Evaluations

Using the procedures described above, together with all available PCB soil data from the 20s, 30s, and 40s Complexes and the detailed site mapping that illustrates site-specific features, the existing spatial average PCB concentrations have been calculated for each of the relevant types of areas (i.e., unpaved or total) and depth increments at each of these RAAs. In addition, to apply the NTE level Performance Standard, the maximum concentration in the surface soil (i.e., top one foot) in unpaved areas has been determined for each RAA. Finally, an evaluation has been conducted to determine the spatial average PCB concentration in the 1- to 6-foot depth increment in utility corridors containing subgrade utilities that may be subject to emergency repair activities in the future. These various concentrations have then been compared to the applicable numerical Performance Standards.

The remainder of this section summarizes the results of the PCB spatial average calculations and the comparisons to the Performance Standards. As summarized below, all of the PCB spatial average concentrations, as well as the maximum PCB concentration in unpaved surface soils, are well below the corresponding Performance Standards for PCBs in soil. As such, there are no response actions needed to achieve the PCB-related Performance Standards.

For each RAA, the following evaluation materials have been prepared and are summarized in Attachments A, B, and C for the 20s, 30s, and 40s Complexes, respectively:

- Site mapping identifying specific Theissen polygons for several depth increments;

- Computer spreadsheets for several depth increments to incorporate the site plan information (i.e., Theissen polygon size) and the corresponding PCB analytical data; and

- Calculations (summarized on the individual spreadsheets and then combined as appropriate) of the spatial average PCB concentrations for several depth increments.

From the various materials identified above and provided in Attachments A, B, and C, the existing spatial average PCB concentration for each RAA and applicable depth increment (i.e., 0- to 1-foot unpaved areas, 0- to 1-foot overall area, 1- to 6-foot depth, and 0- to 15-foot depth) have been calculated. The following chart summarizes the information presented in the attachments.

Depth Increment	PCB Spatial Average Concentration (ppm)			
	Performance Standard	20s Complex	30s Complex	40s Complex
0 to 1 foot - Unpaved Areas	25	8.12	12.39	5.66
0 to 1 foot - Overall Area	25	9.47	7.32	3.02
1 to 6 feet	200	25.50	2.64	0.18
0 to 15 feet	100	26.88	4.05	0.28

Based on the information summarized above, it can been seen that the existing PCB spatial average concentrations are well below the corresponding Performance Standards. As such, no response actions are necessary to achieve these standards.

As previously indicated, based on the spatial averaging approach used by GE for the top foot of each RAA (i.e., the entire surface area, as specified in Attachment E to the SOW), it is necessary to compare the maximum PCB concentration (discrete sample basis) for unpaved surface soils within each RAA to the NTE concentration of 125 ppm. The maximum PCB sample results for such soils within the 20s Complex (91 ppm), the 30s Complex (100 ppm), and the 40s Complex (19.7 ppm) are below the 125 ppm NTE concentration established in the SOW. Accordingly, no response actions are necessary within the uppermost 1 foot of unpaved soils to meet the NTE Performance Standard.

Finally, an evaluation has been made to determine the spatial average PCB concentration in the 1- to 6-foot depth increment in existing utility corridors where utilities potentially subject to emergency repair are present. GE has previously provided to EPA information regarding the locations of subgrade water, sanitary sewer, natural gas, process and product piping, underground tunnels, and electric distribution/service lines at the 20s, 30s, and 40s Complexes. This information, in the form of several GE facility drawings and available City of Pittsfield mapping, was provided to EPA as an appendix to the Pre-Design Investigation Work Plan. Since that time, as part of the development of detailed site mapping for these RAAs, additional information regarding the presence of utilities has been obtained and included within the site mapping shown on Figure D-1. This information, as well as the results of the pre-design soil investigations, is sufficient to conduct an evaluation of soils related to utility corridors. The results of this evaluation are presented in Attachment D and summarized below:

- The available site mapping indicates that there are numerous utilities present throughout the 20s, 30s, and 40s Complexes. In addition to several public and private utilities (e.g., sanitary, stormwater, potable water, telecommunications, natural gas), there are several GE-owned subgrade utilities, including steam conduits, underground utility tunnels/vaults, etc.

- Due to the extensive network of subgrade utilities, an initial screening step was conducted involving the identification of any discrete PCB sample results within the 1- to 6-foot depth increment that exceed 200 ppm. Based on this screening step, only two sample results were identified that exceed 200 ppm within the 1- to 6-foot depth increment, both located within the 20s Complex. Sample RAA3-4 has a PCB concentration of 220 ppm for the 1- to 6-foot depth increment and is located in close proximity to an electric line, as well as a number of other utilities located in the north-central portion of the 20s Complex. Sample 95-11 is located in close proximity to a stormwater line in the southeastern portion of the 20s Complex and has a PCB concentration of 520 ppm in the 2- to 4-foot depth increment (note that when calculating a depth-weighted PCB concentration for this sample result, using PCB data from the 1- to 2-foot and 4- to 6-foot depth increments, the depth-weighted PCB concentration for the 1- to 6-foot depth interval at this location is approximately 216 ppm PCBs).

- Since the applicable Performance Standard for utility corridors applies to the spatial average PCB concentration in the corridor, spatial average PCB concentrations were then calculated for the utility corridors that contain the two sample results mentioned above, and those concentrations were compared to

the utility corridor Performance Standard of a spatial average of 200 ppm. The evaluation materials are provided as Attachment D to this Work Plan and the results are summarized below.

- For the utility corridor associated with sample RAA3-4, located in the north-central portion of the 20s Complex, the available site mapping indicates that there are numerous utilities with a large network of piping in this area, such that a single utility corridor does not exist. Instead, when establishing utility corridors for each pipe section, the resulting area essentially is represented by the entire area located in the north-central portion of the 20s Complex. Therefore, a PCB spatial average for the 1- to 6-foot depth increment of this approximately 2-acre area (shown in Attachment D) was calculated using the available PCB soil data (12 samples within this area). The resulting PCB spatial average for this area is approximately 37 ppm.

- For the utility in close proximity to sample 95-11, located in the southeast portion of the 20s Complex, a spatial average concentration of the utility corridor for this pipeline was calculated. The section of piping subject to evaluation includes an approximate 10-foot wide corridor centered on the pipeline between three manholes (refer to Figures D-2, D-3, and D-4 in Attachment D). In calculating a spatial average for this utility corridor, PCB soil data from four locations were considered. The existing PCB spatial average concentration for the soils within this utility corridor is approximately 150 ppm.

Based on this assessment, it is not necessary to conduct a further evaluation of the need for separate response actions for these utility corridors.

In summary, as described above, the Performance Standards for PCBs in soil at the 20s, 30s, and 40s Complexes are already achieved under existing site conditions, and hence there is no need for any PCB-related response actions at these RAAs.

4. Non-PCB Soil Evaluations

4.1 General

The Performance Standards established in the CD and SOW for non-PCB Appendix IX+3 constituents in soil set forth a prescribed process that includes and considers (as needed) several evaluation components. Similar to the PCB soil evaluations, the assessment of non-PCB constituents relies on the data set resulting from the pre-design (and earlier) soil investigations. It also incorporates the anticipated performance of response actions (if any) that have been identified for PCBs. Beyond these initial evaluation components, the activities involved in the assessment of non-PCB constituents vary depending on the specific analytes under consideration, the possible elimination of certain constituents from further evaluation based on numerical screening and/or comparison to background conditions, and the specific risk-based evaluation method.

This section of the Work Plan summarizes the Performance Standards and evaluation process established in the CD and SOW concerning non-PCB constituents in soil, and provides an evaluation of such constituents within the 20s, 30s, and 40s Complexes.

4.2 Overview of Applicable Performance Standards

As indicated above, the Performance Standards for non-PCB Appendix IX+3 constituents in soil consist of several prescribed evaluation steps, as well as numerical standards that are to be applied within the evaluation process. The applicable Performance Standards for Appendix IX+3 constituents in soil at the GE Plant Area, including the 20s, 30s, and 40s Complexes, are set forth in Section 2.2 and Attachment F of the SOW. Those Performance Standards apply to the same averaging areas as the PCB Performance Standards, which, in this case, means that each of the RAAs subject to this Work Plan is a separate averaging area. The Performance Standards applicable to these RAAs are summarized below. (Note that although no response actions are necessary to address PCBs in soil at these RAAs, that component of the non-PCB evaluation process is included in the discussion below for completeness.)

1. Any data qualifiers for the Appendix IX+3 soil data shall be reviewed to eliminate analytical results that indicate constituent occurrence as a result of laboratory interference or contamination (as indicated by the laboratory blank data).

2. The remaining Appendix IX+3 data shall be screened to take into account the proposed response actions to address PCBs as specified in the PCB-related Performance Standards. Specifically, sample results from soil that will be removed to address PCBs will be eliminated from consideration, and it will be assumed that such soil will be replaced with an equal volume of clean soil containing concentrations of organic constituents at one-half the detection limit and concentrations of inorganic constituents consistent with those detected in representative samples of the backfill material. Similar concentrations for organic and inorganic constituents will be assumed to be present in any soil cover used. For areas where an engineered barrier or pavement enhancement will be installed to address PCBs, the Appendix IX+3 sample results from soil underlying such barrier or enhanced pavement will be eliminated from consideration, and averages will be recalculated for the portion(s) of the areas not subject to such barrier or pavement enhancement (subject to potential modification, if necessary, based on the nature and concentration of volatile constituents for which such barriers/pavement may not provide effective containment).

3. The remaining data shall then be screened further by making the following comparisons for the sample results that were not eliminated in the prior steps:

    a. For constituents other than dioxins/furans, the maximum concentration of each detected constituent shall be compared to the EPA Region 9 Preliminary Remediation Goals (PRGs) (set forth in Exhibit F-1 to Attachment F of the SOW) using the industrial PRGs for commercial/industrial areas, such as the 20s, 30s, and 40s Complexes. For polycyclic aromatic hydrocarbons (PAHs) for which EPA Region 9 PRGs do not exist, the EPA Region 9 PRG for benzo(a)pyrene shall be used for carcinogenic PAHs and the Region 9 PRG for naphthalene shall be used for non-carcinogenic PAHs. For other constituents for which EPA Region 9 PRGs do not exist, GE may propose screening concentrations based on either the EPA Region 9 PRGs for chemicals with similar characteristics or on other appropriate risk-based calculations, and upon EPA approval, may use such screening concentrations in this step. (The EPA Region 9 PRGs, together with the PRGs specified above for carcinogenic and non-carcinogenic PAHs for which there are no EPA Region 9 PRGs and any additional screening concentrations proposed by GE and approved by EPA, are hereinafter referred to jointly as "Screening PRGs.") Any constituent whose maximum concentration is at or below the

applicable Screening PRGs will be eliminated from further consideration. Any constituents remaining after this step will be subject to further evaluation.

b. For each dioxin/furan sample, a total TEQ concentration shall be calculated using the TEFs published by the World Health Organization (WHO) (Van den Berg et al., *Environ. Health Perspectives*, Vol. 106, No. 12, Dec. 1998). Then, for the relevant averaging area and depth increment, either the maximum TEQ concentration or the 95% upper confidence limit on the mean (95% UCL) of TEQ concentrations, whichever is lower, shall be compared to the applicable PRG established by EPA for dioxin TEQs. For commercial/industrial areas, these PRGs are 5 ppb in the top foot and 20 ppb in subsurface soil. If the maximum detected concentration or 95% UCL TEQ concentration is less than the applicable PRG, no further response actions will be necessary to address dioxins/furans. If the maximum detected concentration or 95% UCL TEQ concentration (whichever is used) exceeds the applicable PRG, GE shall develop response actions (as described below) for EPA review and approval to achieve the dioxin PRG(s).

4. For each constituent (other than dioxins/furans) with a maximum concentration that exceeds its Screening PRGs, the data set for that constituent within the particular RAA (after taking into account any PCB-related response actions) shall be compared with the background data set for that constituent, using either an appropriate statistical method or summary statistics (as described in the MDEP's *Guidance for Disposal Site Risk Characterization*, 1995). For such comparisons, site-specific background data sets approved by EPA shall be used, which may include, at a minimum, soil data from the Housatonic River floodplain collected upstream of releases from the GE Plant Area and soil data from GE's off-site residential property program (excluding samples with detectable PCB concentrations and samples containing visible evidence of non-native fill). Any constituent for which the RAA data set is consistent with the background data set will be eliminated from further consideration. Conversely, any constituent for which the data set is not consistent with the background data set will be subject to further evaluation. (Note: This step may be omitted if all constituents remaining after the PRG screening described in Step 3.a above can be eliminated through Step 5 below.)

5. For each constituent (other than dioxins/furans) that is not eliminated in the prior steps, an average concentration for the soils within the RAA (taking into account any PCB-related response actions) shall be calculated and compared to the applicable MCP Method 1 soil standard (S-1, S-2, or S-3). If there is no existing Method 1 soil standard for such a constituent, a Method 2 standard may be derived using the MCP

procedures for doing so, and compared to the average concentration. In making these comparisons, separate average concentrations for surface soil and subsurface soil (using depth increments consistent with those evaluated for PCBs) shall be calculated and compared to applicable Method 1 (or 2) standards. Further, the determination of the applicable set of Method 1 (or 2) standards (i.e., S-1, S-2, or S-3) shall follow the MCP criteria for categorizing soil, and may take into account the ERE that will be imposed on the area in question. If all constituents evaluated in this step have average concentrations at or below the applicable Method 1 (or 2) standards, no further response actions will be necessary to address such constituents. If any such constituent(s) have average concentrations exceeding the applicable Method 1 (or 2) standards, then GE shall either:

a. Develop response actions sufficient to reduce the average concentrations of such constituent(s) to the Method 1 (or 2) standards (or to achieve the Screening PRGs or background levels); or

b. Conduct an area-specific risk evaluation, as described below.

6. If an area-specific risk evaluation will be conducted, that evaluation shall be performed for all constituents that were retained for evaluation prior to Step 5. In such an evaluation, the cumulative Excess Lifetime Cancer Risk (ELCR) and non-cancer risk for such constituents (excluding PCBs and dioxins/furans) shall be calculated based on the average concentrations of such constituents and the same uses for the area and depth increment in question (e.g., commercial/industrial worker, utility worker) that were assumed in developing the applicable PCB Performance Standards for such area and depth increment. In such an evaluation, the same exposure assumptions used in Attachment A to EPA's Action Memorandum for Removal Actions Outside the River (Appendix D to the CD) to support the PCB Performance Standards for such area and depth increment shall be used, unless GE proposes and provides an adequate area-specific justification for alternate exposure assumptions for certain specified parameters and EPA approves such alternate assumptions. The toxicity values to be used for cancer and non-cancer risks in such an evaluation shall be derived from standard EPA sources, and other dose-response information, such as toxicity weighting factors and absorption factors for non-PCB constituents, shall be obtained from EPA and MDEP policies and guidance, except that GE may propose alternate dermal and oral absorption factors and use them if approved by EPA

If the resulting cumulative ELCR for the area (excluding PCBs and dioxins/furans) does not exceed 1×10^{-5} and the non-cancer Hazard Index (excluding PCBs and dioxins/furans) does not exceed 1, no further

response actions will be necessary to address these residual Appendix IX+3 constituents. Otherwise, further response actions will be necessary.

7. If the evaluations described above indicate the need for further response actions to address non-PCB constituents, GE shall develop, for EPA review and approval, specific Performance Standards for such response actions. Such Performance Standards shall be based on achieving the following, after taking into account the PCB-related response actions:

   a. For dioxin/furan TEQs, either maximum or 95% UCL TEQ concentrations that do not exceed the EPA dioxin PRGs; and

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

   GE shall propose for EPA approval the implementation of further response actions as necessary to achieve those Performance Standards. The specific response actions to be taken to achieve those Performance Standards will be the same the response actions established by the Performance Standards for PCBs at the area in question, subject to potential modification if necessary based on the nature and concentration of any volatile constituents detected.

4.3 Summary of Preliminary Evaluations

This section applies the Performance Standards and evaluation process summarized in the preceding section to the Appendix IX+3 constituents present in soils within the 20s, 30s, and 40s Complexes. As previously demonstrated in Section 3, no response actions are necessary for PCBs within the 20s, 30s, and 40s Complexes, so the evaluation of Appendix IX+3 constituents considered the entire pre-design soil data set. The remaining evaluations summarized below follow the evaluation process outlined in the SOW (and summarized in Section 4.2), and utilize several tables to supplement the discussions presented herein.

4.3.1 Review of Data Qualifiers

As previously mentioned, all of the soil data available to support the technical RD/RA evaluations for the 20s, 30s, and 40s Complexes have been subject to a data quality assessment. For most of the pre-design sampling data, the results of this assessment were provided in the Pre-Design Report, while the remaining soil data were evaluated as described in Appendix A and Appendix B of this Work Plan. In several cases, the sampling results have been qualified (and, in a few cases, rejected) to reflect the outcome of the quality assurance/quality control procedures performed. For the affected sample results, these qualifiers have been added to the Appendix IX+3 data summary tables (Tables 2-2 and 2-4) and are further described in the notes provided with those tables. However, no sample results were rejected due to laboratory interference or laboratory contamination.

4.3.2 Comparison to "Screening PRGs"

Consistent with the protocols established in the SOW, the next screening step for the non-PCB Appendix IX+3 constituents other than dioxins/furans consisted of comparison of the maximum concentrations of the detected constituents to the "Screening PRGs." However, Appendix IX+3 herbicides and pesticides were not included in this (or any other) Appendix IX+3 evaluation since they were not considered to be constituents of concern within the 20s, 30s, and 40s Complexes and were therefore excluded from the pre-design investigations, with EPA approval.

With two exceptions (discussed below), all of the detected Appendix IX+3 constituents in soil have corresponding EPA Region 9 PRGs (or, for non-carcinogenic PAHs without such PRGs, surrogate PRGs equivalent to the PRG for naphthalene, as specified in the SOW). For these constituents, the available data set for each RAA (Tables 2-2, 2-4, and 2-6) was reviewed and the maximum detected concentration of each detected constituent within each RAA was compared to EPA Region 9 (or surrogate) PRGs for soil in industrial areas. The two detected constituents for which there are no such PRGs are p-dimethlyaminoazobenzene and sulfide. The former was detected (at 0.61 ppm) in only one sample (in the 30s Complex). For this constituent, there is insufficient published information available to derive a risk-based Screening PRG. Hence, GE proposes to use the Practical Quantitation Limit (PQL) listed in the FSP/QAPP for this constituent (0.67 ppm) as the Screening PRG. Since the maximum detected concentration of p-dimethlyaminoazobenzene is below that level, this constituent was eliminated from further evaluation. Sulfide is evaluated further in Section 4.3.4 below through comparison to background soil data.

Tables 4-1, 4-2, and 4-3 present the results of the comparisons of the maximum detected concentrations with the Screening PRGs for the 20s, 30s, and 40s Complexes, respectively. Based on these comparisons, the following constituents were retained for further evaluation in subsequent steps:

20s Complex	30s Complex	40s Complex
Benzo(a)pyrene	Benzo(a)anthracene	Benzo(a)anthracene
Arsenic	Benzo(a)pyrene	Benzo(a)pyrene
Sulfide	Benzo(b)fluoranthene	Benzo(b)fluoranthene
	Dibenzo(a,h)anthracene	Indeno(1,2,3-cd)pyrene
	Indeno(1,2,3-cd)pyrene	Arsenic
	Arsenic	Lead
	Lead	Sulfide
	Sulfide	

In accordance with the protocols established in the SOW, the comparisons to the Screening PRGs were made for the maximum detected concentration of each detected constituent. However, for several volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs), there are a number of sample results within each RAA in which the constituents were not detected but which had elevated detection limits such that one-half the detection limit exceeded the PRG. These constituents (excluding the retained constituents identified above) are listed in Tables 4-4, 4-5, and 4-6 for the 20s, 30s, and 40s Complexes, respectively. The following comments are provided about these sample results:

- The great majority of these constituents were not detected in any of the samples within the given RAA. However, there are a few cases where the constituents were detected in certain samples (at levels below the PRGs) while others were non-detect but had elevated detection limits. In those limited cases, the frequency of detection was very low.

- For several constituents, the PRG is well below (more than two times lower than) its PQL as specified in Table 3 of the FSP/QAPP. These constituents are highlighted in Tables 4-4 through 4-6. As a result, for these constituents, even if the laboratory achieved the PQLs, the results would still not be low enough for comparison to the PRGs, and it may therefore be appropriate to eliminate these constituents on the ground that they were not detected at the EPA-approved PQLs.

- As described in Section 2 of this Work Plan, all of the pre-design soil data have been subject to a data quality assessment. That assessment determined that the data for the subject VOCs and SVOCs were suitable for technical RD/RA evaluations.

- GE has provided the information summarized in Tables 4-4 through 4-6 to the analytical laboratory (CT&E, Inc.) and has discussed with the laboratory the following topics related to these results: 1) analytical procedures and methodologies, 2) unique circumstances or findings identified by the laboratory for these constituents, and 3) recommendations regarding the possible achievement of lower reporting limits. The laboratory provided several insights on these topics. First, based on review of the analytical back-up documentation, the laboratory indicated that interferences within the soil matrix were encountered for the majority of the samples that exhibited elevated detection limits. The laboratory also indicated that, in a few instances, the relatively low percentage of solids comprising the soil sample resulted in the elevated detection limits. With respect to achieving lower reporting limits if new soil samples were collected from the same locations and depths, the laboratory indicated that it was unsure if lower detection limits could be attained since the primary cause of the elevated detection limits is related to the soil matrix itself rather than the analytical procedures and methodologies. However, the laboratory did indicate that additional sample preparation prior to laboratory analysis (e.g., gel permeation chromatography) may be helpful in reducing potential soil matrix interferences and achieving lower reporting limits.

In light of these considerations, GE considers it unlikely that the non-detected VOC and SVOC constituents identified in Tables 4-4, 4-5, and 4-6 will dictate the need for any response actions for soils within the 20s, 30s, and 40s Complexes. Nevertheless, based on its discussion with the laboratory, GE will perform a limited supplemental soil investigation to assess whether and to what extent lower analytical reporting levels can be achieved for these constituents at these RAAs, and will use this information to assess the need for further Appendix IX+3 evaluations. Specifically, GE will collect additional samples at several previously sampled locations where the prior results generally exhibited the highest detection limits for the constituents in question. These samples will be submitted to the analytical laboratory for analysis of the specific VOCs and/or SVOCs that were affected by this issue, with instructions to achieve, to the extent possible, the PQLs specified in Table 3 of the FSP/QAPP. The scope of this resampling and analysis effort is described in more detail in Section 5.2 below, and the evaluation of the resulting data is discussed in Section 5.3 below.

4.3.3 Dioxin/Furan Data Assessment

To assess the need for response actions for dioxins/furans present in soils within the 20s, 30s, and 40s Complexes, total TEQ concentrations were calculated for each dioxin/furan soil sample result using the TEFs published by the World Health Organization (WHO). In making these calculations, in accordance with the

approach specified in an EPA letter to GE dated October 31, 2001, the concentrations of the individual dioxin/furan compounds that were not detected in a given sample were represented as ½ the analytical detection limit for such compounds. Tables 2-2, 2-4, and 2-6 present the TEQ concentrations for the samples collected from the 20s, 30s, and 40s Complexes. Based on this available data set, the maximum TEQ concentration was determined for the 0- to 1-foot (surface) and 1- to 15-foot (subsurface) depth increments for each RAA. These concentrations are provided in Tables 4-7 through 4-9 for the 20s, 30s, and 40s Complexes, respectively. As shown in these tables, the maximum TEQ concentrations for each RAA (in each depth increment) are below the applicable PRGs established in the Performance Standards for commercial/industrial areas (i.e., 5 ppb in the top foot and 20 ppb in subsurface soils). As a result, there was no need to calculate the 95% UCLs for the TEQ concentrations. Based on this analysis, no response actions to address dioxins/furans are necessary.

4.3.4 Comparison to Background Conditions

The evaluation process established in the SOW includes comparison of the concentrations of Appendix IX+3 constituents (other than PCBs and dioxins/furans) to background conditions. If it can be demonstrated (through appropriate statistical means) that the concentration of a given constituent is consistent with background levels for the same constituent, that constituent can be eliminated from further evaluation. Attachment F to the SOW required that GE develop a background data assessment for soils, and it identified several sources of information (i.e., existing sampling data) to be used in preparing this assessment. GE submitted a *Background Soil Data Assessment for the GE-Pittsfield/Housatonic River Site* (Background Data Assessment) to EPA on December 15, 2000. Following submittal of the Background Data Assessment, and based on subsequent discussions with EPA, GE has elected to defer finalization of that document.

However, for purposes of the present Appendix IX+3 assessment, GE proposes to utilize background data to evaluate one specific constituent: sulfide. As previously mentioned, there is no EPA Region 9 PRG for sulfide. In addition, there is no MCP Method 1 soil standard for this constituent. In this situation, GE has developed a specific background data set for this one constituent, and has compared the available sulfide data from the 20s, 30s, and 40s Complexes to that background data set.

To establish a background data set for sulfide, the sulfide data presented in the Background Data Assessment were considered. However, based on discussions with EPA subsequent to submittal of that document, the background data set for sulfide has been modified as follows. First, background sampling data from floodplain

areas upstream of the GE Plant that are in a predominantly downwind area of the City's former municipal trash incinerator have been excluded from the background data set. Second, since the 20s, 30s, and 40s Complexes are located outside of the 10-year floodplain of the Housatonic River or Silver Lake, background data from within that particular floodplainhave also been excluded. When incorporating the above modifications, the background data set available for sulfide consists of 65 sample results, all of which were collected from subsurface soils.

To further evaluate the suitability of this background data set for comparison to the sulfide data from the 20s, 30s, and 40s Complexes, an evaluation was made to determine whether there are any significant differences between the surface and subsurface sulfide data, using the data from these three RAAs. Sulfide data within the 20s, 30s, and 40s Complexes consist of 114 samples total, including 47 surface soil samples and 67 subsurface soil samples. While there is some variability in the sample results (based on sulfide's natural occurrence in the environment as well as analytical-based variables), there is no discernible trend between the surface and subsurface sample results. In general, at all three complexes, there was a comparable frequency of detection and median values for the sulfide data in the surface and subsurface soils. Further, the subsurface soil data generally exhibited the higher individual sulfide concentrations and the higher overall average concentrations, relative to surface soils. For these reasons, GE proposes to use the existing sulfide background data set for the evaluation of the sulfide soil data from the 20s, 30s, and 40s Complexes.

The maximum and median concentrations for the sulfide data sets for each RAA have been compared to the maximum and median concentrations from the background data set using the MDEP's summary statistics approach. This evaluation is summarized in Table 4-10. As shown in this table, neither the maximum nor median sulfide concentration in the soil data sets for the 20s, 30s, and 40s Complexes exceeds the maximum or median concentration in the background data set. As a result, GE proposes to eliminate sulfide from further evaluation based on considerations related to background conditions.

4.3.5 Comparison to MCP Method 1 Soil Standards

For those constituents retained for further evaluation (based on the outcome of the screening and background evaluations summarized in the previous sections of this Work Plan), the next component of the evaluation process involves the comparison to MCP Method 1 soil standards. As part of this assessment, it is first necessary to determine the appropriate Method 1 soil category(ies) (i.e., S-1, S-2, or S-3), so that corresponding

soil standards can be compared to the constituents of interest. In general, under the MCP, the determination of the appropriate Method 1 soil standard(s) considers the physical accessibility of the soils (relative to their depth and presence of pavement and buildings), as well as the current use of the area by adults and children and the relative frequency and intensity of such use (see 310 CMR 40.0933).

Several general considerations were involved in the selection of appropriate soil categories, including: 1) the industrial/commercial nature of the 20s, 30s, and 40s Complexes, 2) the relative inaccessibility to the soils (due to existing buildings and paved areas); 3) the absence of any children or related types of use within the RAAs, and 4) the limited adult activity within these areas. Based on these considerations, the following MCP Method 1 soil categories have been selected: S-2 for unpaved soils present in the top foot, and S-3 for all other soils. The selection of these categories was based on the assumed frequency and intensity of use by adults. Specifically, it was conservatively assumed that the frequency of adult use would be "high" (based on the potential for future adult activity to occur at the RAAs for 8 hours or more on a continuing basis). However, the intensity of such use was determined to be "low," based on the expectation that typical uses would not involve activities that would disturb the soils. As a result, category S-2 was determined to apply to unpaved surface soil, while category S-3 was determined to apply to soil under pavement and other subsurface soil.

It should also be noted that the numerical values of the Method 1 soil standards can vary depending on the applicable groundwater classification. For the 20s, 30s, and 40s Complexes, the applicable MCP groundwater categories are GW-2 and GW-3. However, for the constituents retained for evaluation at these RAAs, the Method 1 S-2 and S-3 soil standards are the same regardless of which of these groundwater categories is used.

To allow the comparison to MCP Method 1 soil standards, arithmetic average concentrations have been calculated for each of the retained constituents, using the available data for three specific depth intervals within each RAA: 0 to 1 foot, 1 to 6 feet, and 0 to 15 feet. These specific depth increments correspond to the depth increments used in the PCB evaluations summarized in Section 3 of this Work Plan. In calculating these arithmetic averages, all available sample results for a given RAA and depth increment were used, including both results with detectable concentrations and results with non-detect concentrations. Consistent with the protocols in Attachment F to the SOW, non-detect results were represented in the calculations as one-half the analytical detection limit.

These arithmetic average concentrations were then compared to the applicable Method 1 S-2 or S-3 soil standards. The results of those comparisons are presented in the following tables:

Removal Action Area	Soil Depth Increment		
	0 to 1 foot	1 to 6 feet	0 to 15 feet
20s Complex	Table 4-11	Table 4-12	Table 4-13
30s Complex	Table 4-14	Table 4-15	Table 4-16
40s Complex	Table 4-17	Table 4-18	Table 4-19

Based on the information presented in Tables 4-11 through 4-19, there are several PAH constituents within each RAA for which the arithmetic average concentration exceeds its corresponding Method 1 soil standard. These constituents are as follows:

Removal Action Area	Soil Depth Increment		
	0 to 1 foot	1 to 6 feet	0 to 15 feet
20s Complex	Benzo(a)pyrene	None	None
30s Complex	Benzo(a)pyrene Dibenz(a,h)anthracene Indeno(1,2,3-cd)pyrene	Dibenz(a,h)anthracene	Benzo(a)pyrene Dibenz(a,h)anthracene
40s Complex	Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Indeno(1,2,3-cd)pyrene	None	Benzo(a)pyrene

No other constituents subject to evaluation exceeded their corresponding Method 1 standards.

Two points should be noted about these comparisons. First, it appears that some of the exceedances of the Method 1 standards in the 20s and 30s Complexes are wholly or partly attributable to elevated detection limits associated with several of the non-detect sample results. For example, for benzo(a)pyrene in the surface soil at the 20s Complex, the average of all detected concentrations was only 0.68 ppm (below the Method 1 standard of 0.7 ppm), while the average of one-half the detection limits for the non-detect samples was 1.01 ppm. Similarly, for dibenz(a,h)anthracene in the 1- to 6-foot depth increment at the 30s Complex, the only detected concentration was 0.44 ppm in one sample (below the Method 1 standard of 0.7 ppm), while the average of one-half the detection limits for the non-detect samples was 1.18 ppm. Nevertheless, as noted above, all non-detect samples were represented as one-half the detection limit in calculating the overall RAA averages. Second, even using this conservative procedure, all average concentrations of these constituents for all RAAs and depth increments are below the draft revised Method 1 soil standards that the MDEP has developed, which are

expected to be published for public comment within the next few months and finalized in 2002. For the above PAHs, the draft revised Method 1 standards are (in ppm):

	S-2/GW-3	S-3/GW-3
Benzo(a)anthracene	40	300
Benzo(a)pyrene	7	30
Benzo(b)fluoranthene	40	300
Dibenz(a,h)anthracene	4	30
Indeno(1,2,3-cd)pyrene	40	300

Nevertheless, given the results of the comparisons to Method 1 standards, GE has elected to proceed to the next step of the Appendix IX+3 evaluation process as set forth in the SOW --namely, the performance of area-specific risk evaluations. Those evaluations are described in the next section.

4.3.6 Area-Specific Risk Evaluations

In accordance with the protocols specified in the SOW, area-specific risk evaluations have been performed for all constituents that were retained for evaluation prior to the comparison to MCP Method 1 standards. Separate evaluations have been performed for the 20s, 30s, and 40s Complexes based on the average concentrations of such constituents at each RAA and the same uses and exposure scenarios that were assumed in developing the applicable PCB Performance Standards for these RAAs, as set forth in EPA's PCB risk evaluation in Attachment A to Appendix D to the CD -- i.e., the commercial/industrial groundskeeper scenario for the 0- to 1-foot depth increment and the utility worker scenario for the 1- to 6-foot depth increment. The average constituent concentrations used in these evaluations were the same as those used in the comparisons to Method 1 standards; thus, the non-detect sample results were represented as one-half the detection limit (even for those results that had elevated detection limits). In addition, these risk evaluations 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 applicable scenarios, except that for chemical-specific parameters (i.e., oral and dermal absorption factors), the evaluations used default values recommended by EPA or MDEP. 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), together with EPA's recommended TEFs for the carcinogenic PAHs. These EPA-accepted exposure assumptions and toxicity values were used in these evaluations as a conservative measure and to avoid controversy, even though GE does not necessarily agree with those values.

These risk evaluations are described and the results are presented in Appendix C to this Work Plan, which was prepared by GE's risk assessment consultants at AMEC Earth and Environmental. As shown there, a cumulative ELCR was calculated for the carcinogenic constituents retained for each RAA (i.e., benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenz(a,h)anthracene, indeno(1,2,3cd)pyrene, and arsenic, as applicable). In addition, a Hazard Index (HI) was calculated for each RAA for the only retained constituent with a non-cancer RfD -- arsenic. The resulting ELCR and HI for each RAA are well below the benchmarks set forth in the SOW of 1×10^{-5} for cancer risks and an HI of 1.0 for non-cancer impacts, as shown below:

RAA	Cumulative ELCR		Hazard Index	
	0-1 Foot (Groundskeeper)	1-6 Feet (Utility Worker)	0-1 Foot (Groundskeeper)	1-6 Feet (Utility Worker)
20s Complex	1.2×10^{-6}	2.8×10^{-7}	0.0034	0.0008
30s Complex	2.7×10^{-6}	7.8×10^{-7}	0.0033	0.0017
40s Complex	2.6×10^{-6}	2.8×10^{-7}	0.0037	0.0008

As discussed in AMEC's report in Appendix C, there are no EPA-prescribed toxicity values for lead. Hence, in accordance with EPA guidance, lead was evaluated through a very conservative modeling procedure, which assumes that a pregnant woman is exposed at the site, predicts the blood lead level in her fetus, and then compares that level to an acceptable blood lead level specified by EPA of 10 µg/dl for a child (including a fetus). As discussed in Appendix C, this model will overpredict blood lead levels at these RAAs since its default exposure frequencies are much greater than those assumed by EPA in evaluating the commercial/industrial groundskeeper and utility worker scenarios for this Site. Nevertheless, as a conservative approach, this model was applied to the highest average soil concentration of lead found at these RAAs (274 ppm for surface soil at the 40s Complex). As shown in Appendix C, the results show a predicted fetal blood lead concentration below EPA's benchmark level for children, thus indicating that lead levels in soil at the 20s, 30s, and 40s Complexes do not present a hazard.

Finally, it should be noted that EPA's PCB risk evaluation in Attachment A to Appendix D to the CD does not contain any exposure scenario or calculations for the 0- to 15-foot depth increment. Accordingly, there is no applicable risk evaluation scenario for that depth increment. Instead, since the applicable PCB Performance Standard for that depth increment (100 ppm) is the MCP Upper Concentration Limit (UCL) for PCBs in soil, the average concentration of each of retained non-PCB constituents for the 0- to 15-foot depth increment at each RAA has been compared to the UCL for such constituent. These comparisons are shown in Tables 4-20 through

4-22. As indicated in these tables, all average concentrations of the retained constituents for the 0- to 15-foot depth increment at these RAAs are far below the applicable UCLs.

In summary, based on the results of the risk evaluations described above, it appears at this time that no response actions are necessary at the 20s, 30s, or 40s Complexes to address the non-PCB Appendix IX+3 constituents. However, as noted above and described further in Section 5.2 below, a supplemental soil sampling effort will be conducted for specific constituents for which one-half the detection limit exceeded the Screening PRGs. In the event that this sampling (or any follow-up sampling) shows any constituents with detected concentrations exceeding those PRGs, the Appendix IX+3 evaluations will be revised to include such constituents, as discussed further in Section 5.3 below.

5. Future Activities

5.1 General

Based on the results of the PCB and Appendix IX+3 soil evaluations presented in this Work Plan, as well as the requirements established in the SOW concerning the contents of the Final RD/RA Work Plan, this section describes the activities that GE will perform following submittal of this Work Plan.

5.2 Supplemental Soil Investigation

As discussed in Section 4.3.2, there are a number of sample results for certain VOCs and SVOCs in which the constituents were not detected but which had elevated detection limits such that one-half the detection limit exceeded the Screening PRG. These constituents are listed in Tables 4-4 through 4-6 (excluding the constituents that were evaluated in Section 4.3.6 even with the elevated detection limits). Based on several factors described in Section 4.3.2, GE does not believe that these specific constituents will dictate the need for response actions for soils within the 20s, 30s, and 40s Complexes. However, to further assess whether and to what extent lower analytical reporting limits can be achieved by the analytical laboratory, and to support subsequent any further evaluations regarding these constituents, GE will conduct a limited supplemental soil sampling effort. .

This supplemental investigation will involve the collection of nine soil samples from nine different locations within the 20s, 30s, and 40s Complexes, as illustrated on Figures 5-1, 5-2, and 5-3 and noted in Table 5-1. In selecting these sampling locations, GE sought to identify one sample from each depth increment within the 20s, 30s, and 40s Complexes where the previous sampling results generally exhibited the highest detection limits from among the non-detect sample results. To further enhance the horizontal and vertical distribution of these sampling locations, the soil samples within each RAA (three samples, corresponding to the 0- to 1-, 1- to 6-, and 6- to 15-foot depth increments) will be collected from different locations. Once collected, these samples will be submitted to the analytical laboratory for analysis of the specific VOCs and SVOCs identified for each sample in Table 5-1. The laboratory will be instructed to use the PQLs specified for these constituents in Table 3 of the FSP/QAPP to the extent feasible (or even lower detection limits if possible).

5.3 Evaluation of Supplemental Soil Sampling Data

Once the supplemental soil investigation described above is completed, GE will provide an Addendum to this Work Plan presenting the investigation results and a proposed course of action concerning these constituents. There are several potential outcomes that could result from this supplemental investigation. If the analytical results indicate that, for some constituents, it is possible to achieve lower reporting limits than those previously achieved, so as to allow comparison to the PRGs, the future activities will depend on the results. For example, if those results are still non-detect (or below the applicable PRGs), GE may either: (a) propose to eliminate those constituents from further evaluation; or (b) propose to conduct additional sampling for those constituents at additional locations, using the lower reporting limits, so as to allow a more comprehensive comparison to the PRGs. If the results indicate detected concentrations of any constituents in excess of the PRGs, GE may either: (a) revise the Appendix IX+3 evaluations presented above to include those constituents; or (b) conduct additional sampling for those constituents at additional locations, using the lower reporting limits, so as to obtain additional data to support a revision of the Appendix IX+3 evaluations. On the other hand, if the results indicate that, for some constituents, it is not possible to achieve significantly lower detection or reporting limits, and the results are still non-detect, GE may propose to eliminate those constituents from further consideration, on the ground that the constituents were not detected using the lowest analytical detection limits that can feasibly be achieved in the circumstances. Other outcomes or combinations of outcomes are also possible.

In the event that the supplemental soil sampling results and evaluations presented in the Addendum indicate that these constituents can be eliminated from consideration, then the Appendix IX+3 evaluations described above will not need to be revised. In that case, there will be no need for any response actions at the 20s, 30s, and 40s Complexes, and hence a Final RD/RA Work Plan will not be necessary. In the event that the supplemental soil sampling results and evaluations presented in the Addendum indicate a need for further sampling or evaluation of particular constituents, the Addendum will propose such activities and a schedule for them, including a schedule for submission of a Second Addendum to present the results. If warranted, that Second Addendum would include a revised evaluation of the Appendix IX+3 constituents; and if that revised evaluation indicates a need for response actions to address certain Appendix IX+3 constituents at one or more of these RAAs, the Second Addendum would describe the scope of such response actions, and GE would proceed to develop a Final RD/RA Work Plan for such RAA(s), as discussed below.

5.4 Future Design Activities (If Necessary)

In the event that revised Appendix IX+3 evaluations (if necessary) indicate a need for response actions at the 20s, 30s, and/or 40s Complexes, GE will perform several remaining design-related activities as part of the preparation of a Final RD/RA Work Plan. These items are briefly described below.

Applicable or Relevant and Appropriate Requirements (ARARs)

If any response actions for soils are necessary for the 20s, 30s, and/or 40s Complexes, such response actions will be subject to ARARs. Attachment B to the SOW identifies several chemical-, action-, and location-specific ARARs for the Removal Actions Outside the River. In the Final RD/RA Work Plan (if one is necessary), the specific ARARs that will be applicable to the Removal Action(s) for the 20s, 30s, and/or 40s Complexes will be identified, and provisions to ensure that they are met will be included as necessary in the technical design and implementation planning.

Technical Plans and Specifications

Based on the evaluations presented herein, no response actions are necessary to achieve the PCB-related Performance Standards. However, if response actions are determined to be necessary for non-PCB constituents, the scope of such response actions may include soil excavation and backfill placement, enhancements to existing paved areas, and/or the installation of an engineered barrier. In that event, GE will proceed to develop the appropriate technical plans and specifications for the required response actions.

Implementation Planning

In December 2000 and January 2000, GE provided to the EPA several components of the Project Operations Plan (POP), which was required by Attachment C of the SOW. Subsequently, following discussions with EPA, an addendum to the POP was provided to EPA on October 19, 2001, and verbally approved by EPA on November 7, 2001. The POP contains a series of plans that address several common aspects of the Removal Actions and apply to various activities to be conducted as part of those Removal Actions, ranging from initial pre-design activities to the performance and completion of remediation activities. Collectively, these plans describe the minimum requirements, general activities, protocols, and methodologies that are applicable to the Removal Actions. While the contents of the POP provide information and details sufficient to support various

aspects of the response actions, there are several instances where the information presented in the POP is general and requires more site-specific information. Several such items are listed below and would be incorporated in the final technical design or otherwise addressed in the Final RD/RA Work Plan as appropriate (if such a Work Plan is necessary):

- Contractor Health and Safety Plan;
- Contractor Contingency and Emergency Procedures Plan;
- Identification of backfill material and soil cover sources, and incorporation of chemical and geotechnical data into technical design as appropriate;
- Locations and scope of ambient air monitoring activities;
- Evaluation of materials subject to disposition, in accordance with the Waste Characterization Plan; and
- Organizations, roles, and responsibilities involved in construction quality assurance.

5.5 Contents of Final RD/RA Work Plan (If Necessary)

If it is determined that response actions are necessary at the 20s, 30s, and/or 40s Complexes, GE will develop a Final RD/RA Work Plan for such response actions. That Work Plan will include a detailed description regarding design and implementation of the proposed response action activities, and will also include the other information required by Section 3.4 of the SOW.

6. Proposed Schedule

GE will conduct the supplemental soil investigation described in Section 5.2 of this Work Plan and submit an Addendum to the Conceptual RD/RA Work Plan presenting the results of that investigation by March 1, 2001, assuming no significant delays to field activities due to winter weather conditions. If such delays occur, GE will propose a revised timetable for submission of the Addendum.

There are several possible outcomes related to the results of supplemental soil investigation, as described in Section 5.3. The Addendum will discuss the outcome(s) that GE believes are appropriate for the Appendix IX+3 constituents in question, and if additional sampling and/or evaluations are deemed warranted for particular constituents, it will include a proposal for such additional sampling and/or evaluations and a schedule for implementation of those activities and future submittals presenting the results (e.g., a Second Addendum).

Tables

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TABLE 2-1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR PCBs

(Results in ppm dry weight)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
20s Complex						
95-10	0-1	12/11/00	ND(0.23)	ND(0.23)	2.0	2.0
95-11	0-1	3/13/01	ND(0.51) [ND(0.48)]	ND(0.51) [ND(0.48)]	**12 J [5.2 J]**	**12 J [5.2 J]**
95-23	0-1	3/13/01	ND(0.049)	**0.12 J**	0.22	**0.34 J**
213S	1-6	1/11/01	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
	6-15	1/11/01	ND(0.041)	ND(0.041)	0.44	0.44
PEDA-25-SB-1	0-1	2/20/01	ND(0.045)	0.63	2.0	2.63
	1-6	2/20/01	ND(0.046)	ND(0.046)	0.025 J	0.025 J
	6-15	2/20/01	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
PEDA-29-B-SB-1	0-1	2/22/01	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	1-6	2/22/01	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	6-15	2/22/01	ND(0.074)	ND(0.074)	ND(0.074)	ND(0.074)
RAA3-1	0-1	1/9/01	ND(3.0)	ND(3.0)	91	91
	1-6	1/9/01	ND(0.45)	**1.2 J [ND(0.44) J]**	**2.5 J [7.1 J]**	**3.7 J [7.1 J]**
	6-13	1/9/01	ND(0.041)	ND(0.041)	0.084	0.084
RAA3-2	0-1	1/4/01	ND(0.45)	ND(0.45)	11	11
	1-1.8	1/4/01	ND(0.044)	1.1	1.0	2.1
RAA3-3	0-1	1/2/01	ND(0.039)	ND(0.039)	0.022 J	0.022 J
	1-6	1/2/01	ND(0.048)	0.17	0.28	0.45
	6-15	1/2/01	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
RAA3-4	0-1	1/9/01	ND(0.60)	ND(0.60)	8.7	8.7
	1-6	1/9/01	ND(22)	ND(22)	220	220
	6-15	1/9/01	ND(4.0)	ND(4.0)	78	78
RAA3-5	0-1	12/13/00	ND(0.042)	ND(0.042)	0.18	0.18
	1-6	12/13/00	ND(4.4) [ND(4.3)]	ND(4.4) [ND(4.3)]	160 [180]	160 [180]
	6-15	12/13/00	ND(0.040)	ND(0.040)	0.86	0.86
RAA3-6	0-1	12/15/00	ND(0.22)	3.4	3.0	6.4
	1-6	12/15/00	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	12/15/00	ND(0.045)	ND(0.045)	0.023 J	0.023 J
RAA3-7	0-1	1/10/01	ND(0.044)	0.087	0.10	0.187
	1-6	1/10/01	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	1/10/01	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)
RAA3-8	0-1	1/10/01	ND(0.045)	0.058	ND(0.045)	0.058
	1-5.3	1/10/01	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA3-16	0-1	12/29/00	ND(0.051)	ND(0.051)	0.51	0.51
	1-3	12/29/00	ND(0.22)	ND(0.22)	2.6	2.6
RAA3-17	0-1	12/29/00	ND(0.060)	ND(0.060)	0.069	0.069
	1-6	12/29/00	ND(0.23)	ND(0.23)	9.0	9.0
	6-15	12/29/00	ND(1.0)	ND(1.0)	12	12
RAA3-18	0-1	12/12/00	ND(0.24)	ND(0.24)	3.3	3.3
	1-6	12/12/00	ND(0.41)	ND(0.41)	17	17
	6-15	12/12/00	ND(0.40)	ND(0.40)	7.2	7.2
RAA3-19	0-1	12/15/00	ND(0.042)	0.35	0.45	0.80
	1-6	12/15/00	ND(0.039)	0.027 J	0.029 J	0.056 J
	6-15	12/15/00	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA3-20	0-1	12/15/00	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
	1-6	12/15/00	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)
	6-9	12/15/00	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
RAA3-23	0-1	12/26/00	ND(0.050)	ND(0.050)	0.18	0.18
	1-4	12/26/00	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
RAA3-24	0-1	12/13/00	ND(0.041)	ND(0.041)	1.5	1.5
	1-6	12/13/00	ND(0.41)	ND(0.41)	14	14
	6-15	12/13/00	ND(0.42)	ND(0.42)	13	13
RAA3-25	0-1	12/13/00	ND(0.050)	ND(0.050)	0.38	0.38
	1-3	12/13/00	ND(2.1)	ND(2.1)	26	26
RAA3-26	0-1	12/26/00	ND(0.89)	ND(0.89)	1.9	1.9
	1-3.8	12/26/00	ND(4.1)	ND(4.1)	84	84
RAA3-27	0-1	12/12/00	ND(0.052)	ND(0.052)	0.45	0.45
	1-6	12/12/00	ND(0.46)	3.7	8.2	11.9
	6-15	12/12/00	ND(40) [ND(20)]	ND(40) [ND(20)]	450 [520]	450 [520]

TABLE 2-1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR PCBs

(Results in ppm dry weight)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA3-28	0-1	12/12/00	ND(0.47)	6.2	14	20.2
	1-6	12/12/00	ND(0.041)	ND(0.041)	0.094	0.094
	6-15	12/12/00	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA3-29	0-1	12/8/00	ND(0.047)	ND(0.047)	0.18	0.18
	1-6	12/8/00	ND(0.041)	ND(0.041)	0.11	0.11
RAA3-30	0-1	1/11/01	ND(0.047)	ND(0.047)	1.0	1.0
	1-6	1/11/01	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	6-15	1/11/01	ND(0.043) [ND(0.042)]	ND(0.043) [ND(0.042)]	0.66 [0.66]	0.66 [0.66]
RAA3-31	1-6	12/11/00	ND(0.20)	1.7	2.2	3.9
RAA3-32	0-1	12/12/00	ND(4.2)	ND(4.2)	57	57
	1-6	12/12/00	ND(0.86)	ND(0.86)	16	16
	6-15	12/12/00	ND(0.044)	ND(0.044)	0.029 J	0.029 J
RAA3-33	0-1	12/15/00	ND(0.98)	ND(0.98)	23	23
	1-6	12/15/00	ND(4.0)	ND(4.0)	90	90
	6-15	12/15/00	ND(0.81) [ND(0.77)]	ND(0.81) [ND(0.77)]	22 [27]	22 [27]
30s Complex						
95-15	0-1	1/2/01	ND(0.047)	0.71	1.3	2.01
	6-15	1/2/01	ND(0.52) [ND(0.34)]	**10 J [4.4 J]**	**11 J [4.9 J]**	**21 J [9.3 J]**
95-16	0-1	12/4/00	ND(4.5)	13	20	33
212S	1-6	12/1/00	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	6-15	12/1/00	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
PEDA-33-A-SB-1	0-1	2/22/01	ND(0.046)	0.28	0.72	1.0
	1-6	2/22/01	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	6-15	2/22/01	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
PEDA-33-SB-1	0-1	2/21/01	ND(0.044)	0.080	0.10	0.18
	1-6	2/21/01	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-15	2/21/01	ND(0.042)	ND(0.042)	0.080	0.080
PEDA-33-SB-2	0-1	2/21/01	ND(0.064)	ND(0.064)	0.032 J	0.032 J
	1-6	2/21/01	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-15	2/21/01	ND(0.42)	ND(0.42)	11	11
PEDA-33-SB-3	0-1	2/28/01	ND(0.042)	0.042 J	0.045	0.087
	1-6	2/28/01	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	6-15	2/28/01	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
PEDA-33-X-SB-1	0-1	2/22/01	ND(0.044)	0.12	0.35	0.47
	1-6	2/22/01	ND(0.040)	ND(0.040)	0.075	0.075
	6-15	2/22/01	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
PEDA-34-SB-1	0-1	2/22/01	ND(0.039)	0.079	ND(0.039)	0.079
	1-3	2/22/01	ND(0.040)	0.74	0.36	1.1
RAA2-1	0-1	11/28/00	ND(4.2)	ND(4.2)	91	91
	1-6	11/28/00	ND(0.045)	ND(0.045)	0.46	0.46
	6-15	11/28/00	ND(0.040)	ND(0.040)	1.5	1.5
RAA2-2	0-1	11/28/00	ND(4.2)	ND(4.2)	100	100
	1-6	11/28/00	ND(0.21)	ND(0.21)	3.0	3.0
	6-15	11/28/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA2-3	0-1	11/27/00	ND(0.044)	ND(0.044)	1.1	1.1
	1-6	11/27/00	ND(0.040) [ND(0.043)]	**0.37 J [0.67 J]**	0.32 [0.53]	**0.69 J [1.2 J]**
	6-11.5	11/27/00	ND(0.043)	0.16	0.063	0.223
RAA2-4	0-1	11/30/00	ND(0.20)	ND(0.20)	1.9	1.9
	1-6	11/30/00	ND(0.042)	0.31	0.48	0.79
	6-15	11/30/00	ND(0.041)	0.039 J	0.020 J	0.059 J
RAA2-5	0-1	11/29/00	ND(0.39)	4.9	2.8	7.7
	1-6	11/29/00	ND(0.042)	0.10	0.11	0.21
	6-15	11/29/00	ND(0.039) [ND(0.041)]	0.031 J [0.070]	0.023 J [0.036 J]	0.054 J [0.106]
RAA2-6	0-1	11/30/00	ND(0.045)	ND(0.045)	1.5	1.5
	1-6	11/30/00	ND(0.043)	0.17	0.062	0.232
	6-15	11/30/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA2-7	0-1	11/30/00	ND(0.23)	ND(0.23)	2.5	2.5
	1-6	11/30/00	ND(0.042)	1.1	0.50	1.6
	6-15	11/30/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)

TABLE 2-1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR PCBs

(Results in ppm dry weight)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA2-8	0-1	11/30/00	ND(0.85)	ND(0.85)	10	10
	1-6	11/30/00	ND(0.41)	4.6	6.9	11.5
	6-15	11/30/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA2-9	0-1	12/5/00	ND(0.40)	5.8	ND(0.40)	5.8
	1-6	12/5/00	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	6-15	12/5/00	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA2-10	0-1	1/4/01	ND(0.052)	ND(0.052)	1.9	1.9
	1-6	1/4/01	ND(0.064)	ND(0.064)	ND(0.064)	ND(0.064)
	6-15	1/4/01	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA2-11	0-1	12/4/00	ND(0.82)	28	ND(0.82)	28
	1-6	12/4/00	ND(0.78)	25	ND(0.78)	25
	6-15	12/4/00	ND(0.26)	3.1	ND(0.26)	3.1
RAA2-12	0-1	12/5/00	ND(0.41)	3.4	6.8	10.2
	1-6	12/5/00	ND(0.21)	4.7	2.2	6.9
	6-15	12/5/00	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA2-13	0-1	11/27/00	ND(0.45)	5.8	10	15.8
	1-6	11/27/00	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-15	11/27/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA2-14	0-1	12/4/00	ND(0.040)	ND(0.040)	0.14	0.14
	1-6	12/4/00	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	6-15	12/4/00	ND(0.97)	ND(0.97)	19	19
RAA2-15	0-1	1/5/01	ND(0.046)	0.064	ND(0.046)	0.064
	1-6	1/5/01	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
	6-9.1	1/5/01	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA2-16	0-1	12/6/00	ND(0.043)	1.2	1.7	2.9
	1-6	12/6/00	ND(0.041)	0.065	0.078	0.143
	6-15	12/6/00	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA2-17	0-1	12/1/00	ND(0.042)	ND(0.042)	0.49	0.49
	1-6	12/1/00	ND(0.042)	ND(0.042)	0.31	0.31
	6-15	12/1/00	ND(2.2)	ND(2.2)	62	62
RAA2-18	0-1	1/3/01	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	1-6	1/3/01	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	6-15	1/3/01	ND(0.042)	ND(0.042)	0.032 J	0.032 J
RAA2-19	0-1	12/6/00	ND(0.20)	4.2	4.2	8.4
	1-6	12/6/00	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	12/6/00	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA2-20	0-1	1/8/01	ND(0.045)	0.24	0.32	0.56
	1-6	1/8/01	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	6-15	1/8/01	ND(0.040)	ND(0.040)	0.025 J	0.025 J
RAA2-21	0-1	12/7/00	ND(0.046)	ND(0.046)	1.4	1.4
	1-6	12/7/00	ND(0.047)	0.40	0.46	0.86
	6-15	12/7/00	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA2-22	1-6	12/28/00	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	6-15	12/28/00	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
RAA2-23	0-1	12/28/00	ND(0.044)	ND(0.044)	0.52	0.52
	1-6	12/28/00	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	6-15	12/28/00	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA2-24	0-1	12/8/00	ND(0.42)	3.4	5.1	8.5
	1-6	12/8/00	ND(0.040)	1.1	1.2	2.3
	6-15	12/8/00	ND(0.045)	ND(0.045)	0.031 J	0.031 J
RAA2-25	0-1	12/8/00	ND(0.039)	0.055	0.019 J	0.074
	1-6	12/8/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-15	12/8/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA2-26	0-1	12/27/00	ND(0.051)	ND(0.051)	0.074	0.074
	1-6	12/27/00	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	6-15	12/27/00	ND(0.048)	ND(0.048)	0.13	0.13
RAA2-27	0-1	12/27/00	ND(0.044)	ND(0.044)	0.029 J	0.029 J
	1-6	12/27/00	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	12/27/00	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
RAA2-28	1-6	12/27/00	ND(0.043) [ND(0.042)]	1.0 [1.1]	ND(0.043) [ND(0.042)]	1.0 [1.1]
	6-15	12/27/00	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)

TABLE 2-1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR PCBs

(Results in ppm dry weight)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA2-29	0-1	12/6/00	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	1-6	12/6/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-15	12/6/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA2-30	0-1	12/1/00	ND(0.040)	0.28	0.24	0.52
	1-6	12/1/00	ND(0.046) [ND(0.045)]	ND(0.046) [ND(0.045)]	ND(0.046) [ND(0.045)]	ND(0.046) [ND(0.045)]
	6-15	12/1/00	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)
RAA2-31	0-1	12/7/00	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	1-6	12/7/00	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
	6-15	12/7/00	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
RAA2-32	0-1	12/1/00	ND(0.048)	0.88	1.5	2.38
	1-6	12/1/00	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	6-15	12/1/00	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
RAA2-33	0-1	12/26/00	ND(0.23) [ND(0.25)]	ND(0.23) [ND(0.25)]	2.8 [2.7]	2.8 [2.7]
	1-6	12/26/00	ND(0.042)	ND(0.042)	0.20	0.20
	6-15	12/26/00	ND(0.22)	ND(0.22)	5.0	5.0
RAA2-34	0-1	11/28/00	ND(0.40)	ND(0.40)	5.5	5.5
	1-6	11/28/00	ND(0.040)	0.029 J	0.055	0.084
	6-15	11/28/00	ND(0.046)	0.76	0.34	1.1
RAA2-35	0-1	11/28/00	ND(0.040)	0.19	0.12	0.31
	1-6	11/28/00	ND(0.040)	0.11	0.045	0.155
	6-10	11/28/00	ND(0.80)	ND(0.80)	7.4	7.4
RAA2-36	0-1	11/29/00	ND(0.42)	4.9	1.5	6.4
	1-6	11/29/00	ND(0.40)	1.2	0.59	1.79
	6-15	11/29/00	ND(0.043)	0.20	0.091	0.291
RAA2-37	0-1	11/30/00	ND(0.040)	**2.1 J**	1.2	**3.3 J**
	1-6	11/30/00	ND(0.040)	0.77	0.35	1.12
	6-15	11/30/00	ND(0.040)	0.18	ND(0.040)	0.18
RAA2-38	0-1	12/5/00	ND(0.44)	5.9	ND(0.44)	5.9
	1-6	12/5/00	ND(0.21)	3.9	ND(0.21)	3.9
	6-15	12/5/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA2-39	0-1	11/27/00	ND(2.3)	66	ND(2.3)	66
	1-6	11/27/00	ND(0.040)	1.1	ND(0.040)	1.1
	6-15	11/27/00	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA2-40	0-1	12/7/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	1-6	12/7/00	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	6-15	12/7/00	ND(0.044)	ND(0.044)	0.086	0.086
RAA2-41	0-1	12/6/00	ND(0.041)	0.50	0.73	1.23
	1-6	12/6/00	ND(0.039) [ND(0.040)]	ND(0.039) [ND(0.040)]	ND(0.039) [ND(0.040)]	ND(0.039) [ND(0.040)]
	6-15	12/6/00	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA2-42	1.4-6	1/8/01	ND(4.3)	ND(4.3)	ND(4.3)	ND(4.3)
	6-15	1/8/01	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
RAA2-43	0-1	12/1/00	ND(0.45)	3.0	3.8	6.8
RAA2-SB-1,SB-2,SB-3	0-1	11/27/00	ND(0.041)	1.2	0.97	2.17
RF-2	0-1	12/4/00	ND(0.042)	0.54	0.56	1.1
RF-16	0-1	1/2/01	ND(0.46)	ND(0.46)	5.9	5.9
	1-6	1/2/01	ND(0.053)	ND(0.053)	1.3	1.3
40s Complex						
95-17	0-1	12/18/00	ND(0.29)	1.4	1.8	3.2
PEDA-42-SB-1	0-1	2/20/01	ND(0.042)	0.18	0.068	0.248
	1-6	2/20/01	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-15	2/20/01	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
PEDA-42-SB2	0-1	2/19/01	ND(0.42)	6.5	1.4	7.9
	1-6	2/19/01	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-15	2/19/01	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
PEDA-42-SB3	0-1	2/19/01	ND(0.20)	2.4	0.80	3.2
	1-6	2/19/01	ND(0.041)	0.020 J	ND(0.041)	0.020 J
	6-10	2/19/01	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
PEDA-43-SB-1	0-1	2/21/01	ND(0.048)	0.71	0.82	1.53
	1-6	2/21/01	ND(0.042)	0.039 J	0.038 J	0.077 J
	6-15	2/21/01	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)

TABLE 2-1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR PCBs

(Results in ppm dry weight)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
PEDA-43-SB-2	0-1	2/21/01	ND(0.043)	0.31	0.12	0.43
	1-6	2/21/01	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	6-15	2/21/01	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
PEDA-44-SB-1	0-1	2/20/01	ND(0.040)	1.1	0.71	1.81
	1-4	2/20/01	ND(0.039) [ND(0.039)]	0.52 [0.56]	0.13 [0.13]	0.65 [0.69]
PEDA-44-SB2	0-1	2/19/01	ND(0.20)	2.7	0.66	3.36
	1-4	2/19/01	ND(0.037)	0.27	ND(0.037)	0.27
RAA1-1	0-1	1/4/01	ND(0.047)	1.1	1.3	2.4
	1-6	1/4/01	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	1/4/01	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA1-2	0-1	12/19/00	ND(0.047)	0.070	0.089	0.159
	1-6	12/19/00	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	6-15	12/19/00	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
RAA1-3	0-1	12/19/00	ND(0.044)	0.058	0.094	0.152
	1-6	12/19/00	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	12/19/00	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
RAA1-4	0-1	1/2/01	ND(0.044)	0.046	0.022 J	0.068
	1-6	1/2/01	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	6-15	1/2/01	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
RAA1-5	1-6	1/4/01	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)
	6-9.8	1/4/01	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
RAA1-6	0-1	1/8/01	ND(0.045)	ND(0.045)	0.071	0.071
	1-6	1/8/01	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	6-15	1/8/01	ND(4.9)	ND(4.9)	ND(4.9)	ND(4.9)
RAA1-7	0-1	12/18/00	ND(0.96)	15	ND(0.96)	15
	1-6	12/18/00	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	6-15	12/18/00	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA1-8	0-1	12/18/00	ND(0.057)	0.11	0.075	0.185
	1-3	12/18/00	ND(0.50)	3.1	2.8	5.9
RAA1-9	0-1	12/21/00	ND(0.046)	ND(0.046)	0.17	0.17
	1-6	12/21/00	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	12/21/00	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA1-10	0-1	12/21/00	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	1-6	12/21/00	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	12/21/00	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA1-11	0-1	1/5/01	ND(0.045) [ND(0.043)]	1.2 [1.5]	ND(0.045) [ND(0.043)]	1.2 [1.5]
	1-4	1/5/01	ND(0.047)	0.26	ND(0.047)	0.26
RAA1-12	0-1	12/19/00	ND(0.30)	2.6	4.2	6.8
	1-6	12/19/00	ND(0.49)	ND(0.49)	ND(0.49)	ND(0.49)
	6-15	12/19/00	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
RAA1-13	0-1	12/21/00	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	1-6	12/21/00	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	12/21/00	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
RAA1-14	0-1	12/18/00	ND(0.48)	11	8.7	19.7
	1-6	12/18/00	ND(0.044)	0.041 J	0.046	0.087
	6-15	12/18/00	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
RAA1-15	0-1	12/29/00	ND(0.042)	0.029 J	0.028 J	0.057 J
	1-6	12/29/00	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	6-15	12/29/00	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
RAA1-16	0-1	1/5/01	ND(0.048)	0.40	ND(0.048)	0.40
	1-6	1/5/01	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	6-15	1/5/01	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA1-17	0-1	12/21/00	ND(0.048)	0.63	0.90	1.53
	1-6	12/21/00	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	6-15	12/21/00	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
RF-4	0-1	12/19/00	ND(0.041)	0.37	0.50	0.87
	6-15	12/19/00	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)

TABLE 2-1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR PCBs

(Results in ppm dry weight)

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of PCBs.
2. Data validation has been performed on data set as per Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved October 17, 2000). For a more comprehensive explanation of qualified sample results please reference Appendix A.
3. Duplicate sample results are presented in brackets.
4. Qualified sample results are presented in bold font.
5. ND - Analyte was not detected. The value in parentheses is the associated detection limit.
6. J - Indicates an estimated value less than the practical quantitation limit (PQL).
7. **J** - The compound or analyte was positively identified, but the associated numerical value is an estimated concentration. This qualifier is used when the data evaluation procedure identifies a deficiency in the data generation process.

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex 95-11 0-1 12/11/00	20s Complex 95-23 0-1 12/11/00	20s Complex PEDA-25-SB-1 1-6 02/20/01	20s Complex PEDA-25-SB-1 4-6 02/20/01	20s Complex PEDA-29-B-SB-1 0-1 02/22/01
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
1,1,1-Trichloroethane	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
1,1,2,2-Tetrachloroethane	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
1,1,2-Trichloroethane	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
1,1-Dichloroethane	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
1,1-Dichloroethene	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
1,2,3-Trichloropropane	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
1,2-Dibromo-3-chloropropane	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
1,2-Dibromoethane	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
1,2-Dichloroethane	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
1,2-Dichloropropane	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
1,4-Dioxane	**ND(0.20) J**	**ND(0.20) J**	NS	**ND(0.20) J [ND(0.20) J]**	**ND(0.20) J**
2-Butanone	ND(0.10)	ND(0.10)	NS	ND(0.10) [ND(0.10)]	ND(0.10)
2-Chloro-1,3-butadiene	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
2-Chloroethylvinylether	**ND(0.0067) J**	**ND(0.0079) J**	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
2-Hexanone	**ND(0.013) J**	**ND(0.016) J**	NS	**ND(0.017) J [ND(0.016) J]**	ND(0.012)
3-Chloropropene	ND(0.013)	ND(0.016)	NS	ND(0.017) [ND(0.016)]	ND(0.012)
4-Methyl-2-pentanone	**ND(0.013) J**	**ND(0.016) J**	NS	**ND(0.017) J [ND(0.016) J]**	ND(0.012)
Acetone	ND(0.10)	ND(0.10)	NS	ND(0.10) [ND(0.10)]	ND(0.10)
Acetonitrile	**ND(0.13) J**	**ND(0.16) J**	NS	ND(0.17) [ND(0.16)]	**ND(0.12) J**
Acrolein	**ND(0.13) J**	**ND(0.16) J**	NS	**ND(0.17) J [ND(0.16) J]**	**ND(0.12) J**
Acrylonitrile	ND(0.013)	ND(0.016)	NS	ND(0.017) [ND(0.016)]	ND(0.012)
Benzene	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
Bromodichloromethane	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
Bromoform	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
Bromomethane	ND(0.013)	ND(0.016)	NS	ND(0.017) [ND(0.016)]	ND(0.012)
Carbon Disulfide	ND(0.010)	ND(0.010)	NS	ND(0.010) [ND(0.010)]	ND(0.010)
Carbon Tetrachloride	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
Chlorobenzene	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
Chloroethane	ND(0.013)	ND(0.016)	NS	ND(0.017) [ND(0.016)]	ND(0.012)
Chloroform	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
Chloromethane	ND(0.013)	ND(0.016)	NS	ND(0.017) [ND(0.016)]	ND(0.012)
cis-1,3-Dichloropropene	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
Dibromochloromethane	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
Dibromomethane	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
Dichlorodifluoromethane	ND(0.013)	ND(0.016)	NS	ND(0.017) [ND(0.016)]	ND(0.012)
Ethyl Methacrylate	ND(0.013)	ND(0.016)	NS	ND(0.017) [ND(0.016)]	ND(0.012)
Ethylbenzene	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
Iodomethane	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
Isobutanol	**ND(0.27) J**	**ND(0.31) J**	NS	**ND(0.34) J [ND(0.32) J]**	**ND(0.24) J**
Methacrylonitrile	ND(0.013)	ND(0.016)	NS	ND(0.017) [ND(0.016)]	ND(0.012)
Methyl Methacrylate	ND(0.013)	ND(0.016)	NS	ND(0.017) [ND(0.016)]	ND(0.012)
Methylene Chloride	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
Propionitrile	**ND(0.067) J**	**ND(0.079) J**	NS	**ND(0.084) J [ND(0.080) J]**	**ND(0.059) J**
Styrene	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
Tetrachloroethene	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
Toluene	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
trans-1,2-Dichloroethene	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
trans-1,3-Dichloropropene	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
trans-1,4-Dichloro-2-butene	ND(0.013)	ND(0.016)	NS	ND(0.017) [ND(0.016)]	ND(0.012)
Trichloroethene	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
Trichlorofluoromethane	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.0080)]	ND(0.0059)
Vinyl Acetate	ND(0.013)	ND(0.016)	NS	ND(0.017) [ND(0.016)]	ND(0.012)
Vinyl Chloride	ND(0.013)	ND(0.016)	NS	ND(0.017) [ND(0.016)]	ND(0.012)
Xylenes (total)	ND(0.0067)	ND(0.0079)	NS	ND(0.0084) [ND(0.016)]	ND(0.012)

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex 95-11 0-1 12/11/00	20s Complex 95-23 0-1 12/11/00	20s Complex PEDA-25-SB-1 1-6 02/20/01	20s Complex PEDA-25-SB-1 4-6 02/20/01	20s Complex PEDA-29-B-SB-1 0-1 02/22/01
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
1,2,4-Trichlorobenzene	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
1,2-Dichlorobenzene	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
1,2-Diphenylhydrazine	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
1,3,5-Trinitrobenzene	ND(0.90)	ND(1.2)	ND(0.93)	NS	ND(0.79)
1,3-Dichlorobenzene	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
1,3-Dinitrobenzene	ND(2.3)	ND(3.1)	ND(2.4)	NS	ND(2.0)
1,4-Dichlorobenzene	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
1,4-Naphthoquinone	ND(2.3)	ND(3.1)	ND(2.4)	NS	ND(2.0)
1-Naphthylamine	ND(2.3)	ND(2.7)	ND(2.4)	NS	ND(2.0)
2,3,4,6-Tetrachlorophenol	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
2,4,5-Trichlorophenol	ND(0.44)	ND(0.63)	**ND(0.46) J**	NS	ND(0.39)
2,4,6-Trichlorophenol	ND(0.44)	ND(0.63)	**ND(0.46) J**	NS	ND(0.39)
2,4-Dichlorophenol	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
2,4-Dimethylphenol	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
2,4-Dinitrophenol	ND(2.3)	ND(2.7)	ND(2.4)	NS	**ND(2.0) J**
2,4-Dinitrotoluene	ND(2.3)	ND(2.7)	R	NS	ND(2.0)
2,6-Dichlorophenol	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
2,6-Dinitrotoluene	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
2-Acetylaminofluorene	**ND(0.90) J**	**ND(1.2) J**	ND(0.93)	NS	ND(0.79)
2-Chloronaphthalene	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
2-Chlorophenol	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
2-Methylnaphthalene	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
2-Methylphenol	ND(0.44)	ND(0.63)	**ND(0.46) J**	NS	ND(0.39)
2-Naphthylamine	ND(2.3)	ND(2.7)	ND(2.4)	NS	ND(2.0)
2-Nitroaniline	ND(2.3)	ND(2.7)	ND(2.4)	NS	ND(2.0)
2-Nitrophenol	ND(0.90)	ND(1.0)	ND(0.93)	NS	ND(0.79)
2-Picoline	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
3&4-Methylphenol	ND(0.90)	ND(1.0)	**ND(0.93) J**	NS	ND(0.79)
3,3'-Dichlorobenzidine	**ND(2.3) J**	ND(2.7)	ND(2.4)	NS	ND(2.0)
3,3'-Dimethylbenzidine	**ND(2.3) J**	ND(3.1)	**ND(2.4) J**	NS	ND(2.0)
3-Methylcholanthrene	R	ND(1.0)	**ND(0.93) J**	NS	ND(0.79)
3-Nitroaniline	ND(2.3)	ND(2.7)	ND(2.4)	NS	ND(2.0)
4,6-Dinitro-2-methylphenol	ND(0.44)	ND(0.63)	ND(0.46)	NS	**ND(0.39) J**
4-Aminobiphenyl	ND(0.90)	ND(1.2)	ND(0.93)	NS	ND(0.79)
4-Bromophenyl-phenylether	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
4-Chloro-3-Methylphenol	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
4-Chloroaniline	ND(0.90)	ND(1.0)	ND(0.93)	NS	ND(0.79)
4-Chlorobenzilate	ND(2.3)	ND(3.1)	ND(2.4)	NS	ND(2.0)
4-Chlorophenyl-phenylether	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
4-Nitroaniline	ND(2.3)	ND(2.7)	ND(2.4)	NS	ND(2.0)
4-Nitrophenol	ND(2.3)	ND(2.7)	ND(2.4)	NS	ND(2.0)
4-Nitroquinoline-1-oxide	**ND(0.90) J**	**ND(3.1) J**	ND(2.4)	NS	**ND(2.0) J**
4-Phenylenediamine	ND(2.3)	ND(3.1)	**ND(2.4) J**	NS	**ND(2.0) J**
5-Nitro-o-toluidine	ND(2.3)	ND(3.1)	ND(2.4)	NS	ND(2.0)
7,12-Dimethylbenz(a)anthracene	R	ND(1.0)	ND(0.93)	NS	ND(0.79)
a,a'-Dimethylphenethylamine	ND(2.3)	ND(3.1)	ND(2.4)	NS	ND(2.0)
Acenaphthene	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
Acenaphthylene	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
Acetophenone	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
Aniline	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
Anthracene	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
Aramite	**ND(0.90) J**	ND(1.2)	**ND(0.93) J**	NS	**ND(0.79) J**
Benzidine	**ND(0.90) J**	**ND(1.0) J**	**ND(0.93) J**	NS	**ND(0.79) J**
Benzo(a)anthracene	**ND(0.44) J**	0.72	ND(0.46)	NS	ND(0.39)
Benzo(a)pyrene	R	0.68	ND(0.46)	NS	ND(0.39)
Benzo(b)fluoranthene	R	ND(0.63)	ND(0.46)	NS	ND(0.39)
Benzo(g,h,i)perylene	R	**ND(0.63) J**	ND(0.46)	NS	ND(0.39)
Benzo(k)fluoranthene	R	ND(0.63)	ND(0.46)	NS	ND(0.39)

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex 95-11 0-1 12/11/00	20s Complex 95-23 0-1 12/11/00	20s Complex PEDA-25-SB-1 1-6 02/20/01	20s Complex PEDA-25-SB-1 4-6 02/20/01	20s Complex PEDA-29-B-SB-1 0-1 02/22/01
Semivolatile Organics (continued)					
Benzyl Alcohol	ND(0.90)	ND(1.0)	ND(0.93)	NS	ND(0.79)
bis(2-Chloroethoxy)methane	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
bis(2-Chloroethyl)ether	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
bis(2-Chloroisopropyl)ether	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
bis(2-Ethylhexyl)phthalate	**ND(0.44) J**	**ND(0.63) J**	ND(0.46)	NS	ND(0.39)
Butylbenzylphthalate	**ND(0.90) J**	ND(1.0)	ND(0.93)	NS	14
Chrysene	**ND(0.44) J**	0.72	ND(0.46)	NS	ND(0.39)
Diallate	ND(0.90)	ND(1.0)	ND(0.93)	NS	**ND(0.79) J**
Dibenzo(a,h)anthracene	R	ND(1.0)	ND(0.93)	NS	ND(0.79)
Dibenzofuran	**ND(2.3) J**	**ND(0.63) J**	ND(0.46)	NS	ND(0.39)
Diethylphthalate	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
Dimethylphthalate	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
Di-n-Butylphthalate	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
Di-n-Octylphthalate	R	ND(0.63)	ND(0.46)	NS	ND(0.39)
Diphenylamine	ND(0.44)	ND(0.63)	ND(0.46)	NS	**ND(0.39) J**
Ethyl Methanesulfonate	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
Fluoranthene	0.64	1.5	ND(0.46)	NS	0.097 J
Fluorene	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
Hexachlorobenzene	ND(0.44)	ND(0.63)	**ND(0.46) J**	NS	ND(0.39)
Hexachlorobutadiene	ND(0.90)	ND(1.0)	**ND(0.93) J**	NS	ND(0.79)
Hexachlorocyclopentadiene	**ND(0.90) J**	**ND(0.63) J**	ND(0.46)	NS	ND(0.39)
Hexachloroethane	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
Hexachlorophene	R	**ND(1.2) J**	**ND(0.93) J**	NS	**ND(0.79) J**
Hexachloropropene	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
Indeno(1,2,3-cd)pyrene	R	ND(1.0)	ND(0.93)	NS	ND(0.79)
Isodrin	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
Isophorone	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
Isosafrole	ND(0.90)	ND(1.0)	ND(0.93)	NS	ND(0.79)
Methapyrilene	ND(2.3)	ND(3.1)	**ND(2.4) J**	NS	**ND(2.0) J**
Methyl Methanesulfonate	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
Naphthalene	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
Nitrobenzene	ND(0.44)	ND(0.63)	**ND(0.46) J**	NS	ND(0.39)
N-Nitrosodiethylamine	ND(0.44)	ND(0.63)	**ND(0.46) J**	NS	ND(0.39)
N-Nitrosodimethylamine	**ND(0.90) J**	**ND(1.0) J**	ND(2.3)	NS	ND(1.9)
N-Nitroso-di-n-butylamine	ND(0.90)	ND(1.0)	ND(0.93)	NS	**ND(0.79) J**
N-Nitroso-di-n-propylamine	ND(0.90)	ND(1.0)	ND(0.93)	NS	ND(0.79)
N-Nitrosodiphenylamine	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
N-Nitrosomethylethylamine	ND(0.90)	ND(1.2)	ND(0.93)	NS	ND(0.79)
N-Nitrosomorpholine	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
N-Nitrosopiperidine	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
N-Nitrosopyrrolidine	ND(0.90)	ND(1.0)	ND(0.93)	NS	**ND(0.79) J**
o,o,o-Triethylphosphorothioate	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
o-Toluidine	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
p-Dimethylaminoazobenzene	ND(2.3)	ND(3.1)	**ND(2.4) J**	NS	ND(2.0)
Pentachlorobenzene	ND(0.44)	ND(0.63)	ND(0.46)	NS	**ND(0.39) J**
Pentachloroethane	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
Pentachloronitrobenzene	**ND(0.44) J**	**ND(3.1) J**	**ND(2.4) J**	NS	ND(2.0)
Pentachlorophenol	ND(2.3)	ND(2.7)	**ND(2.4) J**	NS	ND(2.0)
Phenacetin	ND(2.3)	ND(3.1)	**ND(2.4) J**	NS	ND(2.0)
Phenanthrene	ND(0.44)	1.4	ND(0.46)	NS	ND(0.39)
Phenol	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
Pronamide	ND(0.44)	ND(0.63)	ND(0.46)	NS	**ND(0.39) J**
Pyrene	**0.61 J**	1.5	ND(0.46)	NS	0.14 J
Pyridine	ND(0.44)	ND(0.63)	**ND(0.46) J**	NS	ND(0.39)
Safrole	ND(0.44)	ND(0.63)	ND(0.46)	NS	ND(0.39)
Thionazin	ND(0.44)	ND(0.63)	ND(0.46)	NS	**ND(0.39) J**

TABLE 2-2

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(Results in ppm dry weight)

Removal Action Area: Sample ID: Sample Depth(Feet): Parameter Date Collected:	20s Complex 95-11 0-1 12/11/00	20s Complex 95-23 0-1 12/11/00	20s Complex PEDA-25-SB-1 1-6 02/20/01	20s Complex PEDA-25-SB-1 4-6 02/20/01	20s Complex PEDA-29-B-SB-1 0-1 02/22/01
Furans					
2,3,7,8-TCDF	0.0000036	0.0000015	ND(0.000000091)	NS	0.00000020 J
TCDFs (total)	0.000016	0.000012	ND(0.000000091)	NS	0.0000015
1,2,3,7,8-PeCDF	0.0000013	0.0000020 I	ND(0.000000054)	NS	0.000000093 w
2,3,4,7,8-PeCDF	0.0000012	ND(0.00000031)	ND(0.000000053)	NS	0.00000022 J
PeCDFs (total)	0.000025	0.000044	ND(0.000000053)	NS	0.0000016
1,2,3,4,7,8-HxCDF	0.000020 I	0.000081 I	**ND(0.000000080)**	NS	0.00000012 w
1,2,3,6,7,8-HxCDF	ND(0.00000068)	ND(0.0000010)	**ND(0.000000091)**	NS	0.00000012 J
1,2,3,7,8,9-HxCDF	ND(0.00000094)	ND(0.0000014)	ND(0.000000097)	NS	ND(0.000000051)
2,3,4,6,7,8-HxCDF	ND(0.00000071)	ND(0.0000010)	ND(0.000000088)	NS	0.00000014 J
HxCDFs (total)	0.000027	0.000074	**ND(0.00000028)**	NS	0.0000019
1,2,3,4,6,7,8-HpCDF	0.0000062	0.0000097	0.00000013 w	NS	0.00000054 J
1,2,3,4,7,8,9-HpCDF	0.0000012	0.00000090 w	ND(0.000000082)	NS	ND(0.000000059)
HpCDFs (total)	0.0000074	0.0000097	ND(0.000000074)	NS	0.0000017
OCDF	**ND(0.000020)**	**ND(0.000013)**	0.00000012 Jw	NS	0.0000014 J
Total Furans	0.000075	0.00014	0.00000012	NS	0.0000081
Dioxins					
2,3,7,8-TCDD	ND(0.00000011)	ND(0.00000011)	ND(0.00000016)	NS	ND(0.000000085)
TCDDs (total)	ND(0.00000011)	ND(0.00000011)	ND(0.00000035)	NS	ND(0.00000030)
1,2,3,7,8-PeCDD	ND(0.0000012)	ND(0.00000063)	ND(0.00000010)	NS	ND(0.000000062)
PeCDDs (total)	ND(0.0000012)	ND(0.00000063)	ND(0.00000048)	NS	ND(0.00000041)
1,2,3,4,7,8-HxCDD	ND(0.00000087)	ND(0.00000046)	ND(0.00000013)	NS	ND(0.000000069)
1,2,3,6,7,8-HxCDD	ND(0.00000070)	ND(0.00000037)	ND(0.00000013)	NS	0.00000015 J
1,2,3,7,8,9-HxCDD	ND(0.00000074)	ND(0.00000039)	ND(0.00000012)	NS	0.00000011 J
HxCDDs (total)	ND(0.00000070)	ND(0.00000037)	ND(0.00000045)	NS	0.00000073
1,2,3,4,6,7,8-HpCDD	0.0000055	0.0000090	**ND(0.00000031)**	NS	**ND(0.0000020)**
HpCDDs (total)	0.0000095	0.000017	ND(0.00000015)	NS	0.0000038
OCDD	0.000053 B	0.000060 B	**ND(0.0000013)**	NS	0.000015
Total Dioxins	0.000063	0.000077	ND(0.0000013)	NS	0.000020
WHO TEF	0.0000040	0.0000092	0.00000019	NS	0.00000030
Inorganics					
Antimony	ND(12.0)	ND(14.0)	ND(12.0)	NS	ND(11.0)
Arsenic	ND(20.0)	ND(24.0)	ND(21.0)	NS	ND(15.0)
Barium	230	57.0	ND(42.0)	NS	ND(30.0)
Beryllium	0.300	0.400	0.300	NS	ND(0.180)
Cadmium	ND(2.00)	ND(2.40)	ND(2.10)	NS	ND(1.80)
Chromium	16.0	12.0	**6.00 J**	NS	5.00
Cobalt	13.0	13.0	37.0	NS	96.0
Copper	310	32.0	ND(21.0)	NS	ND(18.0)
Cyanide	ND(1.00)	ND(1.00)	ND(1.00)	NS	ND(1.00)
Lead	64.0	54.0	6.30	NS	5.40
Mercury	0.560	ND(0.310)	ND(0.200)	NS	ND(0.200)
Nickel	27.0	18.0	14.0	NS	17.0
Selenium	ND(1.00)	ND(1.20)	**ND(1.00) J**	NS	ND(0.880)
Silver	ND(1.00)	ND(1.20)	ND(1.00)	NS	ND(0.880)
Sulfide	ND(6.70)	ND(7.90)	8.80	NS	ND(5.90)
Thallium	**ND(2.2) J**	**ND(2.0) J**	ND(2.10)	NS	ND(1.80)
Tin	ND(60.0)	ND(71.0)	ND(62.0)	NS	ND(53.0)
Vanadium	11.0	13.0	ND(10.0)	NS	ND(8.80)
Zinc	170	87.0	**39.0 J**	NS	33.0

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-1 6-13 01/09/01	20s Complex RAA3-1 8-10 01/09/01	20s Complex RAA3-2 0-1 01/04/01	20s Complex RAA3-3 1-2 01/02/01	20s Complex RAA3-3 1-6 01/02/01	20s Complex RAA3-4 0-1 01/09/01
Volatile Organics						
1,1,1,2-Tetrachloroethane	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
1,1,1-Trichloroethane	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
1,1,2,2-Tetrachloroethane	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
1,1,2-Trichloroethane	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
1,1-Dichloroethane	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
1,1-Dichloroethene	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
1,2,3-Trichloropropane	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
1,2-Dibromo-3-chloropropane	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
1,2-Dibromoethane	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
1,2-Dichloroethane	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
1,2-Dichloropropane	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
1,4-Dioxane	NS	**ND(0.20) J**	**ND(0.20) J**	**ND(0.20) J**	NS	**ND(0.20) J**
2-Butanone	NS	ND(0.10)	ND(0.10)	ND(0.10)	NS	ND(0.10)
2-Chloro-1,3-butadiene	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
2-Chloroethylvinylether	NS	**ND(0.0066) J**	**ND(0.0067) J**	**ND(0.0078) J**	NS	**ND(0.0090) J**
2-Hexanone	NS	**ND(0.013) J**	ND(0.013)	ND(0.016)	NS	**ND(0.018) J**
3-Chloropropene	NS	ND(0.013)	ND(0.013)	ND(0.016)	NS	ND(0.018)
4-Methyl-2-pentanone	NS	**ND(0.013) J**	**ND(0.013) J**	ND(0.016)	NS	**ND(0.018) J**
Acetone	NS	ND(0.10)	ND(0.10)	ND(0.10)	NS	ND(0.10)
Acetonitrile	NS	ND(0.13)	ND(0.13)	ND(0.16)	NS	ND(0.18)
Acrolein	NS	**ND(0.13) J**	**ND(0.13) J**	**ND(0.16) J**	NS	**ND(0.18) J**
Acrylonitrile	NS	ND(0.013)	ND(0.013)	ND(0.016)	NS	ND(0.018)
Benzene	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
Bromodichloromethane	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
Bromoform	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
Bromomethane	NS	ND(0.013)	ND(0.013)	ND(0.016)	NS	ND(0.018)
Carbon Disulfide	NS	ND(0.010)	ND(0.010)	ND(0.010)	NS	ND(0.010)
Carbon Tetrachloride	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
Chlorobenzene	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
Chloroethane	NS	ND(0.013)	ND(0.013)	ND(0.016)	NS	ND(0.018)
Chloroform	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
Chloromethane	NS	ND(0.013)	ND(0.013)	ND(0.016)	NS	ND(0.018)
cis-1,3-Dichloropropene	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
Dibromochloromethane	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
Dibromomethane	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
Dichlorodifluoromethane	NS	ND(0.013)	ND(0.013)	ND(0.016)	NS	ND(0.018)
Ethyl Methacrylate	NS	ND(0.013)	ND(0.013)	ND(0.016)	NS	ND(0.018)
Ethylbenzene	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
Iodomethane	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
Isobutanol	NS	**ND(0.26) J**	**ND(0.27) J**	**ND(0.31) J**	NS	**ND(0.36) J**
Methacrylonitrile	NS	ND(0.013)	ND(0.013)	ND(0.016)	NS	ND(0.018)
Methyl Methacrylate	NS	ND(0.013)	ND(0.013)	ND(0.016)	NS	ND(0.018)
Methylene Chloride	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
Propionitrile	NS	**ND(0.066) J**	**ND(0.067) J**	**ND(0.078) J**	NS	**ND(0.090) J**
Styrene	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
Tetrachloroethene	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
Toluene	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
trans-1,2-Dichloroethene	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
trans-1,3-Dichloropropene	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
trans-1,4-Dichloro-2-butene	NS	ND(0.013)	ND(0.013)	ND(0.016)	NS	ND(0.018)
Trichloroethene	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)
Trichlorofluoromethane	NS	ND(0.0066)	**ND(0.0067) J**	ND(0.0078)	NS	ND(0.0090)
Vinyl Acetate	NS	ND(0.013)	ND(0.013)	ND(0.016)	NS	ND(0.018)
Vinyl Chloride	NS	ND(0.013)	ND(0.013)	ND(0.016)	NS	ND(0.018)
Xylenes (total)	NS	ND(0.0066)	ND(0.0067)	ND(0.0078)	NS	ND(0.0090)

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-1 6-13 01/09/01	20s Complex RAA3-1 8-10 01/09/01	20s Complex RAA3-2 0-1 01/04/01	20s Complex RAA3-3 1-2 01/02/01	20s Complex RAA3-3 1-6 01/02/01	20s Complex RAA3-4 0-1 01/09/01
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
1,2,4-Trichlorobenzene	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
1,2-Dichlorobenzene	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
1,2-Diphenylhydrazine	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
1,3,5-Trinitrobenzene	ND(0.82)	NS	**ND(4.5) J**	NS	ND(0.96)	ND(1.2)
1,3-Dichlorobenzene	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
1,3-Dinitrobenzene	ND(2.1)	NS	ND(11)	NS	ND(2.4)	ND(3.0)
1,4-Dichlorobenzene	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
1,4-Naphthoquinone	ND(2.1)	NS	ND(11)	NS	ND(2.4)	ND(3.0)
1-Naphthylamine	ND(2.1)	NS	ND(11)	NS	ND(2.4)	ND(3.0)
2,3,4,6-Tetrachlorophenol	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
2,4,5-Trichlorophenol	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
2,4,6-Trichlorophenol	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
2,4-Dichlorophenol	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
2,4-Dimethylphenol	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
2,4-Dinitrophenol	ND(2.1)	NS	ND(11)	NS	ND(2.4)	ND(3.0)
2,4-Dinitrotoluene	ND(2.1)	NS	ND(11)	NS	ND(2.4)	ND(3.0)
2,6-Dichlorophenol	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
2,6-Dinitrotoluene	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
2-Acetylaminofluorene	**ND(0.82) J**	NS	ND(4.5)	NS	ND(0.96)	ND(1.2)
2-Chloronaphthalene	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
2-Chlorophenol	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
2-Methylnaphthalene	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
2-Methylphenol	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
2-Naphthylamine	ND(2.1)	NS	ND(11)	NS	ND(2.4)	ND(3.0)
2-Nitroaniline	ND(2.1)	NS	ND(11)	NS	ND(2.4)	ND(3.0)
2-Nitrophenol	ND(0.82)	NS	ND(4.5)	NS	ND(0.96)	ND(1.2)
2-Picoline	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
3&4-Methylphenol	ND(0.82)	NS	ND(4.5)	NS	ND(0.96)	ND(1.2)
3,3'-Dichlorobenzidine	ND(2.1)	NS	ND(11)	NS	**ND(2.4) J**	ND(3.0)
3,3'-Dimethylbenzidine	ND(2.1)	NS	ND(11)	NS	**ND(2.4) J**	ND(3.0)
3-Methylcholanthrene	ND(0.82)	NS	ND(4.5)	NS	ND(0.96)	ND(1.2)
3-Nitroaniline	ND(2.1)	NS	ND(11)	NS	ND(2.4)	ND(3.0)
4,6-Dinitro-2-methylphenol	ND(0.41)	NS	ND(2.2)	NS	**ND(0.48) J**	ND(0.60)
4-Aminobiphenyl	ND(0.82)	NS	ND(4.5)	NS	ND(0.96)	ND(1.2)
4-Bromophenyl-phenylether	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
4-Chloro-3-Methylphenol	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
4-Chloroaniline	ND(0.82)	NS	ND(4.5)	NS	ND(0.96)	ND(1.2)
4-Chlorobenzilate	ND(2.1)	NS	ND(11)	NS	ND(2.4)	ND(3.0)
4-Chlorophenyl-phenylether	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
4-Nitroaniline	ND(2.1)	NS	ND(11)	NS	ND(2.4)	ND(3.0)
4-Nitrophenol	ND(2.1)	NS	ND(11)	NS	ND(2.4)	ND(3.0)
4-Nitroquinoline-1-oxide	**ND(2.1) J**	NS	ND(11)	NS	ND(2.4)	**ND(1.2) J**
4-Phenylenediamine	ND(2.1)	NS	ND(11)	NS	ND(2.4)	ND(3.0)
5-Nitro-o-toluidine	ND(2.1)	NS	ND(11)	NS	ND(2.4)	ND(3.0)
7,12-Dimethylbenz(a)anthracene	ND(0.82)	NS	ND(4.5)	NS	ND(0.96)	ND(1.2)
a,a'-Dimethylphenethylamine	ND(2.1)	NS	ND(11)	NS	ND(2.4)	ND(3.0)
Acenaphthene	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Acenaphthylene	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Acetophenone	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Aniline	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Anthracene	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Aramite	**ND(0.82) J**	NS	**ND(4.5) J**	NS	**ND(0.96) J**	**ND(1.2) J**
Benzidine	**ND(0.82) J**	NS	ND(4.5)	NS	**ND(0.96) J**	**ND(1.2) J**
Benzo(a)anthracene	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Benzo(a)pyrene	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Benzo(b)fluoranthene	ND(0.40)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Benzo(g,h,i)perylene	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Benzo(k)fluoranthene	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)

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PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area:	20s Complex	20s Complex	20s Complex	20s Complex	20s Complex	20s Complex
Sample ID:	RAA3-1	RAA3-1	RAA3-2	RAA3-3	RAA3-3	RAA3-4
Sample Depth(Feet):	6-13	8-10	0-1	1-2	1-6	0-1
Parameter Date Collected:	01/09/01	01/09/01	01/04/01	01/02/01	01/02/01	01/09/01
Semivolatile Organics (continued)						
Benzyl Alcohol	ND(0.82)	NS	ND(4.5)	NS	ND(0.96)	ND(1.2)
bis(2-Chloroethoxy)methane	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
bis(2-Chloroethyl)ether	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
bis(2-Chloroisopropyl)ether	ND(0.41)	NS	ND(2.2)	NS	**ND(0.48) J**	ND(0.60)
bis(2-Ethylhexyl)phthalate	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Butylbenzylphthalate	**ND(0.82) J**	NS	ND(4.5)	NS	ND(0.96)	**ND(1.2) J**
Chrysene	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Diallate	ND(0.82)	NS	ND(4.5)	NS	ND(0.96)	ND(1.2)
Dibenzo(a,h)anthracene	ND(0.82)	NS	ND(4.5)	NS	ND(0.96)	ND(1.2)
Dibenzofuran	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Diethylphthalate	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Dimethylphthalate	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Di-n-Butylphthalate	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Di-n-Octylphthalate	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Diphenylamine	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Ethyl Methanesulfonate	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Fluoranthene	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Fluorene	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Hexachlorobenzene	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Hexachlorobutadiene	ND(0.82)	NS	ND(4.5)	NS	ND(0.96)	ND(1.2)
Hexachlorocyclopentadiene	ND(0.41)	NS	**ND(2.2) J**	NS	ND(0.48)	ND(0.60)
Hexachloroethane	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Hexachlorophene	**ND(0.82) J**	NS	**ND(4.5) J**	NS	**ND(0.96) J**	**ND(1.2) J**
Hexachloropropene	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Indeno(1,2,3-cd)pyrene	ND(0.82)	NS	ND(4.5)	NS	ND(0.96)	ND(1.2)
Isodrin	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Isophorone	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Isosafrole	ND(0.82)	NS	ND(4.5)	NS	ND(0.96)	ND(1.2)
Methapyrilene	**ND(2.1) J**	NS	**ND(11) J**	NS	ND(2.4)	**ND(3.0) J**
Methyl Methanesulfonate	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Naphthalene	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Nitrobenzene	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
N-Nitrosodiethylamine	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
N-Nitrosodimethylamine	ND(2.0)	NS	ND(11)	NS	ND(2.4)	ND(3.0)
N-Nitroso-di-n-butylamine	ND(0.82)	NS	**ND(4.5) J**	NS	ND(0.96)	ND(1.2)
N-Nitroso-di-n-propylamine	ND(0.82)	NS	ND(4.5)	NS	**ND(0.96) J**	ND(1.2)
N-Nitrosodiphenylamine	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
N-Nitrosomethylethylamine	ND(0.82)	NS	ND(2.2)	NS	ND(0.96)	ND(1.2)
N-Nitrosomorpholine	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
N-Nitrosopiperidine	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
N-Nitrosopyrrolidine	**ND(0.82) J**	NS	ND(4.5)	NS	**ND(0.96) J**	**ND(1.2) J**
o,o,o-Triethylphosphorothioate	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
o-Toluidine	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
p-Dimethylaminoazobenzene	ND(2.1)	NS	ND(11)	NS	ND(2.4)	ND(3.0)
Pentachlorobenzene	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Pentachloroethane	ND(0.41)	NS	ND(2.2)	NS	**ND(0.48) J**	ND(0.60)
Pentachloronitrobenzene	ND(2.1)	NS	ND(11)	NS	ND(2.4)	ND(3.0)
Pentachlorophenol	ND(2.1)	NS	ND(11)	NS	ND(2.4)	ND(3.0)
Phenacetin	ND(2.1)	NS	ND(11)	NS	ND(2.4)	ND(3.0)
Phenanthrene	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Phenol	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Pronamide	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Pyrene	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Pyridine	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Safrole	ND(0.41)	NS	ND(2.2)	NS	ND(0.48)	ND(0.60)
Thionazin	**ND(0.41) J**	NS	ND(2.2)	NS	ND(0.48)	**ND(0.60) J**

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-1 6-13 01/09/01	20s Complex RAA3-1 8-10 01/09/01	20s Complex RAA3-2 0-1 01/04/01	20s Complex RAA3-3 1-2 01/02/01	20s Complex RAA3-3 1-6 01/02/01	20s Complex RAA3-4 0-1 01/09/01
Furans						
2,3,7,8-TCDF	ND(0.000000060)	NS	0.0000058 w	NS	0.00000086	0.0000024
TCDFs (total)	ND(0.000000060)	NS	0.00013	NS	0.000013	0.000030 I
1,2,3,7,8-PeCDF	ND(0.000000031)	NS	0.0000026	NS	0.00000052 J	0.0000013 J
2,3,4,7,8-PeCDF	**ND(0.000000095)**	NS	0.000025	NS	0.0000018 J	0.0000073
PeCDFs (total)	0.00000051 I	NS	0.00044 I	NS	0.000036 I	0.000070 I
1,2,3,4,7,8-HxCDF	0.00000014 J	NS	0.000010	NS	0.00000088 J	0.0000062
1,2,3,6,7,8-HxCDF	**ND(0.00000018)**	NS	0.0000089	NS	0.0000013 J	0.0000024
1,2,3,7,8,9-HxCDF	ND(0.000000046)	NS	0.0000023	NS	ND(0.00000058)	0.0000011 J
2,3,4,6,7,8-HxCDF	0.00000015 J	NS	0.000032	NS	0.0000045	0.0000068
HxCDFs (total)	0.0000015	NS	0.00041	NS	0.000056	0.000084
1,2,3,4,6,7,8-HpCDF	0.00000030 J	NS	0.000028	NS	0.0000062	0.0000088
1,2,3,4,7,8,9-HpCDF	0.000000090 w	NS	0.0000040	NS	0.00000044 J	0.0000027
HpCDFs (total)	0.00000063	NS	0.000073	NS	0.000015	0.000025
OCDF	0.00000040 J	NS	0.000018	NS	0.0000019 J	0.000015
Total Furans	0.0000030	NS	0.0011	NS	0.00012	0.00022
Dioxins						
2,3,7,8-TCDD	ND(0.000000048)	NS	**ND(0.00000018)**	NS	ND(0.00000070)	ND(0.000000056)
TCDDs (total)	ND(0.00000027)	NS	0.00000071	NS	ND(0.00000032)	ND(0.00000029)
1,2,3,7,8-PeCDD	ND(0.000000044)	NS	**ND(0.0000012)**	NS	0.00000016 w	0.00000052 w
PeCDDs (total)	ND(0.00000039)	NS	0.0000020 I	NS	0.00000022	0.00000037 I
1,2,3,4,7,8-HxCDD	ND(0.000000070)	NS	**ND(0.00000041)**	NS	0.00000011 w	0.000000098 J
1,2,3,6,7,8-HxCDD	ND(0.000000074)	NS	**ND(0.00000062)**	NS	0.00000016 w	0.00000023 J
1,2,3,7,8,9-HxCDD	ND(0.000000067)	NS	ND(0.000000037)	NS	0.00000014 w	0.00000014 J
HxCDDs (total)	ND(0.00000037)	NS	0.0000070	NS	0.00000031	0.0000013
1,2,3,4,6,7,8-HpCDD	**ND(0.00000018)**	NS	0.0000051	NS	0.0000012 J	0.0000032
HpCDDs (total)	**ND(0.00000048)**	NS	0.000011	NS	0.0000025	0.0000064
OCDD	**ND(0.000000081)**	NS	0.000021	NS	0.0000057	0.000018
Total Dioxins	ND(0.00000048)	NS	0.000042	NS	0.0000087	0.000026
WHO TEF	0.00000013	NS	0.000020	NS	0.0000023	0.0000064
Inorganics						
Antimony	ND(11.0)	NS	**ND(12) J**	NS	**ND(13) J**	ND(16.0)
Arsenic	ND(18.0)	NS	ND(20.0)	NS	ND(22.0)	ND(27.0)
Barium	ND(37.0)	NS	42.0	NS	ND(43.0)	ND(54.0)
Beryllium	ND(0.180)	NS	ND(0.200)	NS	0.270	ND(0.270)
Cadmium	ND(1.80)	NS	ND(2.00)	NS	ND(2.20)	ND(2.70)
Chromium	5.00	NS	ND(5.40)	NS	12.0	7.40
Cobalt	ND(9.20)	NS	43.0	NS	11.0	35.0
Copper	ND(18.0)	NS	21.0	NS	31.0	29.0
Cyanide	ND(1.00)	NS	ND(1.00)	NS	ND(1.00)	ND(1.00)
Lead	6.30	NS	10.0	NS	15.0	15.0
Mercury	ND(0.250)	NS	ND(0.270)	NS	ND(0.290)	ND(0.360)
Nickel	10.0	NS	18.0	NS	22.0	17.0
Selenium	ND(0.920)	NS	ND(1.00)	NS	ND(1.10)	ND(1.30)
Silver	**ND(0.920) J**	NS	ND(1.00)	NS	ND(1.10)	**ND(1.30) J**
Sulfide	15.0	NS	10.0	NS	160	14.0
Thallium	**ND(1.80) J**	NS	**ND(2.0) J**	NS	**ND(2.20) J**	**ND(2.70) J**
Tin	ND(55.0)	NS	ND(60.0)	NS	ND(65.0)	ND(81.0)
Vanadium	ND(9.20)	NS	ND(10.0)	NS	ND(11.0)	ND(13.0)
Zinc	37.0	NS	31.0	NS	74.0	38.0

TABLE 2-2

GENERAL ELECTRIC COMPANY
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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-5 6-15 12/13/00	20s Complex RAA3-5 8-10 12/13/00	20s Complex RAA3-6 0-1 12/15/00	20s Complex RAA3-7 1-2 01/10/01	20s Complex RAA3-7 1-6 01/10/01	20s Complex RAA3-8 0-1 01/10/01
Volatile Organics						
1,1,1,2-Tetrachloroethane	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
1,1,1-Trichloroethane	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
1,1,2,2-Tetrachloroethane	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
1,1,2-Trichloroethane	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
1,1-Dichloroethane	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
1,1-Dichloroethene	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
1,2,3-Trichloropropane	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
1,2-Dibromo-3-chloropropane	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
1,2-Dibromoethane	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
1,2-Dichloroethane	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
1,2-Dichloropropane	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
1,4-Dioxane	NS	**ND(0.20) J**	**ND(0.20) J**	**ND(0.20) J**	NS	**ND(0.20) J**
2-Butanone	NS	**ND(0.10) J**	ND(0.10)	ND(0.10)	NS	ND(0.10)
2-Chloro-1,3-butadiene	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
2-Chloroethylvinylether	NS	**ND(0.0074) J**	**ND(0.0069) J**	**ND(0.0076) J**	NS	**ND(0.0069) J**
2-Hexanone	NS	**ND(0.015) J**	ND(0.014)	**ND(0.015) J**	NS	**ND(0.014) J**
3-Chloropropene	NS	ND(0.015)	ND(0.014)	ND(0.015)	NS	ND(0.014)
4-Methyl-2-pentanone	NS	ND(0.015)	ND(0.014)	**ND(0.015) J**	NS	**ND(0.014) J**
Acetone	NS	**ND(0.10) J**	ND(0.10)	ND(0.10)	NS	ND(0.10)
Acetonitrile	NS	ND(0.15)	ND(0.14)	ND(0.15)	NS	ND(0.14)
Acrolein	NS	**ND(0.15) J**	**ND(0.14) J**	**ND(0.15) J**	NS	**ND(0.14) J**
Acrylonitrile	NS	ND(0.015)	ND(0.014)	ND(0.015)	NS	ND(0.014)
Benzene	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
Bromodichloromethane	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
Bromoform	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
Bromomethane	NS	ND(0.015)	ND(0.014)	ND(0.015)	NS	ND(0.014)
Carbon Disulfide	NS	ND(0.010)	ND(0.010)	ND(0.010)	NS	ND(0.010)
Carbon Tetrachloride	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
Chlorobenzene	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
Chloroethane	NS	ND(0.015)	ND(0.014)	ND(0.015)	NS	ND(0.014)
Chloroform	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
Chloromethane	NS	ND(0.015)	ND(0.014)	ND(0.015)	NS	ND(0.014)
cis-1,3-Dichloropropene	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
Dibromochloromethane	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
Dibromomethane	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
Dichlorodifluoromethane	NS	ND(0.015)	ND(0.014)	ND(0.015)	NS	ND(0.014)
Ethyl Methacrylate	NS	ND(0.015)	ND(0.014)	ND(0.015)	NS	ND(0.014)
Ethylbenzene	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
Iodomethane	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
Isobutanol	NS	**ND(0.30) J**	**ND(0.27) J**	**ND(0.30) J**	NS	**ND(0.27) J**
Methacrylonitrile	NS	ND(0.015)	ND(0.014)	ND(0.015)	NS	ND(0.014)
Methyl Methacrylate	NS	ND(0.015)	ND(0.014)	ND(0.015)	NS	ND(0.014)
Methylene Chloride	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
Propionitrile	NS	**ND(0.074) J**	**ND(0.069) J**	**ND(0.076) J**	NS	**ND(0.069) J**
Styrene	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
Tetrachloroethene	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
Toluene	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
trans-1,2-Dichloroethene	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
trans-1,3-Dichloropropene	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
trans-1,4-Dichloro-2-butene	NS	ND(0.015)	ND(0.014)	ND(0.015)	NS	ND(0.014)
Trichloroethene	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
Trichlorofluoromethane	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)
Vinyl Acetate	NS	ND(0.015)	ND(0.014)	ND(0.015)	NS	ND(0.014)
Vinyl Chloride	NS	ND(0.015)	ND(0.014)	ND(0.015)	NS	ND(0.014)
Xylenes (total)	NS	ND(0.0074)	ND(0.0069)	ND(0.0076)	NS	ND(0.0069)

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-5 6-15 12/13/00	20s Complex RAA3-5 8-10 12/13/00	20s Complex RAA3-6 0-1 12/15/00	20s Complex RAA3-7 1-2 01/10/01	20s Complex RAA3-7 1-6 01/10/01	20s Complex RAA3-8 0-1 01/10/01
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.41)	NS	ND(4.6)	NS	ND(0.43)	ND(0.46)
1,2,4-Trichlorobenzene	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
1,2-Dichlorobenzene	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
1,2-Diphenylhydrazine	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
1,3,5-Trinitrobenzene	ND(0.82)	NS	**ND(9.1) J**	NS	ND(0.88)	ND(0.92)
1,3-Dichlorobenzene	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
1,3-Dinitrobenzene	ND(2.1)	NS	ND(23)	NS	ND(2.2)	ND(2.3)
1,4-Dichlorobenzene	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
1,4-Naphthoquinone	ND(2.1)	NS	ND(23)	NS	ND(2.2)	ND(2.3)
1-Naphthylamine	ND(2.1)	NS	ND(9.1)	NS	ND(2.2)	ND(2.3)
2,3,4,6-Tetrachlorophenol	ND(0.41)	NS	ND(4.6)	NS	ND(0.43)	ND(0.46)
2,4,5-Trichlorophenol	ND(0.41)	NS	ND(4.6)	NS	ND(0.43)	ND(0.46)
2,4,6-Trichlorophenol	ND(0.41)	NS	ND(4.6)	NS	ND(0.43)	ND(0.46)
2,4-Dichlorophenol	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
2,4-Dimethylphenol	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
2,4-Dinitrophenol	ND(2.1)	NS	ND(4.6)	NS	ND(2.2)	ND(2.3)
2,4-Dinitrotoluene	ND(2.1)	NS	ND(4.6)	NS	ND(2.2)	ND(2.3)
2,6-Dichlorophenol	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
2,6-Dinitrotoluene	ND(0.41)	NS	ND(4.6)	NS	ND(0.43)	ND(0.46)
2-Acetylaminofluorene	**ND(0.82) J**	NS	R	NS	ND(0.88)	ND(0.92)
2-Chloronaphthalene	ND(0.41)	NS	ND(4.6)	NS	ND(0.43)	ND(0.46)
2-Chlorophenol	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
2-Methylnaphthalene	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
2-Methylphenol	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
2-Naphthylamine	ND(2.1)	NS	ND(9.1)	NS	ND(2.2)	ND(2.3)
2-Nitroaniline	**ND(2.1) J**	NS	ND(4.6)	NS	ND(2.2)	ND(2.3)
2-Nitrophenol	ND(0.82)	NS	**ND(4.6) J**	NS	ND(0.88)	ND(0.92)
2-Picoline	ND(0.41)	NS	ND(4.6)	NS	ND(0.43)	ND(0.46)
3&4-Methylphenol	ND(0.82)	NS	**ND(4.6) J**	NS	ND(0.88)	ND(0.92)
3,3'-Dichlorobenzidine	ND(2.1)	NS	R	NS	ND(2.2)	ND(2.3)
3,3'-Dimethylbenzidine	ND(2.1)	NS	R	NS	ND(2.2)	ND(2.3)
3-Methylcholanthrene	ND(0.82)	NS	R	NS	ND(0.88)	ND(0.92)
3-Nitroaniline	**ND(2.1) J**	NS	ND(4.6)	NS	ND(2.2)	ND(2.3)
4,6-Dinitro-2-methylphenol	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
4-Aminobiphenyl	ND(0.82)	NS	**ND(9.1) J**	NS	ND(0.88)	ND(0.92)
4-Bromophenyl-phenylether	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
4-Chloro-3-Methylphenol	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
4-Chloroaniline	ND(0.82)	NS	**ND(4.6) J**	NS	ND(0.88)	ND(0.92)
4-Chlorobenzilate	ND(2.1)	NS	ND(23)	NS	ND(2.2)	ND(2.3)
4-Chlorophenyl-phenylether	ND(0.41)	NS	ND(4.6)	NS	ND(0.43)	ND(0.46)
4-Nitroaniline	ND(2.1)	NS	**ND(4.6) J**	NS	ND(2.2)	ND(2.3)
4-Nitrophenol	ND(2.1)	NS	**ND(4.6) J**	NS	ND(2.2)	ND(2.3)
4-Nitroquinoline-1-oxide	**ND(2.1) J**	NS	**ND(23) J**	NS	**ND(2.2) J**	**ND(2.3) J**
4-Phenylenediamine	ND(2.1)	NS	**ND(23) J**	NS	ND(2.2)	ND(2.3)
5-Nitro-o-toluidine	**ND(2.1) J**	NS	**ND(23) J**	NS	ND(2.2)	ND(2.3)
7,12-Dimethylbenz(a)anthracene	**ND(0.82) J**	NS	R	NS	ND(0.88)	ND(0.92)
a,a'-Dimethylphenethylamine	ND(2.1)	NS	ND(23)	NS	ND(2.2)	ND(2.3)
Acenaphthene	ND(0.41)	NS	ND(4.6)	NS	ND(0.43)	ND(0.46)
Acenaphthylene	ND(0.41)	NS	ND(4.6)	NS	0.84	ND(0.46)
Acetophenone	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
Aniline	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
Anthracene	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
Aramite	ND(0.82)	NS	R	NS	**ND(0.88) J**	**ND(0.92) J**
Benzidine	**ND(0.82) J**	NS	R	NS	**ND(0.88) J**	**ND(0.92) J**
Benzo(a)anthracene	ND(0.41)	NS	R	NS	1.5	1.9
Benzo(a)pyrene	ND(0.41)	NS	R	NS	1.8	0.61
Benzo(b)fluoranthene	ND(0.41)	NS	R	NS	1.1	1.3
Benzo(g,h,i)perylene	ND(0.41)	NS	R	NS	1.8	1.3 J
Benzo(k)fluoranthene	ND(0.41)	NS	R	NS	1.2	2.0

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-5 6-15 12/13/00	20s Complex RAA3-5 8-10 12/13/00	20s Complex RAA3-6 0-1 12/15/00	20s Complex RAA3-7 1-2 01/10/01	20s Complex RAA3-7 1-6 01/10/01	20s Complex RAA3-8 0-1 01/10/01
Semivolatile Organics (continued)						
Benzyl Alcohol	ND(0.82)	NS	**ND(4.6) J**	NS	ND(0.88)	ND(0.92)
bis(2-Chloroethoxy)methane	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
bis(2-Chloroethyl)ether	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
bis(2-Chloroisopropyl)ether	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
bis(2-Ethylhexyl)phthalate	ND(0.41)	NS	R	NS	ND(0.43)	ND(0.46)
Butylbenzylphthalate	ND(0.82)	NS	R	NS	**ND(0.88) J**	**ND(0.92) J**
Chrysene	ND(0.41)	NS	R	NS	1.4	3.0
Diallate	ND(0.82)	NS	**ND(4.6) J**	NS	ND(0.88)	ND(0.92)
Dibenzo(a,h)anthracene	ND(0.82)	NS	R	NS	ND(0.88)	ND(4.6)
Dibenzofuran	ND(0.41)	NS	ND(4.6)	NS	ND(0.43)	ND(0.46)
Diethylphthalate	ND(0.41)	NS	ND(4.6)	NS	ND(0.43)	ND(0.46)
Dimethylphthalate	ND(0.41)	NS	ND(4.6)	NS	ND(0.43)	ND(0.46)
Di-n-Butylphthalate	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
Di-n-Octylphthalate	ND(0.41)	NS	R	NS	ND(0.43)	ND(0.46)
Diphenylamine	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
Ethyl Methanesulfonate	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
Fluoranthene	ND(0.41)	NS	**ND(4.6) J**	NS	1.5	3.4
Fluorene	ND(0.41)	NS	ND(4.6)	NS	ND(0.43)	ND(0.46)
Hexachlorobenzene	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
Hexachlorobutadiene	ND(0.82)	NS	**ND(4.6) J**	NS	ND(0.88)	ND(0.92)
Hexachlorocyclopentadiene	ND(0.41)	NS	ND(4.6)	NS	ND(0.43)	ND(0.46)
Hexachloroethane	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
Hexachlorophene	**ND(0.82) J**	NS	R	NS	**ND(0.88) J**	**ND(0.92) J**
Hexachloropropene	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
Indeno(1,2,3-cd)pyrene	ND(0.82)	NS	R	NS	1.5	1.1
Isodrin	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
Isophorone	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
Isosafrole	ND(0.82)	NS	ND(4.6)	NS	ND(0.88)	ND(0.92)
Methapyrilene	ND(2.1)	NS	**ND(23) J**	NS	**ND(2.2) J**	**ND(2.3) J**
Methyl Methanesulfonate	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
Naphthalene	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
Nitrobenzene	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
N-Nitrosodiethylamine	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
N-Nitrosodimethylamine	**ND(0.82) J**	NS	**ND(4.6) J**	NS	ND(2.1)	ND(2.3)
N-Nitroso-di-n-butylamine	ND(0.82)	NS	**ND(4.6) J**	NS	ND(0.88)	ND(0.92)
N-Nitroso-di-n-propylamine	ND(0.82)	NS	**ND(9.1) J**	NS	ND(0.88)	ND(0.92)
N-Nitrosodiphenylamine	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
N-Nitrosomethylethylamine	ND(0.82)	NS	**ND(4.6) J**	NS	ND(0.88)	ND(0.92)
N-Nitrosomorpholine	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
N-Nitrosopiperidine	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
N-Nitrosopyrrolidine	ND(0.82)	NS	**ND(4.6) J**	NS	**ND(0.88) J**	**ND(0.92) J**
o,o,o-Triethylphosphorothioate	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
o-Toluidine	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
p-Dimethylaminoazobenzene	ND(2.1)	NS	ND(23)	NS	**ND(2.2) J**	**ND(2.3) J**
Pentachlorobenzene	ND(0.41)	NS	ND(4.6)	NS	ND(0.43)	ND(0.46)
Pentachloroethane	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
Pentachloronitrobenzene	**ND(2.1) J**	NS	**ND(23) J**	NS	ND(2.2)	ND(2.3)
Pentachlorophenol	ND(2.1)	NS	**ND(4.6) J**	NS	ND(2.2)	ND(2.3)
Phenacetin	ND(2.1)	NS	**ND(23) J**	NS	ND(2.2)	ND(2.3)
Phenanthrene	ND(0.41)	NS	**ND(4.6) J**	NS	0.71	4.1
Phenol	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
Pronamide	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
Pyrene	ND(0.41)	NS	R	NS	3.1	7.5
Pyridine	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
Safrole	ND(0.41)	NS	**ND(4.6) J**	NS	ND(0.43)	ND(0.46)
Thionazin	ND(0.41)	NS	**ND(4.6) J**	NS	**ND(0.43) J**	**ND(0.46) J**

TABLE 2-2

GENERAL ELECTRIC COMPANY
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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-5 6-15 12/13/00	20s Complex RAA3-5 8-10 12/13/00	20s Complex RAA3-6 0-1 12/15/00	20s Complex RAA3-7 1-2 01/10/01	20s Complex RAA3-7 1-6 01/10/01	20s Complex RAA3-8 0-1 01/10/01
Furans						
2,3,7,8-TCDF	**0.0000048 J**	NS	0.000016	NS	0.00000081	0.0000021
TCDFs (total)	ND(0.00000068)	NS	0.00013	NS	0.0000052 I	0.000012 I
1,2,3,7,8-PeCDF	ND(0.00000067)	NS	0.0000058	NS	0.00000032 J	0.00000074 J
2,3,4,7,8-PeCDF	ND(0.00000065)	NS	0.000025	NS	0.00000051 J	0.0000012 J
PeCDFs (total)	0.000020	NS	0.00026	NS	0.0000041 I	0.000013 I
1,2,3,4,7,8-HxCDF	**0.000023 J**	NS	0.000016	NS	0.00000032 J	0.00000069 J
1,2,3,6,7,8-HxCDF	**ND(0.0000030) J**	NS	0.0000090	NS	0.00000023 J	0.00000053 J
1,2,3,7,8,9-HxCDF	**ND(0.0000039) J**	NS	0.0000044	NS	ND(0.000000054)	ND(0.000000084)
2,3,4,6,7,8-HxCDF	**ND(0.0000030) J**	NS	0.000023	NS	0.00000026 J	0.0000011 J
HxCDFs (total)	ND(0.0000030)	NS	0.00028	NS	0.0000036	0.000014
1,2,3,4,6,7,8-HpCDF	0.0000074	NS	0.000024	NS	0.00000054 J	0.0000021 J
1,2,3,4,7,8,9-HpCDF	ND(0.0000015)	NS	0.0000044	NS	0.000000085 J	0.00000024 J
HpCDFs (total)	0.0000085	NS	0.000066	NS	0.0000011	0.0000048
OCDF	0.0000049	NS	0.000021	NS	0.00000050 J	0.0000017 J
Total Furans	0.000033	NS	0.00076	NS	0.000015	0.000046
Dioxins						
2,3,7,8-TCDD	ND(0.00000058)	NS	0.00000050 w	NS	ND(0.000000057)	ND(0.000000077)
TCDDs (total)	ND(0.00000058)	NS	0.0000027	NS	0.00000013	0.00000012
1,2,3,7,8-PeCDD	ND(0.0000020)	NS	**ND(0.0000013)**	NS	0.000000074 w	0.00000013 w
PeCDDs (total)	ND(0.0000020)	NS	0.0000039	NS	0.00000011 I	0.00000051 I
1,2,3,4,7,8-HxCDD	ND(0.00000058)	NS	0.00000038 J	NS	ND(0.000000048)	0.000000092 J
1,2,3,6,7,8-HxCDD	ND(0.00000056)	NS	0.0000010 J	NS	0.00000011 J	0.00000022 J
1,2,3,7,8,9-HxCDD	ND(0.00000055)	NS	0.00000064 J	NS	0.000000064 J	0.00000013 J
HxCDDs (total)	ND(0.00000056)	NS	0.000012	NS	0.00000067	0.0000020
1,2,3,4,6,7,8-HpCDD	0.0000016 w	NS	0.000019	NS	0.00000086 J	0.0000028
HpCDDs (total)	ND(0.00000052)	NS	0.000038	NS	**ND(0.0000033)**	0.0000055
OCDD	0.000012 B	NS	0.00013	NS	**ND(0.0000015)**	0.000015
Total Dioxins	0.000012	NS	0.00019	NS	0.00000091	0.000023
WHO TEF	0.0000049	NS	0.000021	NS	0.00000057	0.0000013
Inorganics						
Antimony	**ND(11.0) J**	NS	ND(12.0)	NS	ND(12.0)	ND(12.0)
Arsenic	ND(18.0)	NS	ND(20.0)	NS	ND(20.0)	ND(21.0)
Barium	ND(36.0)	NS	52.0	NS	ND(39.0)	ND(41.0)
Beryllium	ND(0.180)	NS	0.350	NS	0.200	ND(0.210)
Cadmium	ND(1.80)	NS	ND(2.00)	NS	ND(2.00)	ND(2.10)
Chromium	9.10	NS	9.80	NS	10.0	6.80
Cobalt	ND(9.10)	NS	ND(10.0)	NS	15.0	ND(10.0)
Copper	26.0	NS	37.0	NS	36.0	28.0
Cyanide	ND(1.00)	NS	ND(1.00)	NS	ND(1.00)	ND(1.00)
Lead	34.0	NS	38.0	NS	14.0	26.0
Mercury	ND(0.240)	NS	ND(0.270)	NS	ND(0.260)	ND(0.270)
Nickel	13.0	NS	15.0	NS	19.0	14.0
Selenium	**ND(0.910) J**	NS	ND(1.00)	NS	ND(0.980)	ND(1.00)
Silver	ND(0.910)	NS	ND(1.00)	NS	ND(0.980)	ND(1.00)
Sulfide	**ND(6.10) J**	NS	8.70	NS	10.0	17.0
Thallium	**ND(1.80) J**	NS	**ND(2.00) J**	NS	ND(2.00)	ND(2.10)
Tin	ND(55.0)	NS	ND(62.0)	NS	ND(59.0)	ND(62.0)
Vanadium	ND(9.10)	NS	13.0	NS	ND(9.80)	ND(10.0)
Zinc	58.0	NS	89.0	NS	49.0	46.0

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-16 0-1 12/29/00	20s Complex RAA3-17 6-8 12/29/00	20s Complex RAA3-17 6-15 12/29/00	20s Complex RAA3-18 0-1 12/12/00	20s Complex RAA3-19 1-2 12/15/00	20s Complex RAA3-19 1-6 12/15/00
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
1,1,1-Trichloroethane	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
1,1,2,2-Tetrachloroethane	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
1,1,2-Trichloroethane	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
1,1-Dichloroethane	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
1,1-Dichloroethene	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
1,2,3-Trichloropropane	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
1,2-Dibromo-3-chloropropane	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
1,2-Dibromoethane	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
1,2-Dichloroethane	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
1,2-Dichloropropane	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
1,4-Dioxane	**ND(0.20) J**	**ND(0.20) J**	NS	**ND(0.20) J**	**ND(0.20) J**	NS
2-Butanone	ND(0.10)	ND(0.10)	NS	ND(0.10)	ND(0.10)	NS
2-Chloro-1,3-butadiene	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
2-Chloroethylvinylether	**ND(0.0076) J**	**ND(0.0068) J**	NS	**ND(0.0072) J**	**ND(0.0060) J**	NS
2-Hexanone	**ND(0.015) J**	**ND(0.014) J**	NS	ND(0.014)	ND(0.012)	NS
3-Chloropropene	ND(0.015)	ND(0.014)	NS	ND(0.014)	ND(0.012)	NS
4-Methyl-2-pentanone	ND(0.015)	ND(0.014)	NS	ND(0.014)	ND(0.012)	NS
Acetone	ND(0.10)	ND(0.10)	NS	ND(0.10)	ND(0.10)	NS
Acetonitrile	ND(0.15)	ND(0.14)	NS	ND(0.14)	ND(0.12)	NS
Acrolein	**ND(0.15) J**	**ND(0.14) J**	NS	**ND(0.14) J**	**ND(0.12) J**	NS
Acrylonitrile	ND(0.015)	ND(0.014)	NS	ND(0.014)	ND(0.012)	NS
Benzene	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
Bromodichloromethane	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
Bromoform	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
Bromomethane	ND(0.015)	ND(0.014)	NS	ND(0.014)	ND(0.012)	NS
Carbon Disulfide	ND(0.010)	ND(0.010)	NS	ND(0.010)	ND(0.010)	NS
Carbon Tetrachloride	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
Chlorobenzene	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
Chloroethane	ND(0.015)	ND(0.014)	NS	ND(0.014)	ND(0.012)	NS
Chloroform	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
Chloromethane	ND(0.015)	ND(0.014)	NS	ND(0.014)	ND(0.012)	NS
cis-1,3-Dichloropropene	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
Dibromochloromethane	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
Dibromomethane	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
Dichlorodifluoromethane	ND(0.015)	ND(0.014)	NS	ND(0.014)	ND(0.012)	NS
Ethyl Methacrylate	ND(0.015)	ND(0.014)	NS	ND(0.014)	ND(0.012)	NS
Ethylbenzene	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
Iodomethane	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
Isobutanol	**ND(0.30) J**	**ND(0.27) J**	NS	**ND(0.29) J**	**ND(0.24) J**	NS
Methacrylonitrile	ND(0.015)	ND(0.014)	NS	ND(0.014)	ND(0.012)	NS
Methyl Methacrylate	ND(0.015)	ND(0.014)	NS	ND(0.014)	ND(0.012)	NS
Methylene Chloride	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
Propionitrile	**ND(0.076) J**	**ND(0.068) J**	NS	**ND(0.072) J**	**ND(0.060) J**	NS
Styrene	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
Tetrachloroethene	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
Toluene	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
trans-1,2-Dichloroethene	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
trans-1,3-Dichloropropene	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
trans-1,4-Dichloro-2-butene	ND(0.015)	ND(0.014)	NS	ND(0.014)	ND(0.012)	NS
Trichloroethene	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS
Trichlorofluoromethane	**ND(0.0076) J**	**ND(0.0068) J**	NS	ND(0.0072)	ND(0.0060)	NS
Vinyl Acetate	ND(0.015)	ND(0.014)	NS	ND(0.014)	ND(0.012)	NS
Vinyl Chloride	ND(0.015)	ND(0.014)	NS	ND(0.014)	ND(0.012)	NS
Xylenes (total)	ND(0.0076)	ND(0.0068)	NS	ND(0.0072)	ND(0.0060)	NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-16 0-1 12/29/00	20s Complex RAA3-17 6-8 12/29/00	20s Complex RAA3-17 6-15 12/29/00	20s Complex RAA3-18 0-1 12/12/00	20s Complex RAA3-19 1-2 12/15/00	20s Complex RAA3-19 1-6 12/15/00
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
1,2,4-Trichlorobenzene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
1,2-Dichlorobenzene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
1,2-Diphenylhydrazine	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
1,3,5-Trinitrobenzene	ND(5.1)	NS	ND(4.2)	ND(0.95)	NS	ND(0.79)
1,3-Dichlorobenzene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
1,3-Dinitrobenzene	ND(13)	NS	ND(11)	ND(2.4)	NS	ND(2.0)
1,4-Dichlorobenzene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
1,4-Naphthoquinone	ND(13)	NS	ND(11)	ND(2.4)	NS	ND(2.0)
1-Naphthylamine	ND(13)	NS	ND(11)	ND(2.4)	NS	ND(2.0)
2,3,4,6-Tetrachlorophenol	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
2,4,5-Trichlorophenol	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
2,4,6-Trichlorophenol	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
2,4-Dichlorophenol	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
2,4-Dimethylphenol	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
2,4-Dinitrophenol	ND(13)	NS	ND(11)	ND(2.4)	NS	ND(2.0)
2,4-Dinitrotoluene	ND(13)	NS	ND(11)	ND(2.4)	NS	ND(2.0)
2,6-Dichlorophenol	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
2,6-Dinitrotoluene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
2-Acetylaminofluorene	ND(5.1)	NS	ND(4.2)	**ND(0.95) J**	NS	ND(0.79)
2-Chloronaphthalene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
2-Chlorophenol	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
2-Methylnaphthalene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
2-Methylphenol	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
2-Naphthylamine	ND(13)	NS	ND(11)	ND(2.4)	NS	ND(2.0)
2-Nitroaniline	ND(13)	NS	ND(11)	**ND(2.4) J**	NS	ND(2.0)
2-Nitrophenol	ND(5.1)	NS	ND(4.2)	ND(0.95)	NS	ND(0.79)
2-Picoline	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
3&4-Methylphenol	ND(5.1)	NS	ND(4.2)	ND(0.95)	NS	ND(0.79)
3,3'-Dichlorobenzidine	ND(13)	NS	ND(11)	ND(2.4)	NS	ND(2.0)
3,3'-Dimethylbenzidine	ND(13)	NS	ND(11)	ND(2.4)	NS	ND(2.0)
3-Methylcholanthrene	ND(5.1)	NS	ND(4.2)	ND(0.95)	NS	**ND(0.79) J**
3-Nitroaniline	ND(13)	NS	ND(11)	**ND(2.4) J**	NS	ND(2.0)
4,6-Dinitro-2-methylphenol	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
4-Aminobiphenyl	ND(5.1)	NS	ND(4.2)	ND(0.95)	NS	ND(0.79)
4-Bromophenyl-phenylether	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
4-Chloro-3-Methylphenol	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
4-Chloroaniline	ND(5.1)	NS	ND(4.2)	ND(0.95)	NS	ND(0.79)
4-Chlorobenzilate	ND(13)	NS	ND(11)	ND(2.4)	NS	ND(2.0)
4-Chlorophenyl-phenylether	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
4-Nitroaniline	ND(13)	NS	ND(11)	ND(2.4)	NS	ND(2.0)
4-Nitrophenol	**ND(13) J**	NS	**ND(11) J**	ND(2.4)	NS	**ND(2.0) J**
4-Nitroquinoline-1-oxide	ND(13)	NS	ND(11)	**ND(2.4) J**	NS	ND(2.0)
4-Phenylenediamine	ND(13)	NS	ND(11)	ND(2.4)	NS	ND(2.0)
5-Nitro-o-toluidine	ND(13)	NS	ND(11)	**ND(2.4) J**	NS	ND(2.0)
7,12-Dimethylbenz(a)anthracene	ND(5.1)	NS	ND(4.2)	**ND(0.95) J**	NS	**ND(0.79) J**
a,a'-Dimethylphenethylamine	ND(13)	NS	ND(11)	ND(2.4)	NS	ND(2.0)
Acenaphthene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Acenaphthylene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Acetophenone	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Aniline	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Anthracene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Aramite	**ND(5.1) J**	NS	**ND(4.2) J**	ND(0.95)	NS	ND(0.79)
Benzidine	**ND(5.1) J**	NS	**ND(4.2) J**	**ND(0.95) J**	NS	**ND(0.79) J**
Benzo(a)anthracene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Benzo(a)pyrene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	**ND(0.39) J**
Benzo(b)fluoranthene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	**ND(0.39) J**
Benzo(g,h,i)perylene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	**ND(0.39) J**
Benzo(k)fluoranthene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	**ND(0.39) J**

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-16 0-1 12/29/00	20s Complex RAA3-17 6-8 12/29/00	20s Complex RAA3-17 6-15 12/29/00	20s Complex RAA3-18 0-1 12/12/00	20s Complex RAA3-19 1-2 12/15/00	20s Complex RAA3-19 1-6 12/15/00
Semivolatile Organics (continued)						
Benzyl Alcohol	ND(5.1)	NS	ND(4.2)	ND(0.95)	NS	ND(0.79)
bis(2-Chloroethoxy)methane	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
bis(2-Chloroethyl)ether	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
bis(2-Chloroisopropyl)ether	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
bis(2-Ethylhexyl)phthalate	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Butylbenzylphthalate	ND(5.1)	NS	ND(4.2)	ND(0.95)	NS	ND(0.79)
Chrysene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Diallate	ND(5.1)	NS	ND(4.2)	ND(0.95)	NS	ND(0.79)
Dibenzo(a,h)anthracene	ND(5.1)	NS	ND(4.2)	**ND(0.95) J**	NS	**ND(0.79) J**
Dibenzofuran	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Diethylphthalate	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Dimethylphthalate	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Di-n-Butylphthalate	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Di-n-Octylphthalate	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	**ND(0.39) J**
Diphenylamine	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Ethyl Methanesulfonate	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Fluoranthene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Fluorene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Hexachlorobenzene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Hexachlorobutadiene	ND(5.1)	NS	ND(4.2)	ND(0.95)	NS	ND(0.79)
Hexachlorocyclopentadiene	**ND(2.5) J**	NS	**ND(2.1) J**	ND(0.47)	NS	ND(0.39)
Hexachloroethane	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Hexachlorophene	**ND(5.1) J**	NS	**ND(4.2) J**	**ND(0.95) J**	NS	**ND(0.79) J**
Hexachloropropene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Indeno(1,2,3-cd)pyrene	ND(5.1)	NS	ND(4.2)	ND(0.95)	NS	**ND(0.79) J**
Isodrin	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Isophorone	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Isosafrole	ND(5.1)	NS	ND(4.2)	ND(0.95)	NS	ND(0.79)
Methapyrilene	ND(13)	NS	ND(11)	ND(2.4)	NS	ND(2.0)
Methyl Methanesulfonate	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Naphthalene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Nitrobenzene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
N-Nitrosodiethylamine	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
N-Nitrosodimethylamine	ND(13)	NS	ND(11)	**ND(0.95) J**	NS	**ND(0.79) J**
N-Nitroso-di-n-butylamine	ND(5.1)	NS	ND(4.2)	ND(0.95)	NS	**ND(0.79) J**
N-Nitroso-di-n-propylamine	ND(5.1)	NS	ND(4.2)	ND(0.95)	NS	ND(0.79)
N-Nitrosodiphenylamine	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
N-Nitrosomethylethylamine	ND(2.5)	NS	ND(2.1)	ND(0.95)	NS	ND(0.79)
N-Nitrosomorpholine	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
N-Nitrosopiperidine	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
N-Nitrosopyrrolidine	ND(5.1)	NS	ND(4.2)	ND(0.95)	NS	ND(0.79)
o,o,o-Triethylphosphorothioate	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
o-Toluidine	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
p-Dimethylaminoazobenzene	ND(13)	NS	ND(11)	ND(2.4)	NS	ND(2.0)
Pentachlorobenzene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Pentachloroethane	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Pentachloronitrobenzene	**ND(13) J**	NS	**ND(11) J**	**ND(2.4) J**	NS	**ND(2.0) J**
Pentachlorophenol	ND(13)	NS	ND(11)	ND(2.4)	NS	ND(2.0)
Phenacetin	ND(13)	NS	ND(11)	ND(2.4)	NS	ND(2.0)
Phenanthrene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Phenol	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Pronamide	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Pyrene	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Pyridine	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Safrole	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)
Thionazin	ND(2.5)	NS	ND(2.1)	ND(0.47)	NS	ND(0.39)

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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-16 0-1 12/29/00	20s Complex RAA3-17 6-8 12/29/00	20s Complex RAA3-17 6-15 12/29/00	20s Complex RAA3-18 0-1 12/12/00	20s Complex RAA3-19 1-2 12/15/00	20s Complex RAA3-19 1-6 12/15/00
Furans						
2,3,7,8-TCDF	0.0000013	NS	0.0000014	0.0000010	NS	0.0000020
TCDFs (total)	0.000011	NS	0.0000098	0.0000089	NS	0.000015
1,2,3,7,8-PeCDF	0.00000048 J	NS	0.0000012 J	0.00000064 Jw	NS	0.00000052 J
2,3,4,7,8-PeCDF	0.0000015 J	NS	0.0000035	0.00000028 Jw	NS	0.0000015 J
PeCDFs (total)	0.000016	NS	0.000027	0.000028	NS	0.000017
1,2,3,4,7,8-HxCDF	0.00000056 J	NS	0.0000099	ND(0.0000039)	NS	0.00000061 J
1,2,3,6,7,8-HxCDF	0.00000055 J	NS	0.0000015 J	ND(0.0000036)	NS	0.00000056 J
1,2,3,7,8,9-HxCDF	ND(0.00000014)	NS	0.00000080 J	ND(0.0000049)	NS	ND(0.000000073)
2,3,4,6,7,8-HxCDF	0.0000010 J	NS	0.0000023 J	ND(0.0000037)	NS	0.0000014 J
HxCDFs (total)	0.000014	NS	0.000036	0.000022	NS	0.000017
1,2,3,4,6,7,8-HpCDF	0.0000028	NS	0.0000092	0.0000034	NS	0.0000016 J
1,2,3,4,7,8,9-HpCDF	0.00000020 J	NS	0.0000051	0.0000011	NS	0.00000026 J
HpCDFs (total)	0.0000064	NS	0.000029	0.0000051	NS	0.0000040
OCDF	0.0000036 J	NS	0.000039	**ND(0.0000076)**	NS	0.0000010 J
Total Furans	0.000051	NS	0.00014	0.000064	NS	0.000054
Dioxins						
2,3,7,8-TCDD	ND(0.000000077)	NS	0.00000018 w	ND(0.00000037)	NS	0.00000012 w
TCDDs (total)	ND(0.00000020)	NS	0.00000050	ND(0.00000037)	NS	0.000000092
1,2,3,7,8-PeCDD	0.00000017 w	NS	ND(0.00000012)	ND(0.0000018)	NS	**ND(0.000000099)**
PeCDDs (total)	0.00000086	NS	ND(0.00000039)	ND(0.0000018)	NS	0.00000023
1,2,3,4,7,8-HxCDD	0.00000012 J	NS	ND(0.000000079)	ND(0.0000018)	NS	**ND(0.000000043)**
1,2,3,6,7,8-HxCDD	0.00000041 J	NS	0.00000026 J	ND(0.0000014)	NS	**ND(0.00000012)**
1,2,3,7,8,9-HxCDD	0.00000028 J	NS	0.00000011 w	ND(0.0000015)	NS	**ND(0.000000084)**
HxCDDs (total)	0.0000029	NS	0.0000015	ND(0.0000014)	NS	0.00000033
1,2,3,4,6,7,8-HpCDD	0.0000070	NS	0.000010	0.0000018	NS	0.00000086 J
HpCDDs (total)	0.000016	NS	0.000018	0.0000031	NS	0.0000015
OCDD	0.000046	NS	0.00010	0.000013 B	NS	**ND(0.0000034)**
Total Dioxins	0.000066	NS	0.00012	0.000016	NS	0.0000022
WHO TEF	0.0000015	NS	0.0000039	0.0000025	NS	0.0000014
Inorganics						
Antimony	ND(14.0)	NS	ND(11.0)	ND(13.0)	NS	ND(11.0)
Arsenic	ND(23.0)	NS	ND(19.0)	ND(21.0)	NS	ND(18.0)
Barium	ND(46.0)	NS	ND(38.0)	59.0	NS	ND(35.0)
Beryllium	0.390	NS	0.250	0.350	NS	ND(0.180)
Cadmium	ND(2.30)	NS	ND(1.90)	ND(2.10)	NS	ND(1.80)
Chromium	14.0	NS	11.0	12.0	NS	ND(4.70)
Cobalt	ND(11.0)	NS	14.0	ND(11.0)	NS	ND(8.90)
Copper	26.0	NS	47.0	ND(21.0)	NS	ND(18.0)
Cyanide	ND(3.00)	NS	ND(1.00)	ND(1.00)	NS	3.40
Lead	32.0	NS	32.0	20.0	NS	4.80
Mercury	ND(0.300)	NS	ND(0.250)	0.880	NS	ND(0.240)
Nickel	19.0	NS	22.0	18.0	NS	ND(7.10)
Selenium	ND(1.10)	NS	ND(0.960)	ND(1.10)	NS	ND(0.890)
Silver	ND(1.10)	NS	ND(0.960)	ND(1.10)	NS	ND(0.890)
Sulfide	ND(7.60)	NS	ND(6.40)	14.0	NS	9.40
Thallium	ND(2.30)	NS	ND(1.90)	**ND(2.10) J**	NS	**ND(1.80) J**
Tin	ND(68.0)	NS	ND(57.0)	ND(64.0)	NS	ND(53.0)
Vanadium	12.0	NS	ND(9.60)	15.0	NS	ND(8.90)
Zinc	78.0	NS	63.0	56.0	NS	14.0

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-20 0-1 12/18/00	20s Complex RAA3-23 0-1 12/26/00	20s Complex RAA3-24 6-8 12/13/00	20s Complex RAA3-24 6-15 12/13/00	20s Complex RAA3-25 1-3 12/13/00
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
1,1,1-Trichloroethane	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
1,1,2,2-Tetrachloroethane	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
1,1,2-Trichloroethane	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
1,1-Dichloroethane	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
1,1-Dichloroethene	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
1,2,3-Trichloropropane	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
1,2-Dibromo-3-chloropropane	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
1,2-Dibromoethane	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
1,2-Dichloroethane	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
1,2-Dichloropropane	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
1,4-Dioxane	**ND(0.20) J**	**ND(0.20) J**	**ND(0.20) J**	NS	NS
2-Butanone	ND(0.10)	ND(0.10)	**ND(0.10) J**	NS	NS
2-Chloro-1,3-butadiene	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
2-Chloroethylvinylether	**ND(0.062) J**	**ND(0.0084) J**	**ND(0.0066) J**	NS	NS
2-Hexanone	ND(0.012)	ND(0.017)	**ND(0.013) J**	NS	NS
3-Chloropropene	ND(0.012)	ND(0.017)	ND(0.013)	NS	NS
4-Methyl-2-pentanone	ND(0.012)	**ND(0.017) J**	ND(0.013)	NS	NS
Acetone	ND(0.10)	ND(0.10)	**ND(0.10) J**	NS	NS
Acetonitrile	ND(0.12)	ND(0.17)	ND(0.13)	NS	NS
Acrolein	**ND(0.0062) J**	**ND(0.17) J**	**ND(0.13) J**	NS	NS
Acrylonitrile	ND(0.012)	ND(0.017)	ND(0.013)	NS	NS
Benzene	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
Bromodichloromethane	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
Bromoform	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
Bromomethane	ND(0.012)	ND(0.017)	ND(0.013)	NS	NS
Carbon Disulfide	ND(0.010)	ND(0.010)	ND(0.010)	NS	NS
Carbon Tetrachloride	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
Chlorobenzene	ND(0.0062)	ND(0.0084)	0.021	NS	NS
Chloroethane	ND(0.012)	ND(0.017)	ND(0.013)	NS	NS
Chloroform	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
Chloromethane	ND(0.012)	ND(0.017)	ND(0.013)	NS	NS
cis-1,3-Dichloropropene	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
Dibromochloromethane	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
Dibromomethane	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
Dichlorodifluoromethane	ND(0.012)	ND(0.017)	ND(0.013)	NS	NS
Ethyl Methacrylate	ND(0.012)	ND(0.017)	ND(0.013)	NS	NS
Ethylbenzene	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
Iodomethane	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
Isobutanol	**ND(0.12) J**	**ND(0.34) J**	**ND(0.26) J**	NS	NS
Methacrylonitrile	ND(0.012)	ND(0.017)	ND(0.013)	NS	NS
Methyl Methacrylate	ND(0.012)	ND(0.017)	ND(0.013)	NS	NS
Methylene Chloride	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
Propionitrile	**ND(0.25) J**	**ND(0.084) J**	**ND(0.066) J**	NS	NS
Styrene	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
Tetrachloroethene	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
Toluene	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
trans-1,2-Dichloroethene	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
trans-1,3-Dichloropropene	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
trans-1,4-Dichloro-2-butene	ND(0.012)	ND(0.017)	ND(0.013)	NS	NS
Trichloroethene	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
Trichlorofluoromethane	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS
Vinyl Acetate	ND(0.012)	ND(0.017)	ND(0.013)	NS	NS
Vinyl Chloride	ND(0.012)	ND(0.017)	ND(0.013)	NS	NS
Xylenes (total)	ND(0.0062)	ND(0.0084)	ND(0.0066)	NS	NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-20 0-1 12/18/00	20s Complex RAA3-23 0-1 12/26/00	20s Complex RAA3-24 6-8 12/13/00	20s Complex RAA3-24 6-15 12/13/00	20s Complex RAA3-25 1-3 12/13/00
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
1,2,4-Trichlorobenzene	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
1,2-Dichlorobenzene	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
1,2-Diphenylhydrazine	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
1,3,5-Trinitrobenzene	**ND(0.83) J**	ND(12)	NS	ND(1.7)	ND(0.87)
1,3-Dichlorobenzene	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
1,3-Dinitrobenzene	ND(2.1)	ND(30)	NS	ND(4.2)	ND(2.2)
1,4-Dichlorobenzene	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
1,4-Naphthoquinone	**ND(30) J**	ND(30)	NS	ND(4.2)	ND(2.2)
1-Naphthylamine	ND(2.1)	ND(30)	NS	ND(2.2)	ND(2.2)
2,3,4,6-Tetrachlorophenol	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
2,4,5-Trichlorophenol	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
2,4,6-Trichlorophenol	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
2,4-Dichlorophenol	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
2,4-Dimethylphenol	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
2,4-Dinitrophenol	ND(2.1)	ND(30)	NS	ND(2.2)	ND(2.2)
2,4-Dinitrotoluene	ND(2.1)	ND(30)	NS	ND(2.2)	ND(2.2)
2,6-Dichlorophenol	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
2,6-Dinitrotoluene	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
2-Acetylaminofluorene	ND(0.83)	ND(12)	NS	**ND(1.7) J**	**ND(0.87) J**
2-Chloronaphthalene	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
2-Chlorophenol	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
2-Methylnaphthalene	ND(0.41)	ND(6.0)	NS	4.7	ND(0.43)
2-Methylphenol	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
2-Naphthylamine	ND(2.1)	ND(30)	NS	ND(2.2)	ND(2.2)
2-Nitroaniline	ND(2.1)	ND(30)	NS	**ND(2.2) J**	**ND(2.2) J**
2-Nitrophenol	ND(0.83)	ND(12)	NS	ND(0.86)	ND(0.87)
2-Picoline	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
3&4-Methylphenol	ND(0.83)	ND(12)	NS	ND(0.86)	ND(0.87)
3,3'-Dichlorobenzidine	ND(2.1)	ND(30)	NS	ND(2.2)	**ND(2.2) J**
3,3'-Dimethylbenzidine	ND(2.1)	ND(30)	NS	ND(4.2)	**ND(2.2) J**
3-Methylcholanthrene	ND(0.83)	ND(12)	NS	ND(0.86)	R
3-Nitroaniline	**ND(2.1) J**	ND(30)	NS	**ND(2.2) J**	**ND(2.2) J**
4,6-Dinitro-2-methylphenol	ND(0.41)	**ND(6.0) J**	NS	ND(0.85)	ND(0.43)
4-Aminobiphenyl	ND(0.83)	ND(12)	NS	ND(1.7)	ND(0.87)
4-Bromophenyl-phenylether	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
4-Chloro-3-Methylphenol	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
4-Chloroaniline	ND(0.83)	ND(12)	NS	ND(0.86)	ND(0.87)
4-Chlorobenzilate	ND(2.1)	ND(30)	NS	ND(4.2)	ND(2.2)
4-Chlorophenyl-phenylether	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
4-Nitroaniline	**ND(2.1) J**	ND(30)	NS	ND(2.2)	ND(2.2)
4-Nitrophenol	ND(2.1)	ND(30)	NS	ND(2.2)	ND(2.2)
4-Nitroquinoline-1-oxide	**ND(2.1) J**	**ND(30) J**	NS	**ND(4.2) J**	**ND(2.2) J**
4-Phenylenediamine	**ND(2.1) J**	ND(30)	NS	ND(4.2)	ND(2.2)
5-Nitro-o-toluidine	ND(2.1)	ND(30)	NS	**ND(4.2) J**	**ND(2.2) J**
7,12-Dimethylbenz(a)anthracene	**ND(0.83) J**	ND(12)	NS	**ND(0.86) J**	R
a,a'-Dimethylphenethylamine	ND(2.1)	ND(30)	NS	ND(4.2)	ND(2.2)
Acenaphthene	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
Acenaphthylene	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
Acetophenone	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
Aniline	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
Anthracene	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
Aramite	ND(0.83)	**ND(12) J**	NS	ND(1.7)	**ND(0.87) J**
Benzidine	**ND(0.83) J**	ND(12)	NS	**ND(0.86) J**	**ND(0.87) J**
Benzo(a)anthracene	0.75	ND(6.0)	NS	ND(0.85)	**0.63 J**
Benzo(a)pyrene	0.68	ND(6.0)	NS	ND(0.85)	**0.75 J**
Benzo(b)fluoranthene	0.50	ND(6.0)	NS	ND(0.85)	**0.66 J**
Benzo(g,h,i)perylene	1.0	ND(6.0)	NS	ND(0.85)	R
Benzo(k)fluoranthene	0.64	ND(6.0)	NS	ND(0.85)	**0.48 J**

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-20 0-1 12/18/00	20s Complex RAA3-23 0-1 12/26/00	20s Complex RAA3-24 6-8 12/13/00	20s Complex RAA3-24 6-15 12/13/00	20s Complex RAA3-25 1-3 12/13/00
Semivolatile Organics (continued)					
Benzyl Alcohol	ND(0.83)	ND(12)	NS	ND(0.86)	ND(0.87)
bis(2-Chloroethoxy)methane	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
bis(2-Chloroethyl)ether	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
bis(2-Chloroisopropyl)ether	ND(0.41)	**ND(6.0) J**	NS	ND(0.85)	ND(0.43)
bis(2-Ethylhexyl)phthalate	ND(0.41)	ND(6.0)	NS	ND(0.85)	**ND(0.43) J**
Butylbenzylphthalate	ND(0.83)	ND(12)	NS	ND(0.86)	**ND(0.87) J**
Chrysene	0.72	ND(6.0)	NS	ND(0.85)	**0.70 J**
Diallate	ND(0.83)	ND(12)	NS	ND(0.86)	ND(0.87)
Dibenzo(a,h)anthracene	**ND(0.83) J**	ND(12)	NS	ND(0.86)	R
Dibenzofuran	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
Diethylphthalate	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
Dimethylphthalate	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
Di-n-Butylphthalate	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
Di-n-Octylphthalate	ND(0.41)	ND(6.0)	NS	ND(0.85)	R
Diphenylamine	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
Ethyl Methanesulfonate	ND(0.41)	**ND(6.0) J**	NS	ND(0.85)	ND(0.43)
Fluoranthene	1.1	ND(6.0)	NS	ND(0.85)	0.96
Fluorene	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
Hexachlorobenzene	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
Hexachlorobutadiene	ND(0.83)	ND(12)	NS	ND(0.86)	ND(0.87)
Hexachlorocyclopentadiene	ND(0.41)	**ND(6.0) J**	NS	ND(0.85)	ND(0.43)
Hexachloroethane	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
Hexachlorophene	ND(0.83)	**ND(12) J**	NS	**ND(1.7) J**	R
Hexachloropropene	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
Indeno(1,2,3-cd)pyrene	ND(0.83)	ND(12)	NS	ND(0.86)	R
Isodrin	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
Isophorone	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
Isosafrole	ND(0.83)	ND(12)	NS	ND(0.86)	ND(0.87)
Methapyrilene	ND(2.1)	**ND(30) J**	NS	ND(4.2)	ND(2.2)
Methyl Methanesulfonate	ND(0.41)	**ND(6.0) J**	NS	ND(0.85)	ND(0.43)
Naphthalene	ND(0.41)	ND(6.0)	NS	5.8	ND(0.43)
Nitrobenzene	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
N-Nitrosodiethylamine	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
N-Nitrosodimethylamine	**ND(0.83) J**	ND(30)	NS	**ND(0.86) J**	**ND(0.87) J**
N-Nitroso-di-n-butylamine	ND(0.83)	**ND(12) J**	NS	ND(0.86)	ND(0.87)
N-Nitroso-di-n-propylamine	ND(0.83)	**ND(12) J**	NS	ND(0.86)	ND(0.87)
N-Nitrosodiphenylamine	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
N-Nitrosomethylethylamine	ND(0.83)	ND(6.0)	NS	ND(1.7)	ND(0.87)
N-Nitrosomorpholine	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
N-Nitrosopiperidine	ND(0.41)	**ND(6.0) J**	NS	ND(0.85)	ND(0.43)
N-Nitrosopyrrolidine	ND(0.83)	ND(12)	NS	ND(0.86)	ND(0.87)
o,o,o-Triethylphosphorothioate	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
o-Toluidine	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
p-Dimethylaminoazobenzene	ND(2.1)	ND(30)	NS	ND(4.2)	ND(2.2)
Pentachlorobenzene	ND(0.41)	ND(6.0)	NS	ND(0.85)	0.46
Pentachloroethane	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
Pentachloronitrobenzene	ND(2.1)	**ND(2.1) J**	NS	**ND(4.2) J**	**ND(2.2) J**
Pentachlorophenol	ND(2.1)	ND(30)	NS	ND(2.2)	ND(2.2)
Phenacetin	ND(2.1)	ND(30)	NS	ND(4.2)	ND(2.2)
Phenanthrene	0.42	ND(6.0)	NS	ND(0.85)	0.69
Phenol	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
Pronamide	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
Pyrene	1.1	ND(6.0)	NS	ND(0.85)	**0.82 J**
Pyridine	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
Safrole	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)
Thionazin	ND(0.41)	ND(6.0)	NS	ND(0.85)	ND(0.43)

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-20 0-1 12/18/00	20s Complex RAA3-23 0-1 12/26/00	20s Complex RAA3-24 6-8 12/13/00	20s Complex RAA3-24 6-15 12/13/00	20s Complex RAA3-25 1-3 12/13/00
Furans					
2,3,7,8-TCDF	0.0000060	0.00000070	NS	**0.0000032 J**	**ND(0.0000020) J**
TCDFs (total)	0.000024	0.0000064	NS	0.0000082	ND(0.0000020)
1,2,3,7,8-PeCDF	0.0000025	0.00000042 J	NS	0.0000018 w	0.0000072 w
2,3,4,7,8-PeCDF	0.0000021 J	0.0000014 J	NS	0.0000018	0.0000075
PeCDFs (total)	0.000016	0.000016	NS	0.0000099	0.0000075
1,2,3,4,7,8-HxCDF	0.0000016 J	0.00000064 J	NS	**0.000018 J**	**0.000041 J**
1,2,3,6,7,8-HxCDF	0.0000012 J	0.00000072 J	NS	**ND(0.0000022) J**	**ND(0.0000067) J**
1,2,3,7,8,9-HxCDF	ND(0.00000011)	0.00000022 J	NS	**ND(0.0000028) J**	**ND(0.0000086) J**
2,3,4,6,7,8-HxCDF	0.00000082 J	0.0000016 J	NS	**ND(0.0000022) J**	**ND(0.0000067) J**
HxCDFs (total)	0.000012	0.000022	NS	0.0000079	ND(0.0000067)
1,2,3,4,6,7,8-HpCDF	0.0000015 J	0.0000034	NS	0.0000050	0.000024
1,2,3,4,7,8,9-HpCDF	0.00000016 J	0.00000028 J	NS	0.0000020	0.0000067
HpCDFs (total)	0.0000027	0.0000075	NS	0.0000079	0.000035
OCDF	0.00000066 w	0.0000032 J	NS	0.000013	0.000090
Total Furans	0.000055	0.000055	NS	0.000047	0.00013
Dioxins					
2,3,7,8-TCDD	0.00000018 w	0.00000022 w	NS	ND(0.00000022)	ND(0.00000073)
TCDDs (total)	0.000018	0.00000014	NS	ND(0.00000022)	ND(0.00000073)
1,2,3,7,8-PeCDD	0.00000044 J	**ND(0.00000022)**	NS	ND(0.0000014)	ND(0.000032)
PeCDDs (total)	0.000016	0.00000036	NS	ND(0.0000014)	ND(0.000032)
1,2,3,4,7,8-HxCDD	0.00000031 J	0.00000016 J	NS	ND(0.0000015)	ND(0.0000076)
1,2,3,6,7,8-HxCDD	0.00000062 J	0.00000044 w	NS	ND(0.0000014)	ND(0.0000072)
1,2,3,7,8,9-HxCDD	0.00000041 J	0.00000031 w	NS	ND(0.0000014)	ND(0.0000071)
HxCDDs (total)	0.000013	0.0000020	NS	ND(0.0000014)	ND(0.0000072)
1,2,3,4,6,7,8-HpCDD	0.0000032	0.0000070	NS	0.0000021	0.0000070
HpCDDs (total)	0.0000058	0.000013	NS	0.0000021	0.0000070
OCDD	0.000012	0.000044	NS	0.000015 B	0.000066 B
Total Dioxins	0.000065	0.000060	NS	0.000017	0.000073
WHO TEF	0.0000029	0.0000016	NS	0.0000046	0.000027
Inorganics					
Antimony	ND(11.0)	ND(14.0)	NS	**ND(11.0) J**	**ND(12.0) J**
Arsenic	ND(19.0)	ND(22.0)	NS	ND(19.0)	ND(19.0)
Barium	ND(37.0)	91.0	NS	ND(38.0)	ND(39.0)
Beryllium	ND(0.190)	0.410	NS	**ND(0.510)**	**ND(0.240)**
Cadmium	ND(1.90)	ND(2.20)	NS	ND(1.90)	ND(1.90)
Chromium	6.20	17.0	NS	10.0	11.0
Cobalt	ND(9.30)	12.0	NS	11.0	ND(9.70)
Copper	26.0	24.0	NS	23.0	ND(19.0)
Cyanide	ND(1.00)	ND(1.00)	NS	ND(1.00)	3.20
Lead	16.0	25.0	NS	17.0	25.0
Mercury	ND(0.250)	ND(0.300)	NS	ND(0.260)	ND(0.260)
Nickel	14.0	21.0	NS	17.0	15.0
Selenium	ND(0.930)	ND(1.10)	NS	**ND(0.960) J**	**ND(0.970) J**
Silver	ND(0.930)	ND(1.10)	NS	ND(0.960)	ND(0.970)
Sulfide	9.90	28.0	NS	**ND(6.40) J**	**ND(6.50) J**
Thallium	ND(1.90)	ND(2.20)	NS	**ND(1.90) J**	**ND(1.90) J**
Tin	ND(56.0)	ND(68.0)	NS	ND(57.0)	ND(58.0)
Vanadium	ND(9.30)	16.0	NS	9.90	11.0
Zinc	41.0	73.0	NS	60.0	57.0

TABLE 2-2

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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-25 2-3 12/13/00	20s Complex RAA3-26 1-3.8 12/26/00	20s Complex RAA3-26 2-3.8 12/26/00	20s Complex RAA3-27 0-1 12/12/00
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
1,1,1-Trichloroethane	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
1,1,2,2-Tetrachloroethane	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
1,1,2-Trichloroethane	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
1,1-Dichloroethane	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
1,1-Dichloroethene	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
1,2,3-Trichloropropane	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
1,2-Dibromo-3-chloropropane	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
1,2-Dibromoethane	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
1,2-Dichloroethane	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
1,2-Dichloropropane	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
1,4-Dioxane	**ND(0.20) J [ND(0.20) J]**	NS	**ND(0.20) J**	**ND(0.20) J**
2-Butanone	**ND(0.10) J [ND(0.10) J]**	NS	ND(0.10)	ND(0.10)
2-Chloro-1,3-butadiene	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
2-Chloroethylvinylether	**ND(0.0068) J [ND(0.0065) J]**	NS	**ND(0.0066) J**	**ND(0.0082) J**
2-Hexanone	**ND(0.014) J [ND(0.013) J]**	NS	ND(0.013)	ND(0.016)
3-Chloropropene	ND(0.014) [ND(0.013)]	NS	ND(0.013)	ND(0.016)
4-Methyl-2-pentanone	ND(0.014) [ND(0.013)]	NS	**ND(0.013) J**	ND(0.016)
Acetone	**ND(0.10) J [ND(0.10) J]**	NS	ND(0.10)	ND(0.10)
Acetonitrile	ND(0.14) [ND(0.13)]	NS	ND(0.13)	ND(0.16)
Acrolein	**ND(0.14) J [ND(0.13) J]**	NS	**ND(0.13) J**	**ND(0.16) J**
Acrylonitrile	ND(0.014) [ND(0.013)]	NS	ND(0.013)	ND(0.016)
Benzene	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
Bromodichloromethane	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
Bromoform	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
Bromomethane	ND(0.014) [ND(0.013)]	NS	ND(0.013)	ND(0.016)
Carbon Disulfide	ND(0.010) [ND(0.010)]	NS	ND(0.010)	ND(0.010)
Carbon Tetrachloride	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
Chlorobenzene	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
Chloroethane	ND(0.014) [ND(0.013)]	NS	ND(0.013)	ND(0.016)
Chloroform	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
Chloromethane	ND(0.014) [ND(0.013)]	NS	ND(0.013)	ND(0.016)
cis-1,3-Dichloropropene	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
Dibromochloromethane	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
Dibromomethane	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
Dichlorodifluoromethane	ND(0.014) [ND(0.013)]	NS	ND(0.013)	ND(0.016)
Ethyl Methacrylate	ND(0.014) [ND(0.013)]	NS	ND(0.013)	ND(0.016)
Ethylbenzene	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
Iodomethane	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
Isobutanol	**ND(0.27) J [ND(0.26) J]**	NS	**ND(0.26) J**	**ND(0.33) J**
Methacrylonitrile	ND(0.014) [ND(0.013)]	NS	ND(0.013)	ND(0.016)
Methyl Methacrylate	ND(0.014) [ND(0.013)]	NS	ND(0.013)	ND(0.016)
Methylene Chloride	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
Propionitrile	**ND(0.068) J [ND(0.065) J]**	NS	**ND(0.066) J**	**ND(0.082) J**
Styrene	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
Tetrachloroethene	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
Toluene	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
trans-1,2-Dichloroethene	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
trans-1,3-Dichloropropene	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
trans-1,4-Dichloro-2-butene	ND(0.014) [ND(0.013)]	NS	ND(0.013)	ND(0.016)
Trichloroethene	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
Trichlorofluoromethane	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)
Vinyl Acetate	ND(0.014) [ND(0.013)]	NS	ND(0.013)	ND(0.016)
Vinyl Chloride	ND(0.014) [ND(0.013)]	NS	ND(0.013)	ND(0.016)
Xylenes (total)	ND(0.0068) [ND(0.0065)]	NS	ND(0.0066)	ND(0.0082)

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-25 2-3 12/13/00	20s Complex RAA3-26 1-3.8 12/26/00	20s Complex RAA3-26 2-3.8 12/26/00	20s Complex RAA3-27 0-1 12/12/00
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	NS	ND(2.5)	NS	ND(0.52)
1,2,4-Trichlorobenzene	NS	ND(2.5)	NS	ND(0.52)
1,2-Dichlorobenzene	NS	ND(2.5)	NS	ND(0.52)
1,2-Diphenylhydrazine	NS	ND(2.5)	NS	ND(0.52)
1,3,5-Trinitrobenzene	NS	ND(5.0)	NS	ND(1.0)
1,3-Dichlorobenzene	NS	ND(2.5)	NS	ND(0.52)
1,3-Dinitrobenzene	NS	ND(12)	NS	ND(2.6)
1,4-Dichlorobenzene	NS	ND(2.5)	NS	ND(0.52)
1,4-Naphthoquinone	NS	**ND(12) J**	NS	ND(2.6)
1-Naphthylamine	NS	ND(12)	NS	ND(2.6)
2,3,4,6-Tetrachlorophenol	NS	ND(2.5)	NS	ND(0.52)
2,4,5-Trichlorophenol	NS	ND(2.5)	NS	ND(0.52)
2,4,6-Trichlorophenol	NS	ND(2.5)	NS	ND(0.52)
2,4-Dichlorophenol	NS	ND(2.5)	NS	ND(0.52)
2,4-Dimethylphenol	NS	ND(2.5)	NS	ND(0.52)
2,4-Dinitrophenol	NS	ND(12)	NS	ND(2.6)
2,4-Dinitrotoluene	NS	ND(12)	NS	ND(2.6)
2,6-Dichlorophenol	NS	ND(2.5)	NS	ND(0.52)
2,6-Dinitrotoluene	NS	ND(2.5)	NS	ND(0.52)
2-Acetylaminofluorene	NS	ND(5.0)	NS	**ND(1.0) J**
2-Chloronaphthalene	NS	ND(2.5)	NS	ND(0.52)
2-Chlorophenol	NS	ND(2.5)	NS	ND(0.52)
2-Methylnaphthalene	NS	ND(2.5)	NS	ND(0.52)
2-Methylphenol	NS	ND(2.5)	NS	ND(0.52)
2-Naphthylamine	NS	ND(12)	NS	ND(2.6)
2-Nitroaniline	NS	ND(12)	NS	**ND(2.6) J**
2-Nitrophenol	NS	ND(5.0)	NS	ND(1.0)
2-Picoline	NS	ND(2.5)	NS	ND(0.52)
3&4-Methylphenol	NS	ND(5.0)	NS	ND(1.0)
3,3'-Dichlorobenzidine	NS	ND(12)	NS	ND(2.6)
3,3'-Dimethylbenzidine	NS	ND(12)	NS	ND(2.6)
3-Methylcholanthrene	NS	ND(5.0)	NS	ND(1.0)
3-Nitroaniline	NS	ND(12)	NS	**ND(2.6) J**
4,6-Dinitro-2-methylphenol	NS	**ND(2.5) J**	NS	ND(0.52)
4-Aminobiphenyl	NS	ND(5.0)	NS	ND(1.0)
4-Bromophenyl-phenylether	NS	ND(2.5)	NS	ND(0.52)
4-Chloro-3-Methylphenol	NS	ND(2.5)	NS	ND(0.52)
4-Chloroaniline	NS	ND(5.0)	NS	ND(1.0)
4-Chlorobenzilate	NS	ND(12)	NS	ND(2.6)
4-Chlorophenyl-phenylether	NS	ND(2.5)	NS	ND(0.52)
4-Nitroaniline	NS	ND(12)	NS	ND(2.6)
4-Nitrophenol	NS	ND(12)	NS	ND(2.6)
4-Nitroquinoline-1-oxide	NS	**ND(12) J**	NS	**ND(2.6) J**
4-Phenylenediamine	NS	ND(12)	NS	ND(2.6)
5-Nitro-o-toluidine	NS	ND(12)	NS	**ND(2.6) J**
7,12-Dimethylbenz(a)anthracene	NS	ND(5.0)	NS	**ND(1.0) J**
a,a'-Dimethylphenethylamine	NS	ND(12)	NS	ND(2.6)
Acenaphthene	NS	ND(2.5)	NS	ND(0.52)
Acenaphthylene	NS	ND(2.5)	NS	ND(0.52)
Acetophenone	NS	ND(2.5)	NS	ND(0.52)
Aniline	NS	ND(2.5)	NS	ND(0.52)
Anthracene	NS	ND(2.5)	NS	0.52
Aramite	NS	**ND(5.0) J**	NS	ND(1.0)
Benzidine	NS	ND(5.0)	NS	**ND(1.0) J**
Benzo(a)anthracene	NS	ND(2.5)	NS	1.3
Benzo(a)pyrene	NS	ND(2.5)	NS	1.1
Benzo(b)fluoranthene	NS	ND(2.5)	NS	0.76
Benzo(g,h,i)perylene	NS	ND(2.5)	NS	ND(0.52)
Benzo(k)fluoranthene	NS	ND(2.5)	NS	0.84

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-25 2-3 12/13/00	20s Complex RAA3-26 1-3.8 12/26/00	20s Complex RAA3-26 2-3.8 12/26/00	20s Complex RAA3-27 0-1 12/12/00
Semivolatile Organics (continued)				
Benzyl Alcohol	NS	ND(5.0)	NS	ND(1.0)
bis(2-Chloroethoxy)methane	NS	ND(2.5)	NS	ND(0.52)
bis(2-Chloroethyl)ether	NS	ND(2.5)	NS	ND(0.52)
bis(2-Chloroisopropyl)ether	NS	**ND(2.5) J**	NS	ND(0.52)
bis(2-Ethylhexyl)phthalate	NS	ND(2.5)	NS	ND(0.52)
Butylbenzylphthalate	NS	ND(5.0)	NS	ND(1.0)
Chrysene	NS	ND(2.5)	NS	1.1
Diallate	NS	ND(5.0)	NS	ND(1.0)
Dibenzo(a,h)anthracene	NS	ND(5.0)	NS	**ND(1.0) J**
Dibenzofuran	NS	ND(2.5)	NS	ND(0.52)
Diethylphthalate	NS	ND(2.5)	NS	ND(0.52)
Dimethylphthalate	NS	ND(2.5)	NS	ND(0.52)
Di-n-Butylphthalate	NS	ND(2.5)	NS	ND(0.52)
Di-n-Octylphthalate	NS	ND(2.5)	NS	ND(0.52)
Diphenylamine	NS	ND(2.5)	NS	ND(0.52)
Ethyl Methanesulfonate	NS	**ND(2.5) J**	NS	ND(0.52)
Fluoranthene	NS	ND(2.5)	NS	2.9
Fluorene	NS	ND(2.5)	NS	ND(0.52)
Hexachlorobenzene	NS	ND(2.5)	NS	ND(0.52)
Hexachlorobutadiene	NS	ND(5.0)	NS	ND(1.0)
Hexachlorocyclopentadiene	NS	**ND(2.5) J**	NS	ND(0.52)
Hexachloroethane	NS	ND(2.5)	NS	ND(0.52)
Hexachlorophene	NS	**ND(5.0) J**	NS	**ND(1.0) J**
Hexachloropropene	NS	ND(2.5)	NS	ND(0.52)
Indeno(1,2,3-cd)pyrene	NS	ND(5.0)	NS	ND(1.0)
Isodrin	NS	ND(2.5)	NS	ND(0.52)
Isophorone	NS	ND(2.5)	NS	ND(0.52)
Isosafrole	NS	ND(5.0)	NS	ND(1.0)
Methapyrilene	NS	**ND(12) J**	NS	ND(2.6)
Methyl Methanesulfonate	NS	**ND(2.5) J**	NS	ND(0.52)
Naphthalene	NS	ND(2.5)	NS	ND(0.52)
Nitrobenzene	NS	ND(2.5)	NS	ND(0.52)
N-Nitrosodiethylamine	NS	ND(2.5)	NS	ND(0.52)
N-Nitrosodimethylamine	NS	ND(12)	NS	**ND(1.0) J**
N-Nitroso-di-n-butylamine	NS	**ND(5.0) J**	NS	ND(1.0)
N-Nitroso-di-n-propylamine	NS	**ND(5.0) J**	NS	ND(1.0)
N-Nitrosodiphenylamine	NS	ND(2.5)	NS	ND(0.52)
N-Nitrosomethylethylamine	NS	ND(2.5)	NS	ND(1.0)
N-Nitrosomorpholine	NS	ND(2.5)	NS	ND(0.52)
N-Nitrosopiperidine	NS	**ND(2.5) J**	NS	ND(0.52)
N-Nitrosopyrrolidine	NS	ND(5.0)	NS	ND(1.0)
o,o,o-Triethylphosphorothioate	NS	ND(2.5)	NS	ND(0.52)
o-Toluidine	NS	ND(2.5)	NS	ND(0.52)
p-Dimethylaminoazobenzene	NS	ND(12)	NS	ND(2.6)
Pentachlorobenzene	NS	ND(2.5)	NS	ND(0.52)
Pentachloroethane	NS	ND(2.5)	NS	ND(0.52)
Pentachloronitrobenzene	NS	ND(12)	NS	**ND(2.6) J**
Pentachlorophenol	NS	ND(12)	NS	ND(2.6)
Phenacetin	NS	ND(12)	NS	ND(2.6)
Phenanthrene	NS	ND(2.5)	NS	2.5
Phenol	NS	ND(2.5)	NS	ND(0.52)
Pronamide	NS	ND(2.5)	NS	ND(0.52)
Pyrene	NS	ND(2.5)	NS	2.2
Pyridine	NS	ND(2.5)	NS	ND(0.52)
Safrole	NS	ND(2.5)	NS	ND(0.52)
Thionazin	NS	ND(2.5)	NS	ND(0.52)

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-25 2-3 12/13/00	20s Complex RAA3-26 1-3.8 12/26/00	20s Complex RAA3-26 2-3.8 12/26/00	20s Complex RAA3-27 0-1 12/12/00
Furans				
2,3,7,8-TCDF	NS	0.000036	NS	ND(0.00000062)
TCDFs (total)	NS	0.00037	NS	0.000014
1,2,3,7,8-PeCDF	NS	0.000022 I	NS	0.000016 w
2,3,4,7,8-PeCDF	NS	0.00014	NS	ND(0.0000012)
PeCDFs (total)	NS	0.0017 I	NS	0.00013
1,2,3,4,7,8-HxCDF	NS	0.000053	NS	ND(0.0000034)
1,2,3,6,7,8-HxCDF	NS	0.000057	NS	ND(0.0000030)
1,2,3,7,8,9-HxCDF	NS	0.000017	NS	ND(0.0000042)
2,3,4,6,7,8-HxCDF	NS	0.00023	NS	ND(0.0000032)
HxCDFs (total)	NS	0.0028 I	NS	0.00022
1,2,3,4,6,7,8-HpCDF	NS	0.00020	NS	0.000034
1,2,3,4,7,8,9-HpCDF	NS	0.000022	NS	0.0000026
HpCDFs (total)	NS	0.00056	NS	0.000036
OCDF	NS	0.000084	NS	**ND(0.000011)**
Total Furans	NS	0.0055	NS	0.00040
Dioxins				
2,3,7,8-TCDD	NS	0.00000038 w	NS	ND(0.00000046)
TCDDs (total)	NS	0.0000040	NS	ND(0.00000046)
1,2,3,7,8-PeCDD	NS	0.0000018 w	NS	ND(0.0000010)
PeCDDs (total)	NS	0.0000055 I	NS	ND(0.0000010)
1,2,3,4,7,8-HxCDD	NS	0.0000038	NS	ND(0.00000092)
1,2,3,6,7,8-HxCDD	NS	0.0000036	NS	ND(0.00000074)
1,2,3,7,8,9-HxCDD	NS	0.0000023	NS	ND(0.00000078)
HxCDDs (total)	NS	0.000044	NS	ND(0.00000074)
1,2,3,4,6,7,8-HpCDD	NS	0.000033	NS	0.0000074
HpCDDs (total)	NS	0.000070	NS	0.000023
OCDD	NS	0.000082	NS	0.000052 B
Total Dioxins	NS	0.00021	NS	0.000075
WHO TEF	NS	0.00012	NS	0.0000031
Inorganics				
Antimony	NS	ND(11.0)	NS	ND(14.0)
Arsenic	NS	ND(19.0)	NS	ND(23.0)
Barium	NS	ND(37.0)	NS	49.0
Beryllium	NS	0.210	NS	0.560
Cadmium	NS	ND(1.90)	NS	ND(2.30)
Chromium	NS	8.60	NS	13.0
Cobalt	NS	ND(9.30)	NS	ND(12.0)
Copper	NS	ND(19.0)	NS	ND(23.0)
Cyanide	NS	ND(1.00)	NS	ND(1.00)
Lead	NS	4.80	NS	37.0
Mercury	NS	ND(0.250)	NS	ND(0.200)
Nickel	NS	11.0	NS	18.0
Selenium	NS	ND(0.930)	NS	ND(1.20)
Silver	NS	ND(0.930)	NS	ND(1.20)
Sulfide	NS	18.0	NS	ND(7.70)
Thallium	NS	ND(1.90)	NS	**ND(2.30) J**
Tin	NS	ND(56.0)	NS	ND(70.0)
Vanadium	NS	10.0	NS	15.0
Zinc	NS	34.0	NS	93.0

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: Sample ID: Sample Depth(Feet): Parameter Date Collected:	20s Complex RAA3-28 6-15 12/12/00	20s Complex RAA3-28 14-15 12/12/00	20s Complex RAA3-29 1-6 12/08/00	20s Complex RAA3-29 4-6 12/08/00	20s Complex RAA3-30 6-15 01/11/01
Volatile Organics					
1,1,1,2-Tetrachloroethane	NS	ND(0.0095)	NS	ND(0.0064)	NS
1,1,1-Trichloroethane	NS	ND(0.0095)	NS	ND(0.0064)	NS
1,1,2,2-Tetrachloroethane	NS	ND(0.0095)	NS	ND(0.0064)	NS
1,1,2-Trichloroethane	NS	ND(0.0095)	NS	ND(0.0064)	NS
1,1-Dichloroethane	NS	ND(0.0095)	NS	ND(0.0064)	NS
1,1-Dichloroethene	NS	ND(0.0095)	NS	ND(0.0064)	NS
1,2,3-Trichloropropane	NS	ND(0.0095)	NS	ND(0.0064)	NS
1,2-Dibromo-3-chloropropane	NS	ND(0.0095)	NS	ND(0.0064)	NS
1,2-Dibromoethane	NS	ND(0.0095)	NS	ND(0.0064)	NS
1,2-Dichloroethane	NS	ND(0.0095)	NS	ND(0.0064)	NS
1,2-Dichloropropane	NS	ND(0.0095)	NS	ND(0.0064)	NS
1,4-Dioxane	NS	**ND(0.20) J**	NS	**ND(0.20) J**	NS
2-Butanone	NS	ND(0.10)	NS	ND(0.10)	NS
2-Chloro-1,3-butadiene	NS	ND(0.0095)	NS	ND(0.0064)	NS
2-Chloroethylvinylether	NS	**ND(0.0095) J**	NS	**ND(0.0064) J**	NS
2-Hexanone	NS	ND(0.019)	NS	ND(0.013)	NS
3-Chloropropene	NS	ND(0.019)	NS	ND(0.013)	NS
4-Methyl-2-pentanone	NS	ND(0.019)	NS	ND(0.013)	NS
Acetone	NS	ND(0.10)	NS	ND(0.10)	NS
Acetonitrile	NS	ND(0.19)	NS	ND(0.13)	NS
Acrolein	NS	**ND(0.19) J**	NS	**ND(0.13) J**	NS
Acrylonitrile	NS	ND(0.019)	NS	ND(0.013)	NS
Benzene	NS	ND(0.0095)	NS	ND(0.0064)	NS
Bromodichloromethane	NS	ND(0.0095)	NS	ND(0.0064)	NS
Bromoform	NS	ND(0.0095)	NS	ND(0.0064)	NS
Bromomethane	NS	ND(0.019)	NS	ND(0.013)	NS
Carbon Disulfide	NS	ND(0.010)	NS	ND(0.010)	NS
Carbon Tetrachloride	NS	ND(0.0095)	NS	ND(0.0064)	NS
Chlorobenzene	NS	ND(0.0095)	NS	ND(0.0064)	NS
Chloroethane	NS	ND(0.019)	NS	ND(0.013)	NS
Chloroform	NS	ND(0.0095)	NS	ND(0.0064)	NS
Chloromethane	NS	ND(0.019)	NS	ND(0.013)	NS
cis-1,3-Dichloropropene	NS	ND(0.0095)	NS	ND(0.0064)	NS
Dibromochloromethane	NS	ND(0.0095)	NS	ND(0.0064)	NS
Dibromomethane	NS	ND(0.0095)	NS	ND(0.0064)	NS
Dichlorodifluoromethane	NS	ND(0.019)	NS	ND(0.013)	NS
Ethyl Methacrylate	NS	ND(0.019)	NS	ND(0.013)	NS
Ethylbenzene	NS	ND(0.0095)	NS	ND(0.0064)	NS
Iodomethane	NS	ND(0.0095)	NS	ND(0.0064)	NS
Isobutanol	NS	**ND(0.38) J**	NS	**ND(0.26) J**	NS
Methacrylonitrile	NS	ND(0.019)	NS	ND(0.013)	NS
Methyl Methacrylate	NS	ND(0.019)	NS	ND(0.013)	NS
Methylene Chloride	NS	ND(0.0095)	NS	ND(0.0064)	NS
Propionitrile	NS	**ND(0.095) J**	NS	**ND(0.064) J**	NS
Styrene	NS	ND(0.0095)	NS	ND(0.0064)	NS
Tetrachloroethene	NS	ND(0.0095)	NS	ND(0.0064)	NS
Toluene	NS	ND(0.0095)	NS	ND(0.0064)	NS
trans-1,2-Dichloroethene	NS	ND(0.0095)	NS	ND(0.0064)	NS
trans-1,3-Dichloropropene	NS	ND(0.0095)	NS	ND(0.0064)	NS
trans-1,4-Dichloro-2-butene	NS	ND(0.019)	NS	ND(0.013)	NS
Trichloroethene	NS	ND(0.0095)	NS	ND(0.0064)	NS
Trichlorofluoromethane	NS	ND(0.0095)	NS	**ND(0.0064) J**	NS
Vinyl Acetate	NS	ND(0.019)	NS	ND(0.013)	NS
Vinyl Chloride	NS	ND(0.019)	NS	ND(0.013)	NS
Xylenes (total)	NS	ND(0.0095)	NS	ND(0.0064)	NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-28 6-15 12/12/00	20s Complex RAA3-28 14-15 12/12/00	20s Complex RAA3-29 1-6 12/08/00	20s Complex RAA3-29 4-6 12/08/00	20s Complex RAA3-30 6-15 01/11/01
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
1,2,4-Trichlorobenzene	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
1,2-Dichlorobenzene	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
1,2-Diphenylhydrazine	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
1,3,5-Trinitrobenzene	ND(0.83) [ND(0.78)]	NS	ND(0.84)	NS	ND(0.87)
1,3-Dichlorobenzene	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
1,3-Dinitrobenzene	ND(2.1) [ND(2.0)]	NS	ND(2.1)	NS	ND(2.2)
1,4-Dichlorobenzene	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
1,4-Naphthoquinone	ND(2.1) [ND(2.0)]	NS	ND(2.1)	NS	ND(2.2)
1-Naphthylamine	ND(2.1) [ND(2.0)]	NS	ND(2.1)	NS	ND(2.2)
2,3,4,6-Tetrachlorophenol	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
2,4,5-Trichlorophenol	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
2,4,6-Trichlorophenol	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
2,4-Dichlorophenol	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
2,4-Dimethylphenol	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
2,4-Dinitrophenol	ND(2.1) [ND(2.0)]	NS	ND(2.1)	NS	ND(2.2)
2,4-Dinitrotoluene	ND(2.1) [ND(2.0)]	NS	ND(2.1)	NS	ND(2.2)
2,6-Dichlorophenol	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
2,6-Dinitrotoluene	ND(0.41) [ND(0.39)]	NS	**ND(0.42) J**	NS	ND(0.43)
2-Acetylaminofluorene	**ND(0.83) J [ND(0.78) J]**	NS	**ND(0.84) J**	NS	**ND(0.87) J**
2-Chloronaphthalene	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
2-Chlorophenol	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
2-Methylnaphthalene	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
2-Methylphenol	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
2-Naphthylamine	ND(2.1) [ND(2.0)]	NS	ND(2.1)	NS	ND(2.2)
2-Nitroaniline	**ND(2.1) J [ND(2.0) J]**	NS	**ND(2.1) J**	NS	ND(2.2)
2-Nitrophenol	ND(0.83) [ND(0.78)]	NS	ND(0.84)	NS	ND(0.87)
2-Picoline	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
3&4-Methylphenol	ND(0.83) [ND(0.78)]	NS	ND(0.84)	NS	ND(0.87)
3,3'-Dichlorobenzidine	ND(2.1) [ND(2.0)]	NS	ND(2.1)	NS	ND(2.2)
3,3'-Dimethylbenzidine	ND(2.1) [ND(2.0)]	NS	ND(2.1)	NS	ND(2.2)
3-Methylcholanthrene	ND(0.83) [ND(0.78)]	NS	ND(0.84)	NS	**ND(0.87) J**
3-Nitroaniline	**ND(2.1) J [ND(2.0) J]**	NS	ND(2.1)	NS	ND(2.2)
4,6-Dinitro-2-methylphenol	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
4-Aminobiphenyl	ND(0.83) [ND(0.78)]	NS	ND(0.84)	NS	ND(0.87)
4-Bromophenyl-phenylether	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
4-Chloro-3-Methylphenol	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
4-Chloroaniline	ND(0.83) [ND(0.78)]	NS	ND(0.84)	NS	ND(0.87)
4-Chlorobenzilate	ND(2.1) [ND(2.0)]	NS	ND(2.1)	NS	ND(2.2)
4-Chlorophenyl-phenylether	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
4-Nitroaniline	ND(2.1) [ND(2.0)]	NS	ND(2.1)	NS	ND(2.2)
4-Nitrophenol	ND(2.1) [ND(2.0)]	NS	ND(2.1)	NS	ND(2.2)
4-Nitroquinoline-1-oxide	**ND(2.1) J [ND(2.0) J]**	NS	**ND(2.1) J**	NS	**ND(2.2) J**
4-Phenylenediamine	ND(2.1) [ND(2.0)]	NS	ND(2.1)	NS	ND(2.2)
5-Nitro-o-toluidine	**ND(2.1) J [ND(2.0) J]**	NS	**ND(2.1) J**	NS	ND(2.2)
7,12-Dimethylbenz(a)anthracene	**ND(0.83) J [ND(0.78) J]**	NS	**ND(0.84) J**	NS	**ND(0.87) J**
a,a'-Dimethylphenethylamine	ND(2.1) [ND(2.0)]	NS	ND(2.1)	NS	ND(2.2)
Acenaphthene	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Acenaphthylene	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Acetophenone	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Aniline	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Anthracene	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Aramite	ND(0.83) [ND(0.78)]	NS	ND(0.84)	NS	**ND(0.87) J**
Benzidine	**ND(0.83) J [ND(0.78) J]**	NS	**ND(0.84) J**	NS	**ND(0.87) J**
Benzo(a)anthracene	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Benzo(a)pyrene	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	**ND(0.43) J**
Benzo(b)fluoranthene	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	**ND(0.42) J**
Benzo(g,h,i)perylene	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	**ND(0.43) J**
Benzo(k)fluoranthene	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	**ND(0.43) J**

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-28 6-15 12/12/00	20s Complex RAA3-28 14-15 12/12/00	20s Complex RAA3-29 1-6 12/08/00	20s Complex RAA3-29 4-6 12/08/00	20s Complex RAA3-30 6-15 01/11/01
Semivolatile Organics (continued)					
Benzyl Alcohol	ND(0.83) [ND(0.78)]	NS	ND(0.84)	NS	ND(0.87)
bis(2-Chloroethoxy)methane	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
bis(2-Chloroethyl)ether	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
bis(2-Chloroisopropyl)ether	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
bis(2-Ethylhexyl)phthalate	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Butylbenzylphthalate	ND(0.83) [ND(0.78)]	NS	ND(0.84)	NS	**ND(0.87) J**
Chrysene	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Diallate	ND(0.83) [ND(0.78)]	NS	ND(0.84)	NS	ND(0.87)
Dibenzo(a,h)anthracene	**ND(0.83) J [ND(0.78) J]**	NS	**ND(0.84) J**	NS	**ND(0.87) J**
Dibenzofuran	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Diethylphthalate	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Dimethylphthalate	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Di-n-Butylphthalate	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Di-n-Octylphthalate	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	**ND(0.43) J**
Diphenylamine	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Ethyl Methanesulfonate	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Fluoranthene	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Fluorene	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Hexachlorobenzene	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Hexachlorobutadiene	ND(0.83) [ND(0.78)]	NS	ND(0.84)	NS	ND(0.87)
Hexachlorocyclopentadiene	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Hexachloroethane	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Hexachlorophene	**ND(0.83) J [ND(0.78) J]**	NS	**ND(0.84) J**	NS	**ND(0.87) J**
Hexachloropropene	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Indeno(1,2,3-cd)pyrene	ND(0.83) [ND(0.78)]	NS	ND(0.84)	NS	**ND(0.87) J**
Isodrin	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Isophorone	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Isosafrole	ND(0.83) [ND(0.78)]	NS	ND(0.84)	NS	ND(0.87)
Methapyrilene	ND(2.1) [ND(2.0)]	NS	ND(2.1)	NS	**ND(2.2) J**
Methyl Methanesulfonate	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Naphthalene	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Nitrobenzene	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
N-Nitrosodiethylamine	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
N-Nitrosodimethylamine	**ND(0.83) J [ND(0.78) J]**	NS	**ND(0.84) J**	NS	ND(2.1)
N-Nitroso-di-n-butylamine	ND(0.83) [ND(0.78)]	NS	ND(0.84)	NS	ND(0.87)
N-Nitroso-di-n-propylamine	ND(0.83) [ND(0.78)]	NS	ND(0.84)	NS	ND(0.87)
N-Nitrosodiphenylamine	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
N-Nitrosomethylethylamine	ND(0.83) [ND(0.78)]	NS	ND(0.84)	NS	ND(0.87)
N-Nitrosomorpholine	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
N-Nitrosopiperidine	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
N-Nitrosopyrrolidine	ND(0.83) [ND(0.78)]	NS	ND(0.84)	NS	**ND(0.87) J**
o,o,o-Triethylphosphorothioate	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
o-Toluidine	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
p-Dimethylaminoazobenzene	ND(2.1) [ND(2.0)]	NS	ND(2.1)	NS	**ND(2.2) J**
Pentachlorobenzene	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Pentachloroethane	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Pentachloronitrobenzene	**ND(2.1) J [ND(2.0) J]**	NS	**ND(2.1) J**	NS	ND(2.2)
Pentachlorophenol	ND(2.1) [ND(2.0)]	NS	ND(2.1)	NS	ND(2.2)
Phenacetin	ND(2.1) [ND(2.0)]	NS	ND(2.1)	NS	ND(2.2)
Phenanthrene	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Phenol	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Pronamide	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Pyrene	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Pyridine	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Safrole	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	ND(0.43)
Thionazin	ND(0.41) [ND(0.39)]	NS	ND(0.42)	NS	**ND(0.43) J**

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-28 6-15 12/12/00	20s Complex RAA3-28 14-15 12/12/00	20s Complex RAA3-29 1-6 12/08/00	20s Complex RAA3-29 4-6 12/08/00	20s Complex RAA3-30 6-15 01/11/01
Furans					
2,3,7,8-TCDF	ND(0.00000044) [ND(0.00000040)]	NS	0.00000072	NS	ND(0.000000097)
TCDFs (total)	ND(0.00000044) [ND(0.00000040)]	NS	0.0000078	NS	ND(0.000000097)
1,2,3,7,8-PeCDF	ND(0.00000058) [ND(0.00000037)]	NS	0.00000028 J	NS	0.000000095 J
2,3,4,7,8-PeCDF	ND(0.00000057) [ND(0.00000037)]	NS	0.00000095 J	NS	0.00000019 J
PeCDFs (total)	ND(0.00000057) [ND(0.00000037)]	NS	0.000015	NS	0.00000086
1,2,3,4,7,8-HxCDF	ND(0.00000044) [0.00000018 J]	NS	0.00000042 J	NS	0.0000012 J
1,2,3,6,7,8-HxCDF	ND(0.00000040) [ND(0.00000018)]	NS	0.00000045 J	NS	0.00000022 J
1,2,3,7,8,9-HxCDF	ND(0.00000054) [ND(0.00000025)]	NS	ND(0.00000015)	NS	0.00000020 J
2,3,4,6,7,8-HxCDF	ND(0.00000041) [ND(0.00000019)]	NS	0.0000012 J	NS	0.00000018 J
HxCDFs (total)	0.00000078 [ND(0.00000018)]	NS	0.000015	NS	0.0000028
1,2,3,4,6,7,8-HpCDF	**0.0000017 J [ND(0.00000032) J]**	NS	0.0000017 J	NS	0.0000011 J
1,2,3,4,7,8,9-HpCDF	ND(0.00000031) [ND(0.00000049)]	NS	0.00000015 J	NS	0.00000088 J
HpCDFs (total)	**0.0000029 J [ND(0.00000032) J]**	NS	0.0000042	NS	0.0000036
OCDF	**ND(0.000015) [ND(0.0000023)]**	NS	**ND(0.0000011)**	NS	0.0000037 J
Total Furans	0.0000037 [ND(0.0000023)]	NS	0.000042	NS	0.000011
Dioxins					
2,3,7,8-TCDD	ND(0.00000038) [ND(0.00000032)]	NS	ND(0.000000044)	NS	ND(0.000000051)
TCDDs (total)	ND(0.00000038) [ND(0.00000032)]	NS	ND(0.00000029)	NS	ND(0.00000018)
1,2,3,7,8-PeCDD	ND(0.00000065) [ND(0.00000085)]	NS	ND(0.000000043)	NS	0.00000013 w
PeCDDs (total)	ND(0.00000065) [ND(0.00000085)]	NS	ND(0.00000045)	NS	0.00000031
1,2,3,4,7,8-HxCDD	ND(0.00000058) [ND(0.00000083)]	NS	ND(0.000000076)	NS	0.000000095 w
1,2,3,6,7,8-HxCDD	ND(0.00000047) [ND(0.00000067)]	NS	ND(0.000000079)	NS	0.00000020 J
1,2,3,7,8,9-HxCDD	ND(0.00000050) [ND(0.00000071)]	NS	ND(0.000000071)	NS	0.000000099 J
HxCDDs (total)	ND(0.00000047) [ND(0.00000067)]	NS	0.00000030	NS	0.00000046
1,2,3,4,6,7,8-HpCDD	ND(0.00000032) [ND(0.00000032)]	NS	0.0000017 J	NS	0.0000025 J
HpCDDs (total)	ND(0.00000032) [ND(0.00000032)]	NS	0.0000042	NS	0.0000042
OCDD	**ND(0.0000024) [ND(0.0000012)]**	NS	0.000013	NS	0.000014
Total Dioxins	ND(0.0000024) [ND(0.0000012)]	NS	0.000018	NS	0.000019
WHO TEF	0.00000088 [0.00000087]	NS	0.00000087	NS	0.00000053
Inorganics					
Antimony	ND(11.0) [ND(10.0)]	NS	ND(11.0)	NS	ND(12.0)
Arsenic	ND(18.0) [ND(18.0)]	NS	ND(19.0)	NS	ND(19.0)
Barium	ND(37.0) [ND(35.0)]	NS	ND(38.0)	NS	ND(39.0)
Beryllium	ND(0.180) [ND(0.180)]	NS	0.230	NS	0.240
Cadmium	ND(1.80) [ND(1.80)]	NS	ND(1.90)	NS	ND(1.90)
Chromium	6.20 [6.80]	NS	16.0	NS	8.30
Cobalt	10.0 [10.0]	NS	ND(9.40)	NS	11.0
Copper	**240 J [84.0 J]**	NS	23.0	NS	ND(19.0)
Cyanide	ND(1.00) [ND(1.00)]	NS	ND(1.20)	NS	ND(1.00)
Lead	15.0 [12.0]	NS	15.0	NS	9.00
Mercury	ND(0.200) [ND(0.120)]	NS	ND(0.250)	NS	ND(0.260)
Nickel	**34.0 J [19.0 J]**	NS	18.0	NS	18.0
Selenium	ND(0.920) [ND(0.880)]	NS	ND(0.940)	NS	**ND(0.970) J**
Silver	ND(0.920) [ND(0.880)]	NS	ND(0.940)	NS	ND(0.970)
Sulfide	ND(6.20) [ND(5.80)]	NS	24.0	NS	100
Thallium	**ND(1.80) J [ND(1.80) J]**	NS	ND(1.90)	NS	ND(1.90)
Tin	ND(56.0) [ND(52.0)]	NS	ND(56.0)	NS	ND(58.0)
Vanadium	ND(9.20) [ND(8.80)]	NS	11.0	NS	ND(9.70)
Zinc	68.0 [42.0]	NS	48.0	NS	46.0

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-30 14-15 01/11/01	20s Complex RAA3-31 0-1 12/11/00	20s Complex RAA3-32 1-6 12/12/00	20s Complex RAA3-32 4-6 12/13/00	20s Complex RAA3-33 1-6 12/15/00	20s Complex RAA3-33 4-6 12/15/00
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
1,1,1-Trichloroethane	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
1,1,2,2-Tetrachloroethane	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
1,1,2-Trichloroethane	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
1,1-Dichloroethane	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
1,1-Dichloroethene	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
1,2,3-Trichloropropane	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
1,2-Dibromo-3-chloropropane	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
1,2-Dibromoethane	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
1,2-Dichloroethane	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
1,2-Dichloropropane	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
1,4-Dioxane	**ND(0.20) J**	**ND(0.20) J**	NS	**ND(0.20) J**	NS	**ND(0.20) J**
2-Butanone	ND(0.10)	ND(0.10)	NS	**ND(0.10) J**	NS	ND(0.10)
2-Chloro-1,3-butadiene	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
2-Chloroethylvinylether	**ND(0.0073) J**	**ND(0.0072) J**	NS	**ND(0.0073) J**	NS	**ND(0.0074) J**
2-Hexanone	ND(0.014)	**ND(0.014) J**	NS	**ND(0.014) J**	NS	ND(0.015)
3-Chloropropene	ND(0.014)	ND(0.014)	NS	ND(0.014)	NS	ND(0.015)
4-Methyl-2-pentanone	**ND(0.014) J**	**ND(0.014) J**	NS	ND(0.014)	NS	ND(0.015)
Acetone	ND(0.10)	ND(0.10)	NS	**ND(0.10) J**	NS	ND(0.10)
Acetonitrile	ND(0.14)	**ND(0.14) J**	NS	ND(0.14)	NS	ND(0.15)
Acrolein	**ND(0.14) J**	**ND(0.14) J**	NS	**ND(0.14) J**	NS	**ND(0.15) J**
Acrylonitrile	ND(0.014)	ND(0.014)	NS	ND(0.014)	NS	ND(0.015)
Benzene	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
Bromodichloromethane	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
Bromoform	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
Bromomethane	ND(0.014)	ND(0.014)	NS	ND(0.014)	NS	ND(0.015)
Carbon Disulfide	ND(0.010)	ND(0.010)	NS	ND(0.010)	NS	ND(0.010)
Carbon Tetrachloride	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
Chlorobenzene	0.14	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
Chloroethane	ND(0.014)	ND(0.014)	NS	ND(0.014)	NS	ND(0.015)
Chloroform	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
Chloromethane	ND(0.014)	ND(0.014)	NS	ND(0.014)	NS	ND(0.015)
cis-1,3-Dichloropropene	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
Dibromochloromethane	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
Dibromomethane	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
Dichlorodifluoromethane	ND(0.014)	ND(0.014)	NS	ND(0.014)	NS	ND(0.015)
Ethyl Methacrylate	ND(0.014)	ND(0.014)	NS	ND(0.014)	NS	ND(0.015)
Ethylbenzene	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
Iodomethane	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
Isobutanol	**ND(0.29) J**	**ND(0.29) J**	NS	**ND(0.29) J**	NS	**ND(0.29) J**
Methacrylonitrile	ND(0.014)	ND(0.014)	NS	ND(0.014)	NS	ND(0.015)
Methyl Methacrylate	ND(0.014)	ND(0.014)	NS	ND(0.014)	NS	ND(0.015)
Methylene Chloride	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
Propionitrile	**ND(0.073) J**	**ND(0.072) J**	NS	**ND(0.073) J**	NS	**ND(0.074) J**
Styrene	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
Tetrachloroethene	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
Toluene	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
trans-1,2-Dichloroethene	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
trans-1,3-Dichloropropene	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
trans-1,4-Dichloro-2-butene	ND(0.014)	ND(0.014)	NS	ND(0.014)	NS	ND(0.015)
Trichloroethene	ND(0.0073)	ND(0.0072)	NS	0.013	NS	ND(0.0074)
Trichlorofluoromethane	**ND(0.0073) J**	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)
Vinyl Acetate	ND(0.014)	ND(0.014)	NS	ND(0.014)	NS	ND(0.015)
Vinyl Chloride	ND(0.014)	ND(0.014)	NS	ND(0.014)	NS	ND(0.015)
Xylenes (total)	ND(0.0073)	ND(0.0072)	NS	ND(0.0073)	NS	ND(0.0074)

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

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PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-30 14-15 01/11/01	20s Complex RAA3-31 0-1 12/11/00	20s Complex RAA3-32 1-6 12/12/00	20s Complex RAA3-32 4-6 12/13/00	20s Complex RAA3-33 1-6 12/15/00	20s Complex RAA3-33 4-6 12/15/00
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
1,2,4-Trichlorobenzene	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
1,2-Dichlorobenzene	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
1,2-Diphenylhydrazine	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
1,3,5-Trinitrobenzene	NS	ND(0.96)	ND(0.86)	NS	ND(0.81)	NS
1,3-Dichlorobenzene	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
1,3-Dinitrobenzene	NS	ND(2.4)	ND(2.2)	NS	ND(2.1)	NS
1,4-Dichlorobenzene	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
1,4-Naphthoquinone	NS	ND(2.4)	ND(2.2)	NS	ND(2.1)	NS
1-Naphthylamine	NS	ND(2.4)	ND(2.2)	NS	ND(2.1)	NS
2,3,4,6-Tetrachlorophenol	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
2,4,5-Trichlorophenol	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
2,4,6-Trichlorophenol	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
2,4-Dichlorophenol	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
2,4-Dimethylphenol	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
2,4-Dinitrophenol	NS	ND(2.4)	ND(2.2)	NS	ND(2.1)	NS
2,4-Dinitrotoluene	NS	ND(2.4)	ND(2.2)	NS	ND(2.1)	NS
2,6-Dichlorophenol	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
2,6-Dinitrotoluene	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
2-Acetylaminofluorene	NS	**ND(0.96) J**	**ND(0.86) J**	NS	**ND(0.81) J**	NS
2-Chloronaphthalene	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
2-Chlorophenol	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
2-Methylnaphthalene	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
2-Methylphenol	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
2-Naphthylamine	NS	ND(2.4)	ND(2.2)	NS	ND(2.1)	NS
2-Nitroaniline	NS	ND(2.4)	**ND(2.2) J**	NS	ND(2.1)	NS
2-Nitrophenol	NS	ND(0.96)	ND(0.86)	NS	ND(0.81)	NS
2-Picoline	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
3&4-Methylphenol	NS	ND(0.96)	ND(0.86)	NS	ND(0.81)	NS
3,3'-Dichlorobenzidine	NS	ND(2.4)	ND(2.2)	NS	**ND(2.1) J**	NS
3,3'-Dimethylbenzidine	NS	ND(2.4)	ND(2.2)	NS	**ND(2.1) J**	NS
3-Methylcholanthrene	NS	ND(0.96)	ND(0.86)	NS	**ND(0.81) J**	NS
3-Nitroaniline	NS	ND(2.4)	**ND(2.2) J**	NS	ND(2.1)	NS
4,6-Dinitro-2-methylphenol	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
4-Aminobiphenyl	NS	ND(0.96)	ND(0.86)	NS	ND(0.81)	NS
4-Bromophenyl-phenylether	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
4-Chloro-3-Methylphenol	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
4-Chloroaniline	NS	ND(0.96)	ND(0.86)	NS	ND(0.81)	NS
4-Chlorobenzilate	NS	ND(2.4)	ND(2.2)	NS	ND(2.1)	NS
4-Chlorophenyl-phenylether	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
4-Nitroaniline	NS	ND(2.4)	ND(2.2)	NS	ND(2.1)	NS
4-Nitrophenol	NS	ND(2.4)	ND(2.2)	NS	**ND(2.1) J**	NS
4-Nitroquinoline-1-oxide	NS	**ND(2.4) J**	**ND(2.2) J**	NS	ND(2.1)	NS
4-Phenylenediamine	NS	ND(2.4)	ND(2.2)	NS	ND(2.1)	NS
5-Nitro-o-toluidine	NS	ND(2.4)	**ND(2.2) J**	NS	ND(2.1)	NS
7,12-Dimethylbenz(a)anthracene	NS	ND(0.96)	**ND(0.86) J**	NS	**ND(0.81) J**	NS
a,a'-Dimethylphenethylamine	NS	ND(2.4)	ND(2.2)	NS	ND(2.1)	NS
Acenaphthene	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Acenaphthylene	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Acetophenone	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Aniline	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Anthracene	NS	ND(0.47)	0.58	NS	ND(0.40)	NS
Aramite	NS	ND(0.96)	ND(0.86)	NS	**ND(0.81) J**	NS
Benzidine	NS	**ND(0.96) J**	**ND(0.86) J**	NS	**ND(0.81) J**	NS
Benzo(a)anthracene	NS	0.73	1.1	NS	**ND(0.40) J**	NS
Benzo(a)pyrene	NS	0.80	1.1	NS	**ND(0.40) J**	NS
Benzo(b)fluoranthene	NS	0.65	0.70	NS	**ND(0.40) J**	NS
Benzo(g,h,i)perylene	NS	**ND(0.47) J**	1.2	NS	**ND(0.40) J**	NS
Benzo(k)fluoranthene	NS	0.82	0.79	NS	**0.46 J**	NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
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(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-30 14-15 01/11/01	20s Complex RAA3-31 0-1 12/11/00	20s Complex RAA3-32 1-6 12/12/00	20s Complex RAA3-32 4-6 12/13/00	20s Complex RAA3-33 1-6 12/15/00	20s Complex RAA3-33 4-6 12/15/00
Semivolatile Organics (continued)						
Benzyl Alcohol	NS	ND(0.96)	ND(0.86)	NS	ND(0.81)	NS
bis(2-Chloroethoxy)methane	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
bis(2-Chloroethyl)ether	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
bis(2-Chloroisopropyl)ether	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
bis(2-Ethylhexyl)phthalate	NS	**ND(0.47) J**	ND(0.43)	NS	**ND(0.40) J**	NS
Butylbenzylphthalate	NS	ND(0.96)	ND(0.86)	NS	**ND(0.81) J**	NS
Chrysene	NS	0.68	1.1	NS	**ND(0.40) J**	NS
Diallate	NS	ND(0.96)	ND(0.86)	NS	ND(0.81)	NS
Dibenzo(a,h)anthracene	NS	ND(0.96)	**ND(0.86) J**	NS	**ND(0.81) J**	NS
Dibenzofuran	NS	**ND(0.47) J**	ND(0.43)	NS	ND(0.40)	NS
Diethylphthalate	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Dimethylphthalate	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Di-n-Butylphthalate	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Di-n-Octylphthalate	NS	ND(0.47)	ND(0.43)	NS	**ND(0.40) J**	NS
Diphenylamine	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Ethyl Methanesulfonate	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Fluoranthene	NS	1.0	2.9	NS	0.56	NS
Fluorene	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Hexachlorobenzene	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Hexachlorobutadiene	NS	ND(0.96)	ND(0.86)	NS	ND(0.81)	NS
Hexachlorocyclopentadiene	NS	**ND(0.47) J**	ND(0.43)	NS	ND(0.40)	NS
Hexachloroethane	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Hexachlorophene	NS	**ND(0.96) J**	**ND(0.86) J**	NS	**ND(0.81) J**	NS
Hexachloropropene	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Indeno(1,2,3-cd)pyrene	NS	ND(0.96)	0.94	NS	**ND(0.81) J**	NS
Isodrin	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Isophorone	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Isosafrole	NS	ND(0.96)	ND(0.86)	NS	ND(0.81)	NS
Methapyrilene	NS	ND(2.4)	ND(2.2)	NS	ND(2.1)	NS
Methyl Methanesulfonate	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Naphthalene	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Nitrobenzene	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
N-Nitrosodiethylamine	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
N-Nitrosodimethylamine	NS	**ND(0.96) J**	**ND(0.86) J**	NS	**ND(0.81) J**	NS
N-Nitroso-di-n-butylamine	NS	ND(0.96)	ND(0.86)	NS	**ND(0.81) J**	NS
N-Nitroso-di-n-propylamine	NS	ND(0.96)	ND(0.86)	NS	ND(0.81)	NS
N-Nitrosodiphenylamine	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
N-Nitrosomethylethylamine	NS	ND(0.96)	ND(0.86)	NS	ND(0.81)	NS
N-Nitrosomorpholine	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
N-Nitrosopiperidine	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
N-Nitrosopyrrolidine	NS	ND(0.96)	ND(0.86)	NS	ND(0.81)	NS
o,o,o-Triethylphosphorothioate	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
o-Toluidine	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
p-Dimethylaminoazobenzene	NS	ND(2.4)	ND(2.2)	NS	ND(2.1)	NS
Pentachlorobenzene	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Pentachloroethane	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Pentachloronitrobenzene	NS	**ND(2.4) J**	**ND(2.2) J**	NS	**ND(2.1) J**	NS
Pentachlorophenol	NS	ND(2.4)	ND(2.2)	NS	ND(2.1)	NS
Phenacetin	NS	ND(2.4)	ND(2.2)	NS	ND(2.1)	NS
Phenanthrene	NS	0.80	2.5	NS	ND(0.40)	NS
Phenol	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Pronamide	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Pyrene	NS	1.0	2.3	NS	**0.57 J**	NS
Pyridine	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Safrole	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS
Thionazin	NS	ND(0.47)	ND(0.43)	NS	ND(0.40)	NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
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(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex RAA3-30 14-15 01/11/01	20s Complex RAA3-31 0-1 12/11/00	20s Complex RAA3-32 1-6 12/12/00	20s Complex RAA3-32 4-6 12/13/00	20s Complex RAA3-33 1-6 12/15/00	20s Complex RAA3-33 4-6 12/15/00
Furans						
2,3,7,8-TCDF	NS	0.0000014	0.000017	NS	0.000013	NS
TCDFs (total)	NS	0.0000059	0.000095	NS	0.000098	NS
1,2,3,7,8-PeCDF	NS	0.00000075 w	0.0000085	NS	0.0000084	NS
2,3,4,7,8-PeCDF	NS	0.00000074	0.0000065	NS	0.000028	NS
PeCDFs (total)	NS	0.000025	0.00025	NS	0.00023	NS
1,2,3,4,7,8-HxCDF	NS	0.000022 I	ND(0.000012)	NS	0.000050	NS
1,2,3,6,7,8-HxCDF	NS	ND(0.00000030)	ND(0.000011)	NS	0.000012	NS
1,2,3,7,8,9-HxCDF	NS	ND(0.00000041)	ND(0.000015)	NS	0.000010	NS
2,3,4,6,7,8-HxCDF	NS	ND(0.00000031)	0.000027	NS	0.000022	NS
HxCDFs (total)	NS	0.000031	0.00038	NS	0.00028	NS
1,2,3,4,6,7,8-HpCDF	NS	0.000011	0.000053	NS	0.000052	NS
1,2,3,4,7,8,9-HpCDF	NS	0.00000072	0.000014	NS	0.000026	NS
HpCDFs (total)	NS	0.000012	0.000067	NS	0.00017	NS
OCDF	NS	**ND(0.000021)**	0.000079 B	NS	0.00023	NS
Total Furans	NS	0.000074	0.00087	NS	0.0010	NS
Dioxins						
2,3,7,8-TCDD	NS	ND(0.00000016)	0.00000020 Jw	NS	0.00000079 w	NS
TCDDs (total)	NS	0.00000013 J	ND(0.0000010)	NS	0.0000052	NS
1,2,3,7,8-PeCDD	NS	ND(0.00000064)	ND(0.0000048)	NS	0.0000012 w	NS
PeCDDs (total)	NS	ND(0.00000064)	ND(0.0000048)	NS	0.0000033	NS
1,2,3,4,7,8-HxCDD	NS	ND(0.00000056)	ND(0.0000043)	NS	0.00000030 J	NS
1,2,3,6,7,8-HxCDD	NS	ND(0.00000045)	ND(0.0000034)	NS	0.00000066 w	NS
1,2,3,7,8,9-HxCDD	NS	ND(0.00000048)	ND(0.0000036)	NS	0.00000048 J	NS
HxCDDs (total)	NS	ND(0.00000045)	ND(0.0000034)	NS	0.000011	NS
1,2,3,4,6,7,8-HpCDD	NS	0.000014	0.0000086	NS	0.0000074	NS
HpCDDs (total)	NS	0.000028	0.000017	NS	0.000016	NS
OCDD	NS	0.00012 B	0.000056 B	NS	0.000050	NS
Total Dioxins	NS	0.00015	0.000073	NS	0.000086	NS
WHO TEF	NS	0.0000035	0.000014	NS	0.000028	NS
Inorganics						
Antimony	NS	ND(13.0)	ND(12.0)	NS	ND(11.0)	NS
Arsenic	NS	ND(22.0)	ND(19.0)	NS	ND(18.0)	NS
Barium	NS	ND(43.0)	46.0	NS	58.0	NS
Beryllium	NS	0.240	0.330	NS	0.430	NS
Cadmium	NS	ND(2.20)	ND(1.90)	NS	ND(1.80)	NS
Chromium	NS	8.50	11.0	NS	9.80	NS
Cobalt	NS	ND(11.0)	10.0	NS	ND(9.10)	NS
Copper	NS	ND(22.0)	39.0	NS	23.0	NS
Cyanide	NS	ND(1.40)	ND(1.00)	NS	ND(1.00)	NS
Lead	NS	77.0	46.0	NS	17.0	NS
Mercury	NS	ND(0.290)	0.240	NS	ND(0.240)	NS
Nickel	NS	13.0	19.0	NS	13.0	NS
Selenium	NS	ND(1.10)	ND(0.970)	NS	ND(0.910)	NS
Silver	NS	ND(1.10)	ND(0.970)	NS	ND(0.910)	NS
Sulfide	NS	11.0	ND(6.40)	NS	ND(6.10)	NS
Thallium	NS	**ND(2.4) J**	**ND(1.90) J**	NS	**ND(1.80) J**	NS
Tin	NS	ND(65.0)	ND(58.0)	NS	ND(55.0)	NS
Vanadium	NS	ND(11.0)	10.0	NS	9.80	NS
Zinc	NS	66.0	92.0	NS	37.0	NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex 95-16 0-1 12/04/00	30s Complex PEDA-33-A-SB-1 0-1 02/22/01	30s Complex PEDA-33-SB-1 0-1 02/21/01	30s Complex PEDA-33-SB-2 6-8 02/21/01	30s Complex PEDA-33-SB-2 6-15 02/21/01
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
1,1,1-Trichloroethane	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
1,1,2,2-Tetrachloroethane	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
1,1,2-Trichloroethane	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
1,1-Dichloroethane	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
1,1-Dichloroethene	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
1,2,3-Trichloropropane	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
1,2-Dibromo-3-chloropropane	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
1,2-Dibromoethane	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
1,2-Dichloroethane	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
1,2-Dichloropropane	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
1,4-Dioxane	**ND(0.20) J**	**ND(0.20) J**	**ND(0.20) J**	**ND(19) J**	NS
2-Butanone	ND(0.10)	ND(0.10)	ND(0.10)	ND(9.6)	NS
2-Chloro-1,3-butadiene	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
2-Chloroethylvinylether	**ND(0.0068) J**	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
2-Hexanone	ND(0.014)	ND(0.014)	ND(0.013)	ND(0.96)	NS
3-Chloropropene	ND(0.014)	ND(0.014)	ND(0.013)	ND(0.96)	NS
4-Methyl-2-pentanone	ND(0.014)	ND(0.014)	ND(0.013)	ND(0.96)	NS
Acetone	ND(0.10)	ND(0.10)	ND(0.10)	ND(9.6)	NS
Acetonitrile	ND(0.14)	**ND(0.14) J**	**ND(0.13) J**	**ND(9.6) J**	NS
Acrolein	**ND(0.14) J**	**ND(0.14) J**	**ND(0.13) J**	**ND(9.6) J**	NS
Acrylonitrile	ND(0.014)	ND(0.014)	ND(0.013)	ND(0.96)	NS
Benzene	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
Bromodichloromethane	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
Bromoform	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
Bromomethane	ND(0.014)	ND(0.014)	ND(0.013)	ND(0.96)	NS
Carbon Disulfide	ND(0.010)	ND(0.010)	ND(0.010)	**ND(1.5)**	NS
Carbon Tetrachloride	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
Chlorobenzene	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
Chloroethane	ND(0.014)	ND(0.014)	ND(0.013)	ND(0.96)	NS
Chloroform	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
Chloromethane	ND(0.014)	ND(0.014)	ND(0.013)	ND(0.96)	NS
cis-1,3-Dichloropropene	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
Dibromochloromethane	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
Dibromomethane	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
Dichlorodifluoromethane	ND(0.014)	ND(0.014)	ND(0.013)	**ND(0.96) J**	NS
Ethyl Methacrylate	ND(0.014)	ND(0.014)	ND(0.013)	ND(0.96)	NS
Ethylbenzene	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
Iodomethane	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
Isobutanol	**ND(0.27) J**	**ND(0.28) J**	**ND(0.26) J**	**ND(19) J**	NS
Methacrylonitrile	ND(0.014)	ND(0.014)	ND(0.013)	ND(0.96)	NS
Methyl Methacrylate	ND(0.014)	ND(0.014)	ND(0.013)	ND(0.96)	NS
Methylene Chloride	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
Propionitrile	**ND(0.068) J**	**ND(0.070) J**	**ND(0.065) J**	**ND(4.8) J**	NS
Styrene	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
Tetrachloroethene	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
Toluene	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
trans-1,2-Dichloroethene	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
trans-1,3-Dichloropropene	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
trans-1,4-Dichloro-2-butene	ND(0.014)	ND(0.014)	ND(0.013)	ND(0.96)	NS
Trichloroethene	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
Trichlorofluoromethane	ND(0.0068)	ND(0.0070)	ND(0.0065)	ND(0.48)	NS
Vinyl Acetate	ND(0.014)	ND(0.014)	ND(0.013)	ND(0.96)	NS
Vinyl Chloride	ND(0.014)	ND(0.014)	ND(0.013)	ND(0.96)	NS
Xylenes (total)	ND(0.0068)	ND(0.014)	ND(0.0065)	ND(0.48)	NS

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PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Parameter / Removal Action Area:	30s Complex	30s Complex	30s Complex	30s Complex	30s Complex
Sample ID:	95-16	PEDA-33-A-SB-1	PEDA-33-SB-1	PEDA-33-SB-2	PEDA-33-SB-2
Sample Depth(Feet):	0-1	0-1	0-1	6-8	6-15
Date Collected:	12/04/00	02/22/01	02/21/01	02/21/01	02/21/01
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
1,2,4-Trichlorobenzene	ND(2.3)	ND(0.66)	ND(0.44)	NS	1.8
1,2-Dichlorobenzene	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
1,2-Diphenylhydrazine	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
1,3,5-Trinitrobenzene	ND(4.5)	ND(1.3)	ND(0.88)	NS	ND(0.86)
1,3-Dichlorobenzene	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
1,3-Dinitrobenzene	**ND(11) J**	ND(3.3)	ND(2.2)	NS	ND(2.2)
1,4-Dichlorobenzene	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
1,4-Naphthoquinone	**ND(11) J**	ND(3.3)	ND(2.2)	NS	ND(2.2)
1-Naphthylamine	ND(11)	ND(3.3)	ND(2.2)	NS	ND(2.2)
2,3,4,6-Tetrachlorophenol	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
2,4,5-Trichlorophenol	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
2,4,6-Trichlorophenol	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
2,4-Dichlorophenol	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
2,4-Dimethylphenol	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
2,4-Dinitrophenol	ND(11)	**ND(3.3) J**	**ND(2.2) J**	NS	**ND(2.2) J**
2,4-Dinitrotoluene	ND(11)	ND(3.3)	ND(2.2)	NS	ND(2.2)
2,6-Dichlorophenol	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
2,6-Dinitrotoluene	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
2-Acetylaminofluorene	ND(4.5)	ND(1.3)	ND(0.88)	NS	ND(0.86)
2-Chloronaphthalene	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
2-Chlorophenol	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
2-Methylnaphthalene	ND(2.3)	ND(0.66)	ND(0.44)	NS	2.6
2-Methylphenol	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
2-Naphthylamine	ND(11)	ND(3.3)	ND(2.2)	NS	ND(2.2)
2-Nitroaniline	ND(11)	ND(3.3)	ND(2.2)	NS	ND(2.2)
2-Nitrophenol	ND(4.5)	ND(1.3)	ND(0.88)	NS	ND(0.86)
2-Picoline	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
3&4-Methylphenol	ND(4.5)	ND(1.3)	ND(0.88)	NS	ND(0.86)
3,3'-Dichlorobenzidine	ND(11)	ND(3.3)	ND(2.2)	NS	ND(2.2)
3,3'-Dimethylbenzidine	ND(11)	ND(3.3)	**ND(2.2) J**	NS	**ND(2.2) J**
3-Methylcholanthrene	ND(4.5)	ND(1.3)	**ND(0.88) J**	NS	**ND(0.86) J**
3-Nitroaniline	ND(11)	ND(3.3)	ND(2.2)	NS	ND(2.2)
4,6-Dinitro-2-methylphenol	ND(2.3)	**ND(0.66) J**	ND(0.44)	NS	ND(0.42)
4-Aminobiphenyl	ND(4.5)	ND(1.3)	ND(0.88)	NS	ND(0.86)
4-Bromophenyl-phenylether	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
4-Chloro-3-Methylphenol	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
4-Chloroaniline	ND(4.5)	ND(1.3)	ND(0.88)	NS	ND(0.86)
4-Chlorobenzilate	ND(11)	ND(3.3)	ND(2.2)	NS	ND(2.2)
4-Chlorophenyl-phenylether	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
4-Nitroaniline	ND(11)	ND(3.3)	ND(2.2)	NS	ND(2.2)
4-Nitrophenol	ND(11)	ND(3.3)	ND(2.2)	NS	ND(2.2)
4-Nitroquinoline-1-oxide	ND(11)	**ND(3.3) J**	ND(2.2)	NS	ND(2.2)
4-Phenylenediamine	ND(11)	**ND(3.3) J**	**ND(2.2) J**	NS	**ND(2.2) J**
5-Nitro-o-toluidine	ND(11)	ND(3.3)	ND(2.2)	NS	ND(2.2)
7,12-Dimethylbenz(a)anthracene	ND(4.5)	ND(1.3)	ND(0.88)	NS	ND(0.86)
a,a'-Dimethylphenethylamine	ND(11)	ND(3.3)	ND(2.2)	NS	ND(2.2)
Acenaphthene	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
Acenaphthylene	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
Acetophenone	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
Aniline	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
Anthracene	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
Aramite	**ND(4.5) J**	**ND(1.3) J**	**ND(0.88) J**	NS	**ND(0.86) J**
Benzidine	ND(4.5)	**ND(1.3) J**	**ND(0.88) J**	NS	**ND(0.86) J**
Benzo(a)anthracene	ND(2.3)	0.16 J	0.24 J	NS	ND(0.42)
Benzo(a)pyrene	ND(2.3)	ND(0.66)	0.26 J	NS	ND(0.42)
Benzo(b)fluoranthene	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
Benzo(g,h,i)perylene	ND(2.3)	ND(0.66)	0.50	NS	ND(0.42)
Benzo(k)fluoranthene	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)

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(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex 95-16 0-1 12/04/00	30s Complex PEDA-33-A-SB-1 0-1 02/22/01	30s Complex PEDA-33-SB-1 0-1 02/21/01	30s Complex PEDA-33-SB-2 6-8 02/21/01	30s Complex PEDA-33-SB-2 6-15 02/21/01
Semivolatile Organics (continued)					
Benzyl Alcohol	ND(4.5)	ND(1.3)	ND(0.88)	NS	ND(0.86)
bis(2-Chloroethoxy)methane	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
bis(2-Chloroethyl)ether	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
bis(2-Chloroisopropyl)ether	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
bis(2-Ethylhexyl)phthalate	ND(2.3)	ND(0.66)	0.67	NS	ND(0.42)
Butylbenzylphthalate	ND(4.5)	ND(1.3)	ND(0.88)	NS	ND(0.86)
Chrysene	ND(2.3)	0.17 J	0.27 J	NS	ND(0.42)
Diallate	ND(4.5)	**ND(1.3) J**	ND(0.88)	NS	ND(0.86)
Dibenzo(a,h)anthracene	ND(4.5)	ND(1.3)	ND(0.88)	NS	ND(0.86)
Dibenzofuran	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
Diethylphthalate	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
Dimethylphthalate	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
Di-n-Butylphthalate	ND(2.3)	1.5	ND(0.44)	NS	ND(0.42)
Di-n-Octylphthalate	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
Diphenylamine	ND(2.3)	**ND(0.66) J**	ND(0.44)	NS	ND(0.42)
Ethyl Methanesulfonate	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
Fluoranthene	3.0	0.22 J	0.21 J	NS	ND(0.42)
Fluorene	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
Hexachlorobenzene	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
Hexachlorobutadiene	ND(4.5)	ND(1.3)	ND(0.88)	NS	ND(0.86)
Hexachlorocyclopentadiene	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
Hexachloroethane	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
Hexachlorophene	**ND(4.5) J**	**ND(1.3) J**	**ND(0.88) J**	NS	**ND(0.86) J**
Hexachloropropene	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
Indeno(1,2,3-cd)pyrene	ND(4.5)	ND(1.3)	ND(0.88)	NS	ND(0.86)
Isodrin	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
Isophorone	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
Isosafrole	ND(4.5)	ND(1.3)	ND(0.88)	NS	ND(0.86)
Methapyrilene	ND(11)	**ND(3.3) J**	**ND(2.2) J**	NS	**ND(2.2) J**
Methyl Methanesulfonate	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
Naphthalene	ND(2.3)	ND(0.66)	ND(0.44)	NS	6.1
Nitrobenzene	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
N-Nitrosodiethylamine	ND(2.3)	ND(0.66)	**ND(0.44) J**	NS	**ND(0.42) J**
N-Nitrosodimethylamine	ND(11)	ND(3.3)	ND(2.2)	NS	ND(2.1)
N-Nitroso-di-n-butylamine	ND(4.5)	**ND(1.3) J**	ND(0.88)	NS	ND(0.86)
N-Nitroso-di-n-propylamine	ND(4.5)	ND(1.3)	ND(0.88)	NS	ND(0.86)
N-Nitrosodiphenylamine	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
N-Nitrosomethylethylamine	ND(2.3)	ND(0.94)	ND(0.88)	NS	ND(0.86)
N-Nitrosomorpholine	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
N-Nitrosopiperidine	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
N-Nitrosopyrrolidine	ND(4.5)	**ND(1.3) J**	ND(0.88)	NS	ND(0.86)
o,o,o-Triethylphosphorothioate	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
o-Toluidine	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
p-Dimethylaminoazobenzene	ND(11)	0.61 J	**ND(2.2) J**	NS	**ND(2.2) J**
Pentachlorobenzene	ND(2.3)	**ND(0.66) J**	ND(0.44)	NS	ND(0.42)
Pentachloroethane	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
Pentachloronitrobenzene	ND(11)	ND(3.3)	**ND(2.2) J**	NS	**ND(2.2) J**
Pentachlorophenol	ND(11)	ND(3.3)	ND(2.2)	NS	ND(2.2)
Phenacetin	ND(11)	ND(3.3)	**ND(2.2) J**	NS	**ND(2.2) J**
Phenanthrene	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
Phenol	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
Pronamide	ND(2.3)	**ND(0.66) J**	ND(0.44)	NS	ND(0.42)
Pyrene	3.6	0.26 J	0.25 J	NS	ND(0.42)
Pyridine	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
Safrole	ND(2.3)	ND(0.66)	ND(0.44)	NS	ND(0.42)
Thionazin	ND(2.3)	**ND(0.66) J**	ND(0.44)	NS	ND(0.42)

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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex 95-16 0-1 12/04/00	30s Complex PEDA-33-A-SB-1 0-1 02/22/01	30s Complex PEDA-33-SB-1 0-1 02/21/01	30s Complex PEDA-33-SB-2 6-8 02/21/01	30s Complex PEDA-33-SB-2 6-15 02/21/01
Furans					
2,3,7,8-TCDF	0.00012	0.0000068	0.0000057	NS	0.0000026
TCDFs (total)	0.0046	0.000045	0.000042	NS	0.000025
1,2,3,7,8-PeCDF	0.0018	0.0000027	0.0000030	NS	0.0000015 J
2,3,4,7,8-PeCDF	0.00079	0.0000064	0.0000038	NS	0.0000036
PeCDFs (total)	0.035	0.000058	0.000034	NS	0.000027 I
1,2,3,4,7,8-HxCDF	0.019	0.0000032	0.0000035	NS	0.000014
1,2,3,6,7,8-HxCDF	ND(0.00022)	0.0000022 J	0.0000019 J	NS	0.0000025
1,2,3,7,8,9-HxCDF	0.00024 J	0.00000063 J	**ND(0.00000038)**	NS	0.0000020 J
2,3,4,6,7,8-HxCDF	0.0033	0.0000053	0.0000015 J	NS	0.0000028
HxCDFs (total)	0.040	0.000068	0.000022	NS	0.000046
1,2,3,4,6,7,8-HpCDF	0.0084 B	0.0000079	0.0000046	NS	0.000018
1,2,3,4,7,8,9-HpCDF	0.00037	0.00000084 J	0.00000072 J	NS	0.000012
HpCDFs (total)	0.0087	0.000019	0.000011	NS	0.000057
OCDF	0.0014 B	0.0000035 J	0.0000050	NS	0.000060
Total Furans	0.090	0.00019	0.00011	NS	0.00022
Dioxins					
2,3,7,8-TCDD	ND(0.0000022)	ND(0.000000099)	ND(0.000000093)	NS	0.00000028 w
TCDDs (total)	ND(0.0000022)	0.00000070	0.00000096	NS	0.0000017
1,2,3,7,8-PeCDD	ND(0.000015)	0.00000028 w	0.00000021 w	NS	0.00000067 J
PeCDDs (total)	ND(0.000015)	0.0000020	0.0000022	NS	0.0000060
1,2,3,4,7,8-HxCDD	ND(0.000021)	0.00000019 J	0.00000015 J	NS	0.00000030 J
1,2,3,6,7,8-HxCDD	ND(0.000020)	0.00000088 J	0.0000012 J	NS	0.00000092 J
1,2,3,7,8,9-HxCDD	ND(0.000020)	0.00000032 J	0.00000038 J	NS	0.00000044 J
HxCDDs (total)	ND(0.000020)	0.0000059	0.000011	NS	0.0000094
1,2,3,4,6,7,8-HpCDD	0.00030 B	0.0000097	0.00011	NS	0.0000028
HpCDDs (total)	0.00030	0.000020	0.00019	NS	0.0000060
OCDD	0.0012 B	0.000032	0.00053	NS	0.0000072
Total Dioxins	0.0015	0.000061	0.00073	NS	0.000030
WHO TEF	0.0029	0.0000058	0.0000050	NS	0.0000057
Inorganics					
Antimony	ND(12.0)	ND(13.0)	ND(12.0)	NS	ND(11.0)
Arsenic	31.0	ND(15.0)	ND(20.0)	NS	ND(19.0)
Barium	110	150	ND(39.0)	NS	ND(38.0)
Beryllium	0.480	ND(0.210)	0.240	NS	0.260
Cadmium	3.10	ND(2.10)	ND(2.00)	NS	ND(1.90)
Chromium	23.0	13.0	8.00	NS	13.0
Cobalt	ND(10.0)	92.0	26.0	NS	14.0
Copper	320	92.0	100	NS	31.0
Cyanide	ND(1.40)	ND(1.00)	ND(1.00)	NS	ND(1.00)
Lead	370	92.0	51.0	NS	12.0
Mercury	1.40	ND(0.200)	ND(0.200)	NS	ND(0.200)
Nickel	26.0	18.0	18.0	NS	26.0
Selenium	ND(1.00)	ND(1.00)	ND(0.980)	NS	ND(0.960)
Silver	1.40	ND(1.00)	ND(0.980)	NS	ND(0.960)
Sulfide	83.0	27.0	8.20	NS	8.10
Thallium	ND(2.00)	ND(2.10)	ND(2.00)	NS	ND(1.90)
Tin	ND(62.0)	ND(63.0)	ND(59.0)	NS	ND(57.0)
Vanadium	41.0	12.0	ND(9.80)	NS	11.0
Zinc	500	450	69.0	NS	71.0

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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	30s Complex PEDA-33-SB-3 1-6 02/28/01	30s Complex PEDA-33-SB-3 4-6 02/28/01	30s Complex PEDA-33-X-SB-1 0-1 02/22/01	30s Complex PEDA-34-SB-1 0-1 02/22/01	30s Complex RAA2-1 6-15 11/28/00	30s Complex RAA2-1 14-15 11/28/00
Volatile Organics							
1,1,1,2-Tetrachloroethane		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
1,1,1-Trichloroethane		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
1,1,2,2-Tetrachloroethane		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
1,1,2-Trichloroethane		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
1,1-Dichloroethane		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
1,1-Dichloroethene		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
1,2,3-Trichloropropane		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
1,2-Dibromo-3-chloropropane		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
1,2-Dibromoethane		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
1,2-Dichloroethane		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
1,2-Dichloropropane		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
1,4-Dioxane		NS	**ND(0.20) J**	**ND(0.20) J**	**ND(0.20) J**	NS	**ND(0.20) J**
2-Butanone		NS	ND(0.10)	ND(0.10)	ND(0.10)	NS	ND(0.10)
2-Chloro-1,3-butadiene		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
2-Chloroethylvinylether		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
2-Hexanone		NS	ND(0.012)	ND(0.013)	ND(0.012)	NS	ND(0.013)
3-Chloropropene		NS	ND(0.012)	ND(0.013)	ND(0.012)	NS	ND(0.013)
4-Methyl-2-pentanone		NS	ND(0.012)	ND(0.013)	ND(0.012)	NS	ND(0.013)
Acetone		NS	ND(0.10)	ND(0.10)	ND(0.10)	NS	ND(0.10)
Acetonitrile		NS	**ND(0.12) J**	**ND(0.13) J**	**ND(0.12) J**	NS	ND(0.13)
Acrolein		NS	**ND(0.12) J**	**ND(0.13) J**	**ND(0.12) J**	NS	**ND(0.13) J**
Acrylonitrile		NS	ND(0.012)	ND(0.013)	ND(0.012)	NS	ND(0.013)
Benzene		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
Bromodichloromethane		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
Bromoform		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
Bromomethane		NS	ND(0.012)	ND(0.013)	ND(0.012)	NS	ND(0.013)
Carbon Disulfide		NS	ND(0.010)	ND(0.010)	ND(0.010)	NS	ND(0.010)
Carbon Tetrachloride		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
Chlorobenzene		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
Chloroethane		NS	ND(0.012)	ND(0.013)	ND(0.012)	NS	ND(0.013)
Chloroform		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
Chloromethane		NS	ND(0.012)	ND(0.013)	ND(0.012)	NS	ND(0.013)
cis-1,3-Dichloropropene		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
Dibromochloromethane		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
Dibromomethane		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
Dichlorodifluoromethane		NS	ND(0.012)	ND(0.013)	ND(0.012)	NS	ND(0.013)
Ethyl Methacrylate		NS	ND(0.012)	ND(0.013)	ND(0.012)	NS	ND(0.013)
Ethylbenzene		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
Iodomethane		NS	**ND(0.0060) J**	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
Isobutanol		NS	**ND(0.24) J**	**ND(0.26) J**	**ND(0.24) J**	NS	**ND(0.25) J**
Methacrylonitrile		NS	ND(0.012)	ND(0.013)	ND(0.012)	NS	ND(0.013)
Methyl Methacrylate		NS	ND(0.012)	ND(0.013)	ND(0.012)	NS	ND(0.013)
Methylene Chloride		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
Propionitrile		NS	**ND(0.060) J**	**ND(0.066) J**	**ND(0.059) J**	NS	**ND(0.063) J**
Styrene		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
Tetrachloroethene		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
Toluene		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
trans-1,2-Dichloroethene		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
trans-1,3-Dichloropropene		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
trans-1,4-Dichloro-2-butene		NS	ND(0.012)	ND(0.013)	ND(0.012)	NS	ND(0.013)
Trichloroethene		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
Trichlorofluoromethane		NS	ND(0.0060)	ND(0.0066)	ND(0.0059)	NS	ND(0.0063)
Vinyl Acetate		NS	ND(0.012)	ND(0.013)	ND(0.012)	NS	ND(0.013)
Vinyl Chloride		NS	ND(0.012)	ND(0.013)	ND(0.012)	NS	ND(0.013)
Xylenes (total)		NS	ND(0.0060)	ND(0.0066)	ND(0.012)	NS	ND(0.0063)

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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex PEDA-33-SB-3 1-6 02/28/01	30s Complex PEDA-33-SB-3 4-6 02/28/01	30s Complex PEDA-33-X-SB-1 0-1 02/22/01	30s Complex PEDA-34-SB-1 0-1 02/22/01	30s Complex RAA2-1 6-15 11/28/00	30s Complex RAA2-1 14-15 11/28/00
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
1,2,4-Trichlorobenzene	ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
1,2-Dichlorobenzene	ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
1,2-Diphenylhydrazine	ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
1,3,5-Trinitrobenzene	ND(0.85)	NS	ND(0.89)	ND(0.79)	ND(0.82)	NS
1,3-Dichlorobenzene	ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
1,3-Dinitrobenzene	ND(2.1)	NS	ND(2.2)	ND(2.0)	ND(2.1)	NS
1,4-Dichlorobenzene	ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
1,4-Naphthoquinone	ND(2.1)	NS	ND(2.2)	ND(2.0)	ND(2.1)	NS
1-Naphthylamine	ND(2.1)	NS	ND(2.2)	ND(2.0)	ND(2.1)	NS
2,3,4,6-Tetrachlorophenol	ND(0.42)	NS	ND(0.44)	ND(0.39)	**ND(0.40) J**	NS
2,4,5-Trichlorophenol	ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
2,4,6-Trichlorophenol	ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
2,4-Dichlorophenol	ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
2,4-Dimethylphenol	ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
2,4-Dinitrophenol	**ND(2.1) J**	NS	**ND(2.2) J**	**ND(2.0) J**	ND(2.1)	NS
2,4-Dinitrotoluene	ND(2.1)	NS	ND(2.2)	ND(2.0)	ND(2.1)	NS
2,6-Dichlorophenol	ND(0.42)	NS	ND(0.44)	ND(0.39)	**ND(0.40) J**	NS
2,6-Dinitrotoluene	ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
2-Acetylaminofluorene	ND(0.85)	NS	ND(0.89)	ND(0.79)	ND(0.82)	NS
2-Chloronaphthalene	ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
2-Chlorophenol	ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
2-Methylnaphthalene	ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
2-Methylphenol	**ND(0.42) J**	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
2-Naphthylamine	ND(2.1)	NS	ND(2.2)	ND(2.0)	ND(2.1)	NS
2-Nitroaniline	ND(2.1)	NS	ND(2.2)	ND(2.0)	ND(2.1)	NS
2-Nitrophenol	ND(0.85)	NS	ND(0.89)	ND(0.79)	ND(0.82)	NS
2-Picoline	ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
3&4-Methylphenol	ND(0.85)	NS	ND(0.89)	ND(0.79)	ND(0.82)	NS
3,3'-Dichlorobenzidine	ND(2.1)	NS	ND(2.2)	ND(2.0)	ND(2.1)	NS
3,3'-Dimethylbenzidine	ND(2.1)	NS	ND(2.2)	ND(2.0)	**ND(2.1) J**	NS
3-Methylcholanthrene	ND(0.85)	NS	ND(0.89)	ND(0.79)	ND(0.82)	NS
3-Nitroaniline	ND(2.1)	NS	ND(2.2)	ND(2.0)	ND(2.1)	NS
4,6-Dinitro-2-methylphenol	ND(0.42)	NS	**ND(0.44) J**	**ND(0.39) J**	ND(0.40)	NS
4-Aminobiphenyl	ND(0.85)	NS	ND(0.89)	ND(0.79)	ND(0.82)	NS
4-Bromophenyl-phenylether	ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
4-Chloro-3-Methylphenol	ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
4-Chloroaniline	ND(0.85)	NS	ND(0.89)	ND(0.79)	ND(0.82)	NS
4-Chlorobenzilate	ND(2.1)	NS	ND(2.2)	ND(2.0)	ND(2.1)	NS
4-Chlorophenyl-phenylether	ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
4-Nitroaniline	ND(2.1)	NS	ND(2.2)	ND(2.0)	ND(2.1)	NS
4-Nitrophenol	ND(2.1)	NS	ND(2.2)	ND(2.0)	ND(2.1)	NS
4-Nitroquinoline-1-oxide	ND(2.1)	NS	**ND(2.2) J**	**ND(2.0) J**	ND(2.1)	NS
4-Phenylenediamine	**ND(2.1) J**	NS	**ND(2.2) J**	**ND(2.0) J**	ND(2.1)	NS
5-Nitro-o-toluidine	ND(2.1)	NS	ND(2.2)	ND(2.0)	ND(2.1)	NS
7,12-Dimethylbenz(a)anthracene	ND(0.85)	NS	ND(0.89)	ND(0.79)	**ND(0.82) J**	NS
a,a'-Dimethylphenethylamine	ND(2.1)	NS	ND(2.2)	ND(2.0)	ND(2.1)	NS
Acenaphthene	ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Acenaphthylene	ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Acetophenone	ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Aniline	ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Anthracene	ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Aramite	**ND(0.85) J**	NS	**ND(0.89) J**	**ND(0.79) J**	**ND(0.82) J**	NS
Benzidine	**ND(0.85) J**	NS	**ND(0.89) J**	**ND(0.79) J**	ND(0.82)	NS
Benzo(a)anthracene	ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Benzo(a)pyrene	ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Benzo(b)fluoranthene	ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Benzo(g,h,i)perylene	ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Benzo(k)fluoranthene	ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	30s Complex PEDA-33-SB-3 1-6 02/28/01	30s Complex PEDA-33-SB-3 4-6 02/28/01	30s Complex PEDA-33-X-SB-1 0-1 02/22/01	30s Complex PEDA-34-SB-1 0-1 02/22/01	30s Complex RAA2-1 6-15 11/28/00	30s Complex RAA2-1 14-15 11/28/00
Semivolatile Organics (continued)							
Benzyl Alcohol		ND(0.85)	NS	ND(0.89)	ND(0.79)	ND(0.82)	NS
bis(2-Chloroethoxy)methane		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
bis(2-Chloroethyl)ether		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
bis(2-Chloroisopropyl)ether		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
bis(2-Ethylhexyl)phthalate		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Butylbenzylphthalate		ND(0.85)	NS	ND(0.89)	ND(0.79)	ND(0.82)	NS
Chrysene		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Diallate		ND(0.85)	NS	**ND(0.89) J**	**ND(0.79) J**	ND(0.82)	NS
Dibenzo(a,h)anthracene		ND(0.85)	NS	ND(0.89)	ND(0.79)	ND(0.82)	NS
Dibenzofuran		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Diethylphthalate		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Dimethylphthalate		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Di-n-Butylphthalate		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Di-n-Octylphthalate		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Diphenylamine		ND(0.42)	NS	**ND(0.44) J**	**ND(0.39) J**	ND(0.40)	NS
Ethyl Methanesulfonate		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Fluoranthene		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Fluorene		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Hexachlorobenzene		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Hexachlorobutadiene		ND(0.85)	NS	ND(0.89)	ND(0.79)	ND(0.82)	NS
Hexachlorocyclopentadiene		ND(0.42)	NS	ND(0.44)	ND(0.39)	**ND(0.40) J**	NS
Hexachloroethane		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Hexachlorophene		**ND(0.85) J**	NS	**ND(0.89) J**	**ND(0.79) J**	**ND(0.82) J**	NS
Hexachloropropene		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Indeno(1,2,3-cd)pyrene		ND(0.85)	NS	ND(0.89)	ND(0.79)	ND(0.82)	NS
Isodrin		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Isophorone		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Isosafrole		ND(0.85)	NS	ND(0.89)	ND(0.79)	ND(0.82)	NS
Methapyrilene		ND(2.1)	NS	**ND(2.2) J**	**ND(2.0) J**	**ND(2.1) J**	NS
Methyl Methanesulfonate		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Naphthalene		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Nitrobenzene		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
N-Nitrosodiethylamine		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
N-Nitrosodimethylamine		ND(2.1)	NS	ND(2.2)	ND(1.9)	ND(2.0)	NS
N-Nitroso-di-n-butylamine		ND(0.85)	NS	**ND(0.89) J**	**ND(0.79) J**	ND(0.82)	NS
N-Nitroso-di-n-propylamine		ND(0.85)	NS	ND(0.89)	ND(0.79)	ND(0.82)	NS
N-Nitrosodiphenylamine		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
N-Nitrosomethylethylamine		ND(0.85)	NS	ND(0.89)	ND(0.79)	ND(0.82)	NS
N-Nitrosomorpholine		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
N-Nitrosopiperidine		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
N-Nitrosopyrrolidine		ND(0.85)	NS	**ND(0.89) J**	**ND(0.79) J**	ND(0.82)	NS
o,o,o-Triethylphosphorothioate		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
o-Toluidine		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
p-Dimethylaminoazobenzene		ND(2.1)	NS	ND(2.2)	ND(2.0)	ND(2.1)	NS
Pentachlorobenzene		ND(0.42)	NS	**ND(0.44) J**	**ND(0.39) J**	ND(0.40)	NS
Pentachloroethane		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Pentachloronitrobenzene		ND(2.1)	NS	ND(2.2)	ND(2.0)	**ND(2.1) J**	NS
Pentachlorophenol		ND(2.1)	NS	ND(2.2)	ND(2.0)	ND(2.1)	NS
Phenacetin		ND(2.1)	NS	ND(2.2)	ND(2.0)	ND(2.1)	NS
Phenanthrene		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Phenol		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Pronamide		ND(0.42)	NS	**ND(0.44) J**	**ND(0.39) J**	ND(0.40)	NS
Pyrene		ND(0.42)	NS	0.19 J	ND(0.39)	ND(0.40)	NS
Pyridine		ND(0.42)	NS	ND(0.44)	ND(0.39)	ND(0.40)	NS
Safrole		ND(0.42)	NS	ND(0.44)	ND(0.39)	**ND(0.40) J**	NS
Thionazin		**ND(0.42) J**	NS	**ND(0.44) J**	**ND(0.39) J**	ND(0.40)	NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex PEDA-33-SB-3 1-6 02/28/01	30s Complex PEDA-33-SB-3 4-6 02/28/01	30s Complex PEDA-33-X-SB-1 0-1 02/22/01	30s Complex PEDA-34-SB-1 0-1 02/22/01	30s Complex RAA2-1 6-15 11/28/00	30s Complex RAA2-1 14-15 11/28/00
Furans						
2,3,7,8-TCDF	ND(0.000000068)	NS	0.0000012	0.00000018 J	ND(0.00000037)	NS
TCDFs (total)	ND(0.000000068)	NS	0.000014	0.0000011	ND(0.00000037)	NS
1,2,3,7,8-PeCDF	ND(0.000000042)	NS	0.00000060 J	0.00000016 J	ND(0.00000044)	NS
2,3,4,7,8-PeCDF	ND(0.000000041)	NS	0.0000021 J	0.00000032 J	ND(0.00000043)	NS
PeCDFs (total)	ND(0.000000042)	NS	0.000023	0.0000025	ND(0.00000043)	NS
1,2,3,4,7,8-HxCDF	**ND(0.000000042)**	NS	0.0000016 J	0.00000034 w	0.000014 I	NS
1,2,3,6,7,8-HxCDF	**ND(0.000000063)**	NS	0.0000013 J	0.00000023 J	ND(0.00000027)	NS
1,2,3,7,8,9-HxCDF	ND(0.000000043)	NS	0.00000052 J	ND(0.000000090)	ND(0.00000035)	NS
2,3,4,6,7,8-HxCDF	ND(0.000000040)	NS	0.0000040	0.00000036 J	0.00000060 w	NS
HxCDFs (total)	**ND(0.00000050)**	NS	0.000048	0.0000036	0.000024	NS
1,2,3,4,6,7,8-HpCDF	0.000000088 w	NS	0.0000054	0.00000053 w	0.000075	NS
1,2,3,4,7,8,9-HpCDF	ND(0.000000071)	NS	0.00000087 J	0.00000018 J	0.0000015 w	NS
HpCDFs (total)	ND(0.000000064)	NS	0.000015	0.00000090	0.000075	NS
OCDF	ND(0.00000010)	NS	0.0000028 J	0.00000054 J	0.000039	NS
Total Furans	ND(0.00000050)	NS	0.00010	0.0000086	0.00014	NS
Dioxins						
2,3,7,8-TCDD	ND(0.000000078)	NS	ND(0.000000067)	ND(0.000000093)	ND(0.00000042)	NS
TCDDs (total)	ND(0.00000029)	NS	ND(0.00000029)	ND(0.00000027)	ND(0.00000042)	NS
1,2,3,7,8-PeCDD	ND(0.000000077)	NS	0.00000028 w	0.00000010 J	ND(0.0000017)	NS
PeCDDs (total)	ND(0.00000044)	NS	0.00000072	0.00000010	ND(0.0000017)	NS
1,2,3,4,7,8-HxCDD	ND(0.000000062)	NS	0.00000026 J	0.000000092 J	ND(0.0000012)	NS
1,2,3,6,7,8-HxCDD	ND(0.000000066)	NS	0.00000036 J	0.00000017 J	ND(0.0000012)	NS
1,2,3,7,8,9-HxCDD	ND(0.000000059)	NS	0.00000022 J	0.00000011 J	ND(0.0000012)	NS
HxCDDs (total)	ND(0.00000065)	NS	0.0000038	0.00000047	ND(0.0000012)	NS
1,2,3,4,6,7,8-HpCDD	**ND(0.00000060)**	NS	0.0000034	**ND(0.0000016)**	0.0000079	NS
HpCDDs (total)	**ND(0.0000012)**	NS	0.0000070	**ND(0.0000030)**	0.000014	NS
OCDD	**ND(0.000012)**	NS	0.000020	**ND(0.000011)**	0.000031 B	NS
Total Dioxins	ND(0.000012)	NS	0.000032	0.00000057	0.000045	NS
WHO TEF	0.00000012	NS	0.0000024	0.00000048	0.0000037	NS
Inorganics						
Antimony	ND(11.0)	NS	ND(12.0)	ND(11.0)	**ND(11.0) J**	NS
Arsenic	ND(19.0)	NS	ND(20.0)	ND(15.0)	ND(18.0)	NS
Barium	ND(38.0)	NS	ND(40.0)	51.0	ND(36.0)	NS
Beryllium	0.240	NS	ND(0.200)	0.300	0.180	NS
Cadmium	ND(1.90)	NS	ND(2.00)	ND(1.80)	ND(1.80)	NS
Chromium	11.0	NS	8.70	11.0	7.40	NS
Cobalt	12.0	NS	84.0	30.0	ND(9.10)	NS
Copper	31.0	NS	25.0	ND(18.0)	31.0	NS
Cyanide	ND(1.00)	NS	ND(1.00)	ND(1.00)	ND(1.00)	NS
Lead	13.0	NS	30.0	5.50	10.0	NS
Mercury	ND(0.250)	NS	ND(0.260)	ND(0.200)	ND(0.240)	NS
Nickel	20.0	NS	18.0	13.0	18.0	NS
Selenium	ND(0.950)	NS	ND(0.990)	ND(0.880)	ND(0.910)	NS
Silver	ND(0.950)	NS	ND(0.990)	ND(0.880)	ND(0.910)	NS
Sulfide	ND(6.30)	NS	ND(6.60)	ND(5.90)	300	NS
Thallium	ND(1.90)	NS	ND(2.00)	ND(1.80)	**ND(1.80) J**	NS
Tin	ND(57.0)	NS	ND(60.0)	ND(53.0)	ND(55.0)	NS
Vanadium	9.60	NS	ND(9.90)	13.0	ND(9.10)	NS
Zinc	60.0	NS	48.0	35.0	43.0	NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: Sample ID: Sample Depth(Feet): Parameter Date Collected:	30s Complex RAA2-2 1-6 11/28/00	30s Complex RAA2-2 2-4 11/28/00	30s Complex RAA2-3 6-11.5 11/27/00	30s Complex RAA2-3 10-11.5 11/27/00
Volatile Organics				
1,1,1,2-Tetrachloroethane	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
1,1,1-Trichloroethane	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
1,1,2,2-Tetrachloroethane	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
1,1,2-Trichloroethane	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
1,1-Dichloroethane	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
1,1-Dichloroethene	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
1,2,3-Trichloropropane	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
1,2-Dibromo-3-chloropropane	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
1,2-Dibromoethane	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
1,2-Dichloroethane	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
1,2-Dichloropropane	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
1,4-Dioxane	NS	**ND(0.20) J [ND(0.20) J]**	NS	**ND(0.20) J**
2-Butanone	NS	ND(0.10) [ND(0.10)]	NS	ND(0.10)
2-Chloro-1,3-butadiene	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
2-Chloroethylvinylether	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
2-Hexanone	NS	ND(0.012) [ND(0.013)]	NS	ND(0.013)
3-Chloropropene	NS	ND(0.012) [ND(0.013)]	NS	ND(0.013)
4-Methyl-2-pentanone	NS	ND(0.012) [ND(0.013)]	NS	ND(0.013)
Acetone	NS	ND(0.10) [ND(0.10)]	NS	ND(0.10)
Acetonitrile	NS	ND(0.12) [ND(0.13)]	NS	ND(0.13)
Acrolein	NS	**ND(0.12) J [ND(0.13) J]**	NS	**ND(0.13) J**
Acrylonitrile	NS	ND(0.012) [ND(0.013)]	NS	ND(0.013)
Benzene	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
Bromodichloromethane	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
Bromoform	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
Bromomethane	NS	ND(0.012) [ND(0.013)]	NS	ND(0.013)
Carbon Disulfide	NS	ND(0.010) [ND(0.010)]	NS	ND(0.010)
Carbon Tetrachloride	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
Chlorobenzene	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
Chloroethane	NS	ND(0.012) [ND(0.013)]	NS	ND(0.013)
Chloroform	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
Chloromethane	NS	ND(0.012) [ND(0.013)]	NS	ND(0.013)
cis-1,3-Dichloropropene	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
Dibromochloromethane	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
Dibromomethane	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
Dichlorodifluoromethane	NS	ND(0.012) [ND(0.013)]	NS	ND(0.013)
Ethyl Methacrylate	NS	ND(0.012) [ND(0.013)]	NS	ND(0.013)
Ethylbenzene	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
Iodomethane	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
Isobutanol	NS	**ND(0.24) J [ND(0.26) J]**	NS	**ND(0.27) J**
Methacrylonitrile	NS	ND(0.012) [ND(0.013)]	NS	ND(0.013)
Methyl Methacrylate	NS	ND(0.012) [ND(0.013)]	NS	ND(0.013)
Methylene Chloride	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
Propionitrile	NS	**ND(0.060) J [ND(0.064) J]**	NS	**ND(0.067) J**
Styrene	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
Tetrachloroethene	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
Toluene	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
trans-1,2-Dichloroethene	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
trans-1,3-Dichloropropene	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
trans-1,4-Dichloro-2-butene	NS	ND(0.012) [ND(0.013)]	NS	ND(0.013)
Trichloroethene	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
Trichlorofluoromethane	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)
Vinyl Acetate	NS	ND(0.012) [ND(0.013)]	NS	ND(0.013)
Vinyl Chloride	NS	ND(0.012) [ND(0.013)]	NS	ND(0.013)
Xylenes (total)	NS	ND(0.0060) [ND(0.0064)]	NS	ND(0.0067)

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-2 1-6 11/28/00	30s Complex RAA2-2 2-4 11/28/00	30s Complex RAA2-3 6-11.5 11/27/00	30s Complex RAA2-3 10-11.5 11/27/00
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
1,2,4-Trichlorobenzene	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
1,2-Dichlorobenzene	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
1,2-Diphenylhydrazine	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
1,3,5-Trinitrobenzene	ND(0.84) [ND(0.82)]	NS	**ND(2.6) J**	NS
1,3-Dichlorobenzene	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
1,3-Dinitrobenzene	ND(2.1) [ND(2.1)]	NS	ND(6.4)	NS
1,4-Dichlorobenzene	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
1,4-Naphthoquinone	ND(2.1) [ND(2.1)]	NS	ND(6.4)	NS
1-Naphthylamine	ND(2.1) [ND(2.1)]	NS	ND(2.6)	NS
2,3,4,6-Tetrachlorophenol	**ND(0.41) J [ND(0.40) J]**	NS	ND(1.3)	NS
2,4,5-Trichlorophenol	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
2,4,6-Trichlorophenol	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
2,4-Dichlorophenol	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
2,4-Dimethylphenol	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
2,4-Dinitrophenol	ND(2.1) [ND(2.1)]	NS	ND(2.2)	NS
2,4-Dinitrotoluene	ND(2.1) [ND(2.1)]	NS	ND(2.2)	NS
2,6-Dichlorophenol	**ND(0.41) J [ND(0.40) J]**	NS	ND(1.3)	NS
2,6-Dinitrotoluene	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
2-Acetylaminofluorene	ND(0.84) [ND(0.82)]	NS	ND(2.6)	NS
2-Chloronaphthalene	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
2-Chlorophenol	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
2-Methylnaphthalene	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
2-Methylphenol	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
2-Naphthylamine	ND(2.1) [ND(2.1)]	NS	ND(2.6)	NS
2-Nitroaniline	ND(2.1) [ND(2.1)]	NS	ND(2.2)	NS
2-Nitrophenol	ND(0.84) [ND(0.82)]	NS	ND(1.3)	NS
2-Picoline	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
3&4-Methylphenol	ND(0.84) [ND(0.82)]	NS	ND(1.3)	NS
3,3'-Dichlorobenzidine	ND(2.1) [ND(2.1)]	NS	ND(2.2)	NS
3,3'-Dimethylbenzidine	**ND(2.1) J [ND(2.1) J]**	NS	ND(6.4)	NS
3-Methylcholanthrene	ND(0.84) [ND(0.82)]	NS	**ND(1.3) J**	NS
3-Nitroaniline	ND(2.1) [ND(2.1)]	NS	ND(2.2)	NS
4,6-Dinitro-2-methylphenol	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
4-Aminobiphenyl	ND(0.84) [ND(0.82)]	NS	ND(2.6)	NS
4-Bromophenyl-phenylether	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
4-Chloro-3-Methylphenol	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
4-Chloroaniline	ND(0.84) [ND(0.82)]	NS	ND(1.3)	NS
4-Chlorobenzilate	ND(2.1) [ND(2.1)]	NS	ND(6.4)	NS
4-Chlorophenyl-phenylether	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
4-Nitroaniline	ND(2.1) [ND(2.1)]	NS	ND(2.2)	NS
4-Nitrophenol	ND(2.1) [ND(2.1)]	NS	ND(2.2)	NS
4-Nitroquinoline-1-oxide	ND(2.1) [ND(2.1)]	NS	**ND(6.4) J**	NS
4-Phenylenediamine	ND(2.1) [ND(2.1)]	NS	**ND(6.4) J**	NS
5-Nitro-o-toluidine	ND(2.1) [ND(2.1)]	NS	ND(6.4)	NS
7,12-Dimethylbenz(a)anthracene	**ND(0.84) J [ND(0.82) J]**	NS	ND(1.3)	NS
a,a'-Dimethylphenethylamine	ND(2.1) [ND(2.1)]	NS	ND(6.4)	NS
Acenaphthene	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
Acenaphthylene	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
Acetophenone	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
Aniline	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
Anthracene	ND(0.41) [ND(0.40)]	NS	7.9	NS
Aramite	**ND(0.84) J [ND(0.82) J]**	NS	ND(2.6)	NS
Benzidine	ND(0.84) [ND(0.82)]	NS	**ND(1.3) J**	NS
Benzo(a)anthracene	ND(0.41) [ND(0.40)]	NS	3.6	NS
Benzo(a)pyrene	ND(0.41) [ND(0.40)]	NS	1.5	NS
Benzo(b)fluoranthene	ND(0.41) [ND(0.40)]	NS	1.8	NS
Benzo(g,h,i)perylene	ND(0.41) [ND(0.40)]	NS	1.6	NS
Benzo(k)fluoranthene	ND(0.41) [ND(0.40)]	NS	1.9	NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-2 1-6 11/28/00	30s Complex RAA2-2 2-4 11/28/00	30s Complex RAA2-3 6-11.5 11/27/00	30s Complex RAA2-3 10-11.5 11/27/00
Semivolatile Organics (continued)				
Benzyl Alcohol	ND(0.84) [ND(0.82)]	NS	ND(1.3)	NS
bis(2-Chloroethoxy)methane	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
bis(2-Chloroethyl)ether	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
bis(2-Chloroisopropyl)ether	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
bis(2-Ethylhexyl)phthalate	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
Butylbenzylphthalate	ND(0.84) [ND(0.82)]	NS	ND(1.3)	NS
Chrysene	ND(0.41) [ND(0.40)]	NS	3.6	NS
Diallate	ND(0.84) [ND(0.82)]	NS	ND(1.3)	NS
Dibenzo(a,h)anthracene	ND(0.84) [ND(0.82)]	NS	2.0	NS
Dibenzofuran	ND(0.41) [ND(0.40)]	NS	0.91 J	NS
Diethylphthalate	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
Dimethylphthalate	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
Di-n-Butylphthalate	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
Di-n-Octylphthalate	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
Diphenylamine	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
Ethyl Methanesulfonate	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
Fluoranthene	ND(0.41) [ND(0.40)]	NS	13	NS
Fluorene	ND(0.41) [ND(0.40)]	NS	1.6	NS
Hexachlorobenzene	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
Hexachlorobutadiene	ND(0.84) [ND(0.82)]	NS	ND(1.3)	NS
Hexachlorocyclopentadiene	**ND(0.41) J [ND(0.40) J]**	NS	ND(1.3)	NS
Hexachloroethane	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
Hexachlorophene	**ND(0.84) J [ND(0.82) J]**	NS	**ND(2.6) J**	NS
Hexachloropropene	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
Indeno(1,2,3-cd)pyrene	ND(0.84) [ND(0.82)]	NS	1.6	NS
Isodrin	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
Isophorone	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
Isosafrole	ND(0.84) [ND(0.82)]	NS	ND(1.3)	NS
Methapyrilene	**ND(2.1) J [ND(2.1) J]**	NS	ND(6.4)	NS
Methyl Methanesulfonate	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
Naphthalene	ND(0.41) [ND(0.40)]	NS	0.90 J	NS
Nitrobenzene	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
N-Nitrosodiethylamine	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
N-Nitrosodimethylamine	ND(2.0) [ND(2.0)]	NS	ND(1.3)	NS
N-Nitroso-di-n-butylamine	ND(0.84) [ND(0.82)]	NS	ND(1.3)	NS
N-Nitroso-di-n-propylamine	**ND(2.1) J** [ND(0.82)]	NS	ND(1.3)	NS
N-Nitrosodiphenylamine	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
N-Nitrosomethylethylamine	ND(0.84) [ND(0.82)]	NS	ND(2.6)	NS
N-Nitrosomorpholine	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
N-Nitrosopiperidine	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
N-Nitrosopyrrolidine	ND(0.84) [ND(0.82)]	NS	ND(1.3)	NS
o,o,o-Triethylphosphorothioate	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
o-Toluidine	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
p-Dimethylaminoazobenzene	ND(2.1) [ND(2.1)]	NS	ND(6.4)	NS
Pentachlorobenzene	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
Pentachloroethane	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
Pentachloronitrobenzene	**ND(0.41) J [ND(2.1) J]**	NS	**ND(6.4) J**	NS
Pentachlorophenol	ND(2.1) [ND(2.1)]	NS	ND(2.2)	NS
Phenacetin	ND(2.1) [ND(2.1)]	NS	ND(6.4)	NS
Phenanthrene	ND(0.41) [ND(0.40)]	NS	9.0	NS
Phenol	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
Pronamide	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
Pyrene	ND(0.41) [ND(0.40)]	NS	8.9	NS
Pyridine	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS
Safrole	**ND(0.41) J [ND(0.40) J]**	NS	ND(1.3)	NS
Thionazin	ND(0.41) [ND(0.40)]	NS	ND(1.3)	NS

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PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-2 1-6 11/28/00	30s Complex RAA2-2 2-4 11/28/00	30s Complex RAA2-3 6-11.5 11/27/00	30s Complex RAA2-3 10-11.5 11/27/00
Furans				
2,3,7,8-TCDF	0.0000023 [0.0000013 J]	NS	0.00000060 w	NS
TCDFs (total)	0.0000023 [0.0000013 J]	NS	0.0000012	NS
1,2,3,7,8-PeCDF	ND(0.00000061) [ND(0.00000039)]	NS	ND(0.00000012)	NS
2,3,4,7,8-PeCDF	0.00000092 [0.00000054 w]	NS	ND(0.00000012)	NS
PeCDFs (total)	0.0000054 [0.0000041]	NS	0.00000079	NS
1,2,3,4,7,8-HxCDF	0.0000076 I [0.0000055 I]	NS	0.0000021 I	NS
1,2,3,6,7,8-HxCDF	ND(0.00000080) [ND(0.00000025)]	NS	ND(0.00000010)	NS
1,2,3,7,8,9-HxCDF	ND(0.0000010) [ND(0.00000032)]	NS	ND(0.00000013)	NS
2,3,4,6,7,8-HxCDF	ND(0.00000080) [0.00000040 w]	NS	0.000000035 Jw	NS
HxCDFs (total)	0.0000062 [0.0000049]	NS	0.00000095	NS
1,2,3,4,6,7,8-HpCDF	0.0000040 [0.0000029]	NS	0.00000043 w	NS
1,2,3,4,7,8,9-HpCDF	0.0000010 w [0.00000087]	NS	ND(0.00000012)	NS
HpCDFs (total)	0.0000091 [0.0000076]	NS	ND(0.000000087)	NS
OCDF	0.000013 [0.0000077]	NS	0.00000070	NS
Total Furans	0.000036 [0.000026]	NS	0.0000036	NS
Dioxins				
2,3,7,8-TCDD	ND(0.00000078) [ND(0.00000052)]	NS	ND(0.00000011)	NS
TCDDs (total)	ND(0.00000078) [ND(0.00000052)]	NS	ND(0.00000011)	NS
1,2,3,7,8-PeCDD	**ND(0.0000025) J** [ND(0.00000096)]	NS	ND(0.00000045)	NS
PeCDDs (total)	ND(0.0000025) [ND(0.00000096)]	NS	ND(0.00000045)	NS
1,2,3,4,7,8-HxCDD	ND(0.0000022) [ND(0.00000076)]	NS	ND(0.00000020)	NS
1,2,3,6,7,8-HxCDD	ND(0.0000021) [ND(0.00000073)]	NS	ND(0.00000020)	NS
1,2,3,7,8,9-HxCDD	ND(0.0000021) [ND(0.00000072)]	NS	ND(0.00000019)	NS
HxCDDs (total)	ND(0.0000021) [ND(0.00000073)]	NS	ND(0.00000020)	NS
1,2,3,4,6,7,8-HpCDD	0.00000093 w [0.00000074]	NS	0.00000061	NS
HpCDDs (total)	ND(0.00000036) [0.00000074]	NS	0.00000099	NS
OCDD	0.0000072 [ND(0.0000048)]	NS	0.0000045 B	NS
Total Dioxins	0.0000072 [0.00000074]	NS	0.0000055	NS
WHO TEF	0.0000036 [0.0000019]	NS	0.00000064	NS
Inorganics				
Antimony	**ND(11.0) J [ND(11.0) J]**	NS	ND(12.0)	NS
Arsenic	37.0 [37.0]	NS	40.0	NS
Barium	ND(37.0) [ND(36.0)]	NS	ND(39.0)	NS
Beryllium	0.190 [ND(0.180)]	NS	0.230	NS
Cadmium	ND(1.90) [ND(1.80)]	NS	ND(2.00)	NS
Chromium	5.00 [6.20]	NS	7.70	NS
Cobalt	ND(9.30) [ND(9.10)]	NS	ND(9.80)	NS
Copper	ND(19.0) [20.0]	NS	23.0	NS
Cyanide	ND(1.00) [ND(1.00)]	NS	ND(1.00)	NS
Lead	10.0 [14.0]	NS	11.0	NS
Mercury	ND(0.250) [ND(0.240)]	NS	ND(0.260)	NS
Nickel	9.60 [11.0]	NS	10.0	NS
Selenium	ND(0.930) [ND(0.910)]	NS	ND(0.980)	NS
Silver	ND(0.930) [ND(0.910)]	NS	ND(0.980)	NS
Sulfide	ND(6.20) [ND(6.10)]	NS	200	NS
Thallium	**ND(1.90) J [ND(1.80) J]**	NS	ND(2.00)	NS
Tin	ND(56.0) [ND(55.0)]	NS	ND(58.0)	NS
Vanadium	ND(9.30) [ND(9.10)]	NS	ND(9.80)	NS
Zinc	28.0 [32.0]	NS	31.0	NS

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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-4 0-1 11/30/00	30s Complex RAA2-5 0-1 11/29/00	30s Complex RAA2-6 1-2 11/30/00	30s Complex RAA2-6 1-6 11/30/00	30s Complex RAA2-7 0-1 11/30/00	30s Complex RAA2-8 6-15 11/30/00
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
1,1,1-Trichloroethane	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
1,1,2,2-Tetrachloroethane	ND(0.0063)	ND(0.0059)	**ND(0.0072) J**	NS	ND(0.0061)	NS
1,1,2-Trichloroethane	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
1,1-Dichloroethane	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
1,1-Dichloroethene	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
1,2,3-Trichloropropane	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
1,2-Dibromo-3-chloropropane	ND(0.0063)	ND(0.0059)	**ND(0.0072) J**	NS	ND(0.0061)	NS
1,2-Dibromoethane	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
1,2-Dichloroethane	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
1,2-Dichloropropane	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
1,4-Dioxane	**ND(0.20) J**	ND(0.20)	**ND(0.20) J**	NS	**ND(0.20) J**	NS
2-Butanone	ND(0.10)	ND(0.10)	ND(0.10)	NS	ND(0.10)	NS
2-Chloro-1,3-butadiene	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
2-Chloroethylvinylether	ND(0.0063)	ND(0.0059)	**ND(0.0072) J**	NS	**ND(0.0061) J**	NS
2-Hexanone	ND(0.013)	ND(0.012)	ND(0.014)	NS	ND(0.012)	NS
3-Chloropropene	ND(0.013)	ND(0.012)	ND(0.014)	NS	ND(0.012)	NS
4-Methyl-2-pentanone	ND(0.013)	ND(0.012)	**ND(0.014) J**	NS	**ND(0.012) J**	NS
Acetone	ND(0.10)	ND(0.10)	ND(0.10)	NS	ND(0.10)	NS
Acetonitrile	ND(0.13)	ND(0.12)	ND(0.14)	NS	ND(0.12)	NS
Acrolein	**ND(0.13) J**	**ND(0.12) J**	**ND(0.14) J**	NS	**ND(0.12) J**	NS
Acrylonitrile	ND(0.013)	ND(0.012)	ND(0.014)	NS	ND(0.012)	NS
Benzene	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
Bromodichloromethane	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
Bromoform	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
Bromomethane	ND(0.013)	ND(0.012)	ND(0.014)	NS	ND(0.012)	NS
Carbon Disulfide	ND(0.010)	ND(0.010)	ND(0.010)	NS	ND(0.010)	NS
Carbon Tetrachloride	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
Chlorobenzene	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
Chloroethane	ND(0.013)	ND(0.012)	ND(0.014)	NS	ND(0.012)	NS
Chloroform	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
Chloromethane	ND(0.013)	ND(0.012)	ND(0.014)	NS	ND(0.012)	NS
cis-1,3-Dichloropropene	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
Dibromochloromethane	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
Dibromomethane	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
Dichlorodifluoromethane	ND(0.013)	ND(0.012)	ND(0.014)	NS	ND(0.012)	NS
Ethyl Methacrylate	ND(0.013)	ND(0.012)	ND(0.014)	NS	ND(0.012)	NS
Ethylbenzene	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
Iodomethane	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
Isobutanol	**ND(0.25) J**	**ND(0.23) J**	**ND(0.29) J**	NS	**ND(0.24) J**	NS
Methacrylonitrile	ND(0.013)	ND(0.012)	**ND(0.014) J**	NS	**ND(0.012) J**	NS
Methyl Methacrylate	ND(0.013)	ND(0.012)	ND(0.014)	NS	ND(0.012)	NS
Methylene Chloride	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
Propionitrile	**ND(0.063) J**	**ND(0.059) J**	**ND(0.072) J**	NS	**ND(0.061) J**	NS
Styrene	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
Tetrachloroethene	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
Toluene	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
trans-1,2-Dichloroethene	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
trans-1,3-Dichloropropene	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
trans-1,4-Dichloro-2-butene	ND(0.013)	ND(0.012)	**ND(0.014) J**	NS	ND(0.012)	NS
Trichloroethene	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
Trichlorofluoromethane	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS
Vinyl Acetate	ND(0.013)	ND(0.012)	ND(0.014)	NS	ND(0.012)	NS
Vinyl Chloride	ND(0.013)	ND(0.012)	ND(0.014)	NS	ND(0.012)	NS
Xylenes (total)	ND(0.0063)	ND(0.0059)	ND(0.0072)	NS	ND(0.0061)	NS

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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-4 0-1 11/30/00	30s Complex RAA2-5 0-1 11/29/00	30s Complex RAA2-6 1-2 11/30/00	30s Complex RAA2-6 1-6 11/30/00	30s Complex RAA2-7 0-1 11/30/00	30s Complex RAA2-8 6-15 11/30/00
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
1,2,4-Trichlorobenzene	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
1,2-Dichlorobenzene	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
1,2-Diphenylhydrazine	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
1,3,5-Trinitrobenzene	ND(3.9)	ND(0.79)	NS	ND(4.3)	ND(5.7)	ND(0.81)
1,3-Dichlorobenzene	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
1,3-Dinitrobenzene	ND(9.8)	ND(2.0)	NS	ND(11)	**ND(14) J**	ND(2.1)
1,4-Dichlorobenzene	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
1,4-Naphthoquinone	ND(9.8)	**ND(2.0) J**	NS	ND(11)	**ND(14) J**	ND(2.1)
1-Naphthylamine	ND(9.8)	ND(2.0)	NS	ND(11)	ND(14)	ND(2.1)
2,3,4,6-Tetrachlorophenol	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
2,4,5-Trichlorophenol	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
2,4,6-Trichlorophenol	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
2,4-Dichlorophenol	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
2,4-Dimethylphenol	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
2,4-Dinitrophenol	**ND(9.8) J**	**ND(2.0) J**	NS	**ND(11) J**	**ND(14) J**	**ND(2.1) J**
2,4-Dinitrotoluene	ND(9.8)	ND(2.0)	NS	ND(11)	ND(14)	ND(2.1)
2,6-Dichlorophenol	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
2,6-Dinitrotoluene	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
2-Acetylaminofluorene	ND(3.9)	ND(0.79)	NS	ND(4.3)	ND(5.7)	ND(0.81)
2-Chloronaphthalene	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
2-Chlorophenol	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
2-Methylnaphthalene	ND(2.0)	ND(0.39)	NS	7.4	ND(2.8)	ND(0.40)
2-Methylphenol	**ND(2.0) J**	**ND(0.39) J**	NS	**ND(2.2) J**	ND(2.8)	**ND(0.40) J**
2-Naphthylamine	ND(9.8)	ND(2.0)	NS	ND(11)	ND(14)	ND(2.1)
2-Nitroaniline	ND(9.8)	ND(2.0)	NS	ND(11)	ND(14)	ND(2.1)
2-Nitrophenol	ND(3.9)	ND(0.79)	NS	ND(4.3)	ND(5.7)	ND(0.81)
2-Picoline	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
3&4-Methylphenol	ND(3.9)	**ND(0.79) J**	NS	ND(4.3)	ND(5.7)	ND(0.81)
3,3'-Dichlorobenzidine	ND(9.8)	**ND(2.0) J**	NS	ND(11)	ND(14)	ND(2.1)
3,3'-Dimethylbenzidine	ND(9.8)	ND(2.0)	NS	ND(11)	ND(14)	ND(2.1)
3-Methylcholanthrene	ND(3.9)	ND(0.79)	NS	ND(4.3)	ND(5.7)	ND(0.81)
3-Nitroaniline	ND(9.8)	ND(2.0)	NS	ND(11)	ND(14)	ND(2.1)
4,6-Dinitro-2-methylphenol	ND(2.0)	ND(0.39)	NS	ND(11)	ND(2.8)	ND(2.0)
4-Aminobiphenyl	ND(3.9)	ND(0.79)	NS	ND(4.3)	ND(5.7)	ND(0.81)
4-Bromophenyl-phenylether	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
4-Chloro-3-Methylphenol	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
4-Chloroaniline	ND(3.9)	ND(0.79)	NS	ND(4.3)	ND(5.7)	ND(0.81)
4-Chlorobenzilate	ND(9.8)	ND(2.0)	NS	ND(11)	ND(14)	ND(2.1)
4-Chlorophenyl-phenylether	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
4-Nitroaniline	ND(9.8)	ND(2.0)	NS	ND(11)	ND(14)	ND(2.1)
4-Nitrophenol	ND(9.8)	ND(2.0)	NS	ND(11)	ND(14)	ND(2.1)
4-Nitroquinoline-1-oxide	**ND(9.8) J**	**ND(2.0) J**	NS	**ND(11) J**	**ND(14) J**	**ND(2.1) J**
4-Phenylenediamine	ND(9.8)	ND(2.0)	NS	ND(11)	ND(14)	ND(2.1)
5-Nitro-o-toluidine	ND(9.8)	ND(2.0)	NS	ND(11)	ND(14)	ND(2.1)
7,12-Dimethylbenz(a)anthracene	ND(3.9)	**ND(0.79) J**	NS	ND(4.3)	ND(5.7)	ND(0.81)
a,a'-Dimethylphenethylamine	ND(9.8)	ND(2.0)	NS	ND(11)	ND(14)	ND(2.1)
Acenaphthene	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Acenaphthylene	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Acetophenone	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Aniline	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Anthracene	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Aramite	**ND(3.9) J**	**ND(0.79) J**	NS	**ND(4.3) J**	**ND(5.7) J**	**ND(0.81) J**
Benzidine	ND(3.9)	ND(0.79)	NS	ND(4.3)	ND(5.7)	ND(0.81)
Benzo(a)anthracene	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Benzo(a)pyrene	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Benzo(b)fluoranthene	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Benzo(g,h,i)perylene	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Benzo(k)fluoranthene	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)

TABLE 2-2

GENERAL ELECTRIC COMPANY
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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-4 0-1 11/30/00	30s Complex RAA2-5 0-1 11/29/00	30s Complex RAA2-6 1-2 11/30/00	30s Complex RAA2-6 1-6 11/30/00	30s Complex RAA2-7 0-1 11/30/00	30s Complex RAA2-8 6-15 11/30/00
Semivolatile Organics (continued)						
Benzyl Alcohol	ND(3.9)	ND(0.79)	NS	ND(4.3)	ND(5.7)	ND(0.81)
bis(2-Chloroethoxy)methane	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
bis(2-Chloroethyl)ether	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
bis(2-Chloroisopropyl)ether	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
bis(2-Ethylhexyl)phthalate	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Butylbenzylphthalate	ND(3.9)	ND(0.79)	NS	ND(4.3)	ND(5.7)	ND(0.81)
Chrysene	ND(2.0)	ND(0.39)	NS	2.6	ND(2.8)	ND(0.40)
Diallate	ND(3.9)	ND(0.79)	NS	ND(4.3)	ND(5.7)	ND(0.81)
Dibenzo(a,h)anthracene	ND(3.9)	ND(0.79)	NS	ND(4.3)	ND(5.7)	ND(0.81)
Dibenzofuran	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Diethylphthalate	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Dimethylphthalate	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Di-n-Butylphthalate	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Di-n-Octylphthalate	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Diphenylamine	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Ethyl Methanesulfonate	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Fluoranthene	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Fluorene	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Hexachlorobenzene	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Hexachlorobutadiene	ND(3.9)	ND(0.79)	NS	ND(4.3)	ND(5.7)	ND(0.81)
Hexachlorocyclopentadiene	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Hexachloroethane	**ND(2.0) J**	ND(0.39)	NS	**ND(2.2) J**	ND(2.8)	**ND(0.40) J**
Hexachlorophene	**ND(3.9) J**	**ND(0.79) J**	NS	**ND(4.3) J**	**ND(5.7) J**	**ND(0.81) J**
Hexachloropropene	ND(2.0)	**ND(0.39) J**	NS	ND(2.2)	ND(2.8)	ND(0.40)
Indeno(1,2,3-cd)pyrene	ND(3.9)	ND(0.79)	NS	ND(4.3)	ND(5.7)	ND(0.81)
Isodrin	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Isophorone	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Isosafrole	ND(3.9)	ND(0.79)	NS	ND(4.3)	ND(5.7)	ND(0.81)
Methapyrilene	ND(9.8)	ND(2.0)	NS	ND(11)	ND(14)	ND(2.1)
Methyl Methanesulfonate	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Naphthalene	ND(2.0)	ND(0.39)	NS	2.6	ND(2.8)	ND(0.40)
Nitrobenzene	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
N-Nitrosodiethylamine	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
N-Nitrosodimethylamine	ND(9.8)	ND(1.9)	NS	ND(11)	ND(14)	ND(2.0)
N-Nitroso-di-n-butylamine	ND(3.9)	**ND(0.79) J**	NS	ND(4.3)	ND(5.7)	ND(0.81)
N-Nitroso-di-n-propylamine	ND(3.9)	ND(0.79)	NS	ND(4.3)	ND(5.7)	ND(0.81)
N-Nitrosodiphenylamine	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
N-Nitrosomethylethylamine	ND(2.0)	ND(0.79)	NS	ND(2.2)	ND(2.8)	ND(0.81)
N-Nitrosomorpholine	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
N-Nitrosopiperidine	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
N-Nitrosopyrrolidine	ND(3.9)	ND(0.79)	NS	ND(4.3)	ND(5.7)	ND(0.81)
o,o,o-Triethylphosphorothioate	ND(2.0)	**ND(0.39) J**	NS	ND(2.2)	ND(2.8)	ND(0.40)
o-Toluidine	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
p-Dimethylaminoazobenzene	ND(9.8)	ND(2.0)	NS	ND(11)	ND(14)	ND(2.1)
Pentachlorobenzene	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Pentachloroethane	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Pentachloronitrobenzene	**ND(9.8) J**	**ND(2.0) J**	NS	**ND(11) J**	ND(14)	**ND(2.1) J**
Pentachlorophenol	ND(9.8)	ND(2.0)	NS	ND(11)	ND(14)	ND(2.1)
Phenacetin	ND(9.8)	ND(2.0)	NS	ND(11)	ND(14)	ND(2.1)
Phenanthrene	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Phenol	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Pronamide	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Pyrene	ND(2.0)	ND(0.39)	NS	2.8	ND(2.8)	ND(0.40)
Pyridine	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Safrole	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)
Thionazin	ND(2.0)	ND(0.39)	NS	ND(2.2)	ND(2.8)	ND(0.40)

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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-4 0-1 11/30/00	30s Complex RAA2-5 0-1 11/29/00	30s Complex RAA2-6 1-2 11/30/00	30s Complex RAA2-6 1-6 11/30/00	30s Complex RAA2-7 0-1 11/30/00	30s Complex RAA2-8 6-15 11/30/00
Furans						
2,3,7,8-TCDF	ND(0.00000096)	0.0000099	NS	0.0000086	ND(0.00000020)	ND(0.00000010)
TCDFs (total)	0.0000012	0.000029	NS	0.000051	0.000026	ND(0.00000010)
1,2,3,7,8-PeCDF	0.00000081 w	0.00010 I	NS	0.0000016 w	0.0000043 w	ND(0.00000010)
2,3,4,7,8-PeCDF	0.00000076 I	0.000055 I	NS	0.0000018	ND(0.00000037)	ND(0.00000010)
PeCDFs (total)	0.0000067	0.00036	NS	0.000022	0.00020	ND(0.00000010)
1,2,3,4,7,8-HxCDF	0.0000099 I	0.0021 I	NS	0.000019 I	ND(0.0000012)	0.00000016 w
1,2,3,6,7,8-HxCDF	ND(0.00000068)	ND(0.000020)	NS	ND(0.00000034)	0.000064 I	ND(0.000000064)
1,2,3,7,8,9-HxCDF	ND(0.00000087)	ND(0.000026)	NS	ND(0.00000043)	ND(0.0000016)	ND(0.000000082)
2,3,4,6,7,8-HxCDF	0.0000015	0.00017	NS	0.0000014	ND(0.0000012)	ND(0.000000064)
HxCDFs (total)	0.000018	0.0024	NS	0.000020	0.00038	ND(0.000000064)
1,2,3,4,6,7,8-HpCDF	0.0000039 B	0.00012	NS	0.0000027 Bw	0.000042 B	ND(0.00000011)
1,2,3,4,7,8,9-HpCDF	ND(0.00000036)	0.000019	NS	ND(0.00000064)	ND(0.0000017)	ND(0.00000015)
HpCDFs (total)	0.0000039	0.00014	NS	ND(0.00000046)	0.000052	ND(0.00000011)
OCDF	0.0000055 B	0.000028	NS	0.0000030 B	0.000015 B	ND(0.00000013)
Total Furans	0.000035	0.0030	NS	0.000096	0.00067	ND(0.00000015)
Dioxins						
2,3,7,8-TCDD	ND(0.00000027)	ND(0.00000025)	NS	ND(0.00000018)	ND(0.00000021)	ND(0.00000016)
TCDDs (total)	ND(0.00000027)	0.00000061	NS	0.00000039	ND(0.00000021)	ND(0.00000016)
1,2,3,7,8-PeCDD	ND(0.00000069)	ND(0.0000012)	NS	ND(0.00000051)	ND(0.00000077)	ND(0.00000032)
PeCDDs (total)	ND(0.00000069)	ND(0.0000012)	NS	ND(0.00000051)	ND(0.00000077)	ND(0.00000032)
1,2,3,4,7,8-HxCDD	ND(0.00000065)	0.0000025 w	NS	ND(0.00000030)	ND(0.00000057)	ND(0.00000018)
1,2,3,6,7,8-HxCDD	ND(0.00000062)	0.0000036 w	NS	ND(0.00000029)	ND(0.00000054)	ND(0.00000018)
1,2,3,7,8,9-HxCDD	ND(0.00000061)	0.0000041	NS	ND(0.00000028)	ND(0.00000053)	ND(0.00000017)
HxCDDs (total)	ND(0.00000062)	0.000016	NS	ND(0.00000029)	ND(0.00000054)	ND(0.00000018)
1,2,3,4,6,7,8-HpCDD	0.0000036 B	0.000029	NS	0.0000017 Bw	0.000015 B	ND(0.00000017)
HpCDDs (total)	0.0000076	0.000054	NS	ND(0.00000050)	0.000028	ND(0.00000017)
OCDD	0.000027 B	0.000080	NS	0.0000087 B	0.00011 B	**ND(0.0000015)**
Total Dioxins	0.000035	0.00015	NS	0.0000091	0.00014	ND(0.0000015)
WHO TEF	0.0000023	0.00027	NS	0.0000044	0.0000081	0.00000033
Inorganics						
Antimony	ND(11.0)	ND(10.0)	NS	ND(12.0)	ND(11.0)	ND(11.0)
Arsenic	ND(18.0)	ND(18.0)	NS	43.0	ND(18.0)	ND(18.0)
Barium	ND(36.0)	43.0	NS	ND(39.0)	ND(37.0)	ND(36.0)
Beryllium	ND(0.180)	0.210	NS	ND(0.190)	ND(0.180)	ND(0.180)
Cadmium	ND(1.80)	ND(1.80)	NS	ND(1.90)	ND(1.80)	ND(1.80)
Chromium	ND(4.70)	8.80	NS	6.70	6.80	6.20
Cobalt	ND(8.90)	ND(8.80)	NS	ND(9.70)	11.0	13.0
Copper	ND(18.0)	81.0	NS	23.0	67.0	25.0
Cyanide	0.220	ND(1.00)	NS	ND(1.00)	0.130	ND(1.00)
Lead	10.0	31.0	NS	54.0	16.0	6.70
Mercury	ND(0.240)	4.90	NS	0.810	1.90	ND(0.240)
Nickel	10.0	41.0	NS	ND(7.80)	24.0	23.0
Selenium	**ND(0.890) J**	ND(0.880)	NS	**ND(0.970) J**	**ND(0.920) J**	**ND(0.910) J**
Silver	ND(0.890)	ND(0.880)	NS	ND(0.970)	ND(0.920)	ND(0.910)
Sulfide	ND(5.90)	ND(5.90)	NS	8.30	ND(6.10)	ND(6.10)
Thallium	ND(1.80)	ND(1.80)	NS	ND(1.90)	ND(1.80)	ND(1.80)
Tin	ND(53.0)	ND(53.0)	NS	ND(58.0)	ND(55.0)	ND(55.0)
Vanadium	9.70	180	NS	ND(9.70)	62.0	ND(9.10)
Zinc	30.0	77.0	NS	30.0	62.0	46.0

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(Results in ppm dry weight)

Removal Action Area:	30s Complex	30s Complex	30s Complex	30s Complex	30s Complex	30s Complex
Sample ID:	RAA2-8	RAA2-9	RAA2-9	RAA2-10	RAA2-11	RAA2-12
Sample Depth(Feet):	8-10	6-8	6-15	0-1	0-1	1-2
Parameter Date Collected:	11/30/00	12/05/00	12/05/00	01/04/01	12/04/00	12/05/00
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
1,1,1-Trichloroethane	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
1,1,2,2-Tetrachloroethane	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
1,1,2-Trichloroethane	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
1,1-Dichloroethane	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
1,1-Dichloroethene	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
1,2,3-Trichloropropane	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
1,2-Dibromo-3-chloropropane	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
1,2-Dibromoethane	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
1,2-Dichloroethane	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
1,2-Dichloropropane	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
1,4-Dioxane	**ND(0.20) J**	**ND(0.20) J**	NS	**ND(0.20) J**	**ND(0.20) J**	**ND(0.20) J**
2-Butanone	ND(0.10)	ND(0.10)	NS	ND(0.10)	ND(0.10)	ND(0.10)
2-Chloro-1,3-butadiene	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
2-Chloroethylvinylether	**ND(0.0062) J**	**ND(0.0063) J**	NS	**ND(0.0079) J**	**ND(0.23) J**	**ND(0.0066) J**
2-Hexanone	ND(0.012)	ND(0.013)	NS	ND(0.016)	ND(0.012)	ND(0.013)
3-Chloropropene	ND(0.012)	ND(0.013)	NS	ND(0.016)	ND(0.012)	ND(0.013)
4-Methyl-2-pentanone	**ND(0.012) J**	ND(0.013)	NS	**ND(0.016) J**	**ND(0.012) J**	ND(0.013)
Acetone	ND(0.10)	ND(0.10)	NS	ND(0.10)	ND(0.10)	**ND(0.10) J**
Acetonitrile	ND(0.12)	ND(0.13)	NS	ND(0.16)	ND(0.12)	**ND(0.13) J**
Acrolein	**ND(0.12) J**	**ND(0.13) J**	NS	**ND(0.16) J**	**ND(0.0059) J**	**ND(0.13) J**
Acrylonitrile	ND(0.012)	ND(0.013)	NS	ND(0.016)	ND(0.012)	ND(0.013)
Benzene	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
Bromodichloromethane	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
Bromoform	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
Bromomethane	ND(0.012)	ND(0.013)	NS	ND(0.016)	ND(0.012)	ND(0.013)
Carbon Disulfide	ND(0.010)	ND(0.010)	NS	ND(0.010)	ND(0.010)	ND(0.010)
Carbon Tetrachloride	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
Chlorobenzene	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
Chloroethane	ND(0.012)	ND(0.013)	NS	ND(0.016)	ND(0.012)	ND(0.013)
Chloroform	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
Chloromethane	ND(0.012)	ND(0.013)	NS	**ND(0.016) J**	ND(0.012)	ND(0.013)
cis-1,3-Dichloropropene	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
Dibromochloromethane	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
Dibromomethane	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
Dichlorodifluoromethane	ND(0.012)	ND(0.013)	NS	ND(0.016)	ND(0.012)	ND(0.013)
Ethyl Methacrylate	ND(0.012)	ND(0.013)	NS	ND(0.016)	ND(0.012)	ND(0.013)
Ethylbenzene	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
Iodomethane	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
Isobutanol	**ND(0.25) J**	**ND(0.25) J**	NS	**ND(0.32) J**	**ND(0.012) J**	**ND(0.26) J**
Methacrylonitrile	**ND(0.012) J**	ND(0.013)	NS	ND(0.016)	**ND(0.059) J**	ND(0.013)
Methyl Methacrylate	ND(0.012)	ND(0.013)	NS	ND(0.016)	ND(0.012)	ND(0.013)
Methylene Chloride	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
Propionitrile	**ND(0.062) J**	**ND(0.063) J**	NS	**ND(0.079) J**	**ND(0.12) J**	**ND(0.066) J**
Styrene	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
Tetrachloroethene	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
Toluene	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
trans-1,2-Dichloroethene	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
trans-1,3-Dichloropropene	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
trans-1,4-Dichloro-2-butene	ND(0.012)	ND(0.013)	NS	ND(0.016)	ND(0.012)	ND(0.013)
Trichloroethene	ND(0.0062)	ND(0.0063)	NS	ND(0.0079)	ND(0.0059)	ND(0.0066)
Trichlorofluoromethane	ND(0.0062)	ND(0.0063)	NS	**ND(0.0079) J**	ND(0.0059)	ND(0.0066)
Vinyl Acetate	ND(0.012)	ND(0.013)	NS	ND(0.016)	ND(0.012)	ND(0.013)
Vinyl Chloride	ND(0.012)	ND(0.013)	NS	ND(0.016)	ND(0.012)	ND(0.013)
Xylenes (total)	ND(0.0062)	ND(0.0063)	NS	ND(0.016)	ND(0.0059)	ND(0.0066)

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-8 8-10 11/30/00	30s Complex RAA2-9 6-8 12/05/00	30s Complex RAA2-9 6-15 12/05/00	30s Complex RAA2-10 0-1 01/04/01	30s Complex RAA2-11 0-1 12/04/00	30s Complex RAA2-12 1-2 12/05/00
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
1,2,4-Trichlorobenzene	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
1,2-Dichlorobenzene	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
1,2-Diphenylhydrazine	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
1,3,5-Trinitrobenzene	NS	NS	ND(0.86)	**ND(5.6) J**	ND(3.9)	NS
1,3-Dichlorobenzene	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
1,3-Dinitrobenzene	NS	NS	ND(2.2)	ND(14)	**ND(9.7) J**	NS
1,4-Dichlorobenzene	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
1,4-Naphthoquinone	NS	NS	ND(2.2)	ND(14)	**ND(9.7) J**	NS
1-Naphthylamine	NS	NS	ND(2.2)	ND(14)	ND(9.7)	NS
2,3,4,6-Tetrachlorophenol	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
2,4,5-Trichlorophenol	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
2,4,6-Trichlorophenol	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
2,4-Dichlorophenol	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
2,4-Dimethylphenol	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
2,4-Dinitrophenol	NS	NS	ND(2.2)	ND(14)	ND(9.7)	NS
2,4-Dinitrotoluene	NS	NS	ND(2.2)	ND(14)	ND(9.7)	NS
2,6-Dichlorophenol	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
2,6-Dinitrotoluene	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
2-Acetylaminofluorene	NS	NS	ND(0.86)	ND(5.6)	ND(3.9)	NS
2-Chloronaphthalene	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
2-Chlorophenol	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
2-Methylnaphthalene	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
2-Methylphenol	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
2-Naphthylamine	NS	NS	ND(2.2)	ND(14)	ND(9.7)	NS
2-Nitroaniline	NS	NS	ND(2.2)	ND(14)	ND(9.7)	NS
2-Nitrophenol	NS	NS	ND(0.86)	ND(5.6)	ND(3.9)	NS
2-Picoline	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
3&4-Methylphenol	NS	NS	ND(0.86)	ND(5.6)	ND(3.9)	NS
3,3'-Dichlorobenzidine	NS	NS	ND(2.2)	ND(14)	ND(9.7)	NS
3,3'-Dimethylbenzidine	NS	NS	ND(2.2)	ND(14)	ND(9.7)	NS
3-Methylcholanthrene	NS	NS	ND(0.86)	ND(5.6)	ND(3.9)	NS
3-Nitroaniline	NS	NS	ND(2.2)	ND(14)	ND(9.7)	NS
4,6-Dinitro-2-methylphenol	NS	NS	ND(0.42)	**ND(2.8) J**	ND(1.9)	NS
4-Aminobiphenyl	NS	NS	ND(0.86)	ND(5.6)	ND(3.9)	NS
4-Bromophenyl-phenylether	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
4-Chloro-3-Methylphenol	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
4-Chloroaniline	NS	NS	ND(0.86)	ND(5.6)	ND(3.9)	NS
4-Chlorobenzilate	NS	NS	ND(2.2)	ND(14)	ND(9.7)	NS
4-Chlorophenyl-phenylether	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
4-Nitroaniline	NS	NS	ND(2.2)	ND(14)	ND(9.7)	NS
4-Nitrophenol	NS	NS	ND(2.2)	ND(14)	ND(9.7)	NS
4-Nitroquinoline-1-oxide	NS	NS	ND(2.2)	**ND(14) J**	ND(9.7)	NS
4-Phenylenediamine	NS	NS	ND(2.2)	ND(14)	ND(9.7)	NS
5-Nitro-o-toluidine	NS	NS	ND(2.2)	ND(14)	ND(9.7)	NS
7,12-Dimethylbenz(a)anthracene	NS	NS	ND(0.86)	ND(5.6)	ND(3.9)	NS
a,a'-Dimethylphenethylamine	NS	NS	ND(2.2)	ND(14)	ND(9.7)	NS
Acenaphthene	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Acenaphthylene	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Acetophenone	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Aniline	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Anthracene	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Aramite	NS	NS	ND(0.86)	**ND(5.6) J**	**ND(3.9) J**	NS
Benzidine	NS	NS	ND(0.86)	**ND(5.6) J**	ND(3.9)	NS
Benzo(a)anthracene	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Benzo(a)pyrene	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Benzo(b)fluoranthene	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Benzo(g,h,i)perylene	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Benzo(k)fluoranthene	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area:	30s Complex	30s Complex	30s Complex	30s Complex	30s Complex	30s Complex
Sample ID:	RAA2-8	RAA2-9	RAA2-9	RAA2-10	RAA2-11	RAA2-12
Sample Depth(Feet):	8-10	6-8	6-15	0-1	0-1	1-2
Parameter Date Collected:	11/30/00	12/05/00	12/05/00	01/04/01	12/04/00	12/05/00
Semivolatile Organics (continued)						
Benzyl Alcohol	NS	NS	ND(0.86)	ND(5.6)	ND(3.9)	NS
bis(2-Chloroethoxy)methane	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
bis(2-Chloroethyl)ether	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
bis(2-Chloroisopropyl)ether	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
bis(2-Ethylhexyl)phthalate	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Butylbenzylphthalate	NS	NS	ND(0.86)	ND(5.6)	ND(3.9)	NS
Chrysene	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Diallate	NS	NS	ND(0.86)	ND(5.6)	ND(3.9)	NS
Dibenzo(a,h)anthracene	NS	NS	ND(0.86)	ND(5.6)	ND(3.9)	NS
Dibenzofuran	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Diethylphthalate	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Dimethylphthalate	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Di-n-Butylphthalate	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Di-n-Octylphthalate	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Diphenylamine	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Ethyl Methanesulfonate	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Fluoranthene	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Fluorene	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Hexachlorobenzene	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Hexachlorobutadiene	NS	NS	ND(0.86)	ND(5.6)	ND(3.9)	NS
Hexachlorocyclopentadiene	NS	NS	ND(0.42)	**ND(2.8) J**	ND(1.9)	NS
Hexachloroethane	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Hexachlorophene	NS	NS	ND(0.86)	**ND(5.6) J**	**ND(3.9) J**	NS
Hexachloropropene	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Indeno(1,2,3-cd)pyrene	NS	NS	ND(0.86)	ND(5.6)	ND(3.9)	NS
Isodrin	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Isophorone	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Isosafrole	NS	NS	ND(0.86)	ND(5.6)	ND(3.9)	NS
Methapyrilene	NS	NS	ND(2.2)	**ND(14) J**	ND(9.7)	NS
Methyl Methanesulfonate	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Naphthalene	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Nitrobenzene	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
N-Nitrosodiethylamine	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
N-Nitrosodimethylamine	NS	NS	ND(0.86)	ND(14)	ND(9.7)	NS
N-Nitroso-di-n-butylamine	NS	NS	ND(0.86)	**ND(5.6) J**	ND(3.9)	NS
N-Nitroso-di-n-propylamine	NS	NS	ND(0.86)	ND(5.6)	ND(3.9)	NS
N-Nitrosodiphenylamine	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
N-Nitrosomethylethylamine	NS	NS	ND(0.86)	ND(2.8)	ND(1.9)	NS
N-Nitrosomorpholine	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
N-Nitrosopiperidine	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
N-Nitrosopyrrolidine	NS	NS	ND(0.86)	ND(5.6)	ND(3.9)	NS
o,o,o-Triethylphosphorothioate	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
o-Toluidine	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
p-Dimethylaminoazobenzene	NS	NS	ND(2.2)	ND(14)	ND(9.7)	NS
Pentachlorobenzene	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Pentachloroethane	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Pentachloronitrobenzene	NS	NS	**ND(2.2) J**	ND(14)	ND(9.7)	NS
Pentachlorophenol	NS	NS	ND(2.2)	ND(14)	ND(9.7)	NS
Phenacetin	NS	NS	ND(2.2)	ND(14)	ND(9.7)	NS
Phenanthrene	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Phenol	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Pronamide	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Pyrene	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Pyridine	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Safrole	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS
Thionazin	NS	NS	ND(0.42)	ND(2.8)	ND(1.9)	NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-8 8-10 11/30/00	30s Complex RAA2-9 6-8 12/05/00	30s Complex RAA2-9 6-15 12/05/00	30s Complex RAA2-10 0-1 01/04/01	30s Complex RAA2-11 0-1 12/04/00	30s Complex RAA2-12 1-2 12/05/00
Furans						
2,3,7,8-TCDF	NS	NS	ND(0.000000094)	0.0000061	ND(0.0000081)	NS
TCDFs (total)	NS	NS	ND(0.000000094)	0.000050 I	0.00022	NS
1,2,3,7,8-PeCDF	NS	NS	ND(0.000000032)	0.0000025	0.000015 w	NS
2,3,4,7,8-PeCDF	NS	NS	ND(0.000000032)	0.0000095	0.0000088	NS
PeCDFs (total)	NS	NS	0.00000012	0.00017 I	0.00048	NS
1,2,3,4,7,8-HxCDF	NS	NS	ND(0.000000048)	0.0000060	0.00012	NS
1,2,3,6,7,8-HxCDF	NS	NS	ND(0.000000046)	0.0000070	ND(0.0000039)	NS
1,2,3,7,8,9-HxCDF	NS	NS	ND(0.000000056)	0.0000018 J	ND(0.0000050)	NS
2,3,4,6,7,8-HxCDF	NS	NS	ND(0.000000051)	0.000025	0.000015	NS
HxCDFs (total)	NS	NS	0.00000026	0.00030	0.00029	NS
1,2,3,4,6,7,8-HpCDF	NS	NS	**ND(0.000000057)**	0.000038	0.000014 B	NS
1,2,3,4,7,8,9-HpCDF	NS	NS	ND(0.000000066)	0.0000030	0.0000043	NS
HpCDFs (total)	NS	NS	0.000000057 J	0.000086	0.000018	NS
OCDF	NS	NS	ND(0.00000012)	0.000013	0.000020 B	NS
Total Furans	NS	NS	0.00000044	0.00062	0.0010	NS
Dioxins						
2,3,7,8-TCDD	NS	NS	ND(0.000000078)	**ND(0.00000039)**	ND(0.00000089)	NS
TCDDs (total)	NS	NS	ND(0.000000078)	0.0000014	0.000018	NS
1,2,3,7,8-PeCDD	NS	NS	ND(0.000000048)	**ND(0.00000032)**	ND(0.000014)	NS
PeCDDs (total)	NS	NS	ND(0.00000039)	**ND(0.0000021)**	ND(0.000014)	NS
1,2,3,4,7,8-HxCDD	NS	NS	ND(0.000000085)	**ND(0.00000075)**	ND(0.0000014)	NS
1,2,3,6,7,8-HxCDD	NS	NS	ND(0.000000089)	**ND(0.00000053)**	ND(0.0000013)	NS
1,2,3,7,8,9-HxCDD	NS	NS	ND(0.000000080)	**ND(0.00000064)**	ND(0.0000013)	NS
HxCDDs (total)	NS	NS	ND(0.00000036)	0.0000090	ND(0.0000013)	NS
1,2,3,4,6,7,8-HpCDD	NS	NS	**ND(0.00000019)**	0.000011	0.000013 B	NS
HpCDDs (total)	NS	NS	**ND(0.00000019)**	0.000022	0.000027	NS
OCDD	NS	NS	**ND(0.00000055)**	0.000056	0.000021 B	NS
Total Dioxins	NS	NS	ND(0.00000055)	0.000088	0.000066	NS
WHO TEF	NS	NS	0.00000010	0.000010	0.000027	NS
Inorganics						
Antimony	NS	NS	ND(12.0)	**ND(14) J**	ND(10.0)	NS
Arsenic	NS	NS	ND(19.0)	ND(15.0)	ND(18.0)	NS
Barium	NS	NS	ND(39.0)	34.0	ND(35.0)	NS
Beryllium	NS	NS	0.200	0.260	0.280	NS
Cadmium	NS	NS	ND(1.90)	ND(2.40)	ND(1.80)	NS
Chromium	NS	NS	9.60	17.0	ND(4.70)	NS
Cobalt	NS	NS	15.0	ND(12.0)	ND(8.80)	NS
Copper	NS	NS	29.0	150	ND(18.0)	NS
Cyanide	NS	NS	ND(1.30)	ND(1.00)	ND(1.20)	NS
Lead	NS	NS	11.0	74.0	13.0	NS
Mercury	NS	NS	ND(0.260)	ND(0.320)	2.10	NS
Nickel	NS	NS	22.0	21.0	8.60	NS
Selenium	NS	NS	ND(0.970)	ND(1.20)	ND(0.880)	NS
Silver	NS	NS	ND(0.970)	ND(1.20)	ND(0.880)	NS
Sulfide	NS	NS	8.20	25.0	7.50	NS
Thallium	NS	NS	ND(1.90)	**ND(2.4) J**	ND(1.80)	NS
Tin	NS	NS	ND(58.0)	ND(71.0)	ND(53.0)	NS
Vanadium	NS	NS	ND(9.70)	26.0	ND(8.80)	NS
Zinc	NS	NS	52.0	140	29.0	NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-12 1-6 12/05/00	30s Complex RAA2-13 1-2 11/27/00	30s Complex RAA2-13 1-6 11/27/00	30s Complex RAA2-14 0-1 12/04/00	30s Complex RAA2-15 6-8 01/05/01	30s Complex RAA2-15 6-9.1 01/05/01
Volatile Organics						
1,1,1,2-Tetrachloroethane	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
1,1,1-Trichloroethane	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
1,1,2,2-Tetrachloroethane	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
1,1,2-Trichloroethane	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
1,1-Dichloroethane	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
1,1-Dichloroethene	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
1,2,3-Trichloropropane	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
1,2-Dibromo-3-chloropropane	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
1,2-Dibromoethane	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
1,2-Dichloroethane	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
1,2-Dichloropropane	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
1,4-Dioxane	NS	**ND(0.20) J**	NS	**ND(0.20) J**	ND(0.20)	NS
2-Butanone	NS	ND(0.10)	NS	ND(0.10)	ND(0.10)	NS
2-Chloro-1,3-butadiene	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
2-Chloroethylvinylether	NS	ND(0.0078)	NS	**ND(0.0060) J**	ND(0.0065)	NS
2-Hexanone	NS	ND(0.016)	NS	ND(0.012)	ND(0.013)	NS
3-Chloropropene	NS	ND(0.016)	NS	ND(0.012)	ND(0.013)	NS
4-Methyl-2-pentanone	NS	ND(0.016)	NS	**ND(0.012) J**	ND(0.013)	NS
Acetone	NS	ND(0.10)	NS	ND(0.10)	ND(0.10)	NS
Acetonitrile	NS	ND(0.16)	NS	ND(0.12)	ND(0.13)	NS
Acrolein	NS	**ND(0.16) J**	NS	**ND(0.12) J**	ND(0.13)	NS
Acrylonitrile	NS	ND(0.016)	NS	ND(0.012)	ND(0.013)	NS
Benzene	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
Bromodichloromethane	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
Bromoform	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
Bromomethane	NS	ND(0.016)	NS	ND(0.012)	ND(0.013)	NS
Carbon Disulfide	NS	ND(0.010)	NS	ND(0.010)	ND(0.010)	NS
Carbon Tetrachloride	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
Chlorobenzene	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
Chloroethane	NS	ND(0.016)	NS	ND(0.012)	ND(0.013)	NS
Chloroform	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
Chloromethane	NS	ND(0.016)	NS	ND(0.012)	ND(0.013)	NS
cis-1,3-Dichloropropene	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
Dibromochloromethane	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
Dibromomethane	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
Dichlorodifluoromethane	NS	ND(0.016)	NS	ND(0.012)	ND(0.013)	NS
Ethyl Methacrylate	NS	ND(0.016)	NS	ND(0.012)	ND(0.013)	NS
Ethylbenzene	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
Iodomethane	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
Isobutanol	NS	**ND(0.31) J**	NS	**ND(0.24) J**	ND(0.26)	NS
Methacrylonitrile	NS	ND(0.016)	NS	**ND(0.012) J**	ND(0.013)	NS
Methyl Methacrylate	NS	ND(0.016)	NS	ND(0.012)	ND(0.013)	NS
Methylene Chloride	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
Propionitrile	NS	**ND(0.078) J**	NS	**ND(0.060) J**	ND(0.065)	NS
Styrene	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
Tetrachloroethene	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
Toluene	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
trans-1,2-Dichloroethene	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
trans-1,3-Dichloropropene	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
trans-1,4-Dichloro-2-butene	NS	ND(0.016)	NS	ND(0.012)	ND(0.013)	NS
Trichloroethene	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
Trichlorofluoromethane	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS
Vinyl Acetate	NS	ND(0.016)	NS	ND(0.012)	ND(0.013)	NS
Vinyl Chloride	NS	ND(0.016)	NS	ND(0.012)	ND(0.013)	NS
Xylenes (total)	NS	ND(0.0078)	NS	ND(0.0060)	ND(0.0065)	NS

TABLE 2-2

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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-12 1-6 12/05/00	30s Complex RAA2-13 1-2 11/27/00	30s Complex RAA2-13 1-6 11/27/00	30s Complex RAA2-14 0-1 12/04/00	30s Complex RAA2-15 6-8 01/05/01	30s Complex RAA2-15 6-9.1 01/05/01
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
1,2,4-Trichlorobenzene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
1,2-Dichlorobenzene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
1,2-Diphenylhydrazine	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
1,3,5-Trinitrobenzene	ND(0.87)	NS	**ND(0.82) J**	ND(16)	NS	ND(0.89)
1,3-Dichlorobenzene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
1,3-Dinitrobenzene	ND(2.2)	NS	ND(2.0)	**ND(39) J**	NS	ND(2.2)
1,4-Dichlorobenzene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
1,4-Naphthoquinone	ND(2.2)	NS	ND(2.0)	**ND(39) J**	NS	ND(2.2)
1-Naphthylamine	ND(2.2)	NS	ND(2.0)	ND(39)	NS	ND(2.2)
2,3,4,6-Tetrachlorophenol	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
2,4,5-Trichlorophenol	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
2,4,6-Trichlorophenol	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
2,4-Dichlorophenol	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
2,4-Dimethylphenol	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
2,4-Dinitrophenol	ND(2.2)	NS	ND(2.0)	ND(39)	NS	ND(2.2)
2,4-Dinitrotoluene	ND(2.2)	NS	ND(2.0)	ND(39)	NS	ND(2.2)
2,6-Dichlorophenol	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
2,6-Dinitrotoluene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
2-Acetylaminofluorene	ND(0.87)	NS	ND(0.80)	ND(16)	NS	ND(0.89)
2-Chloronaphthalene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
2-Chlorophenol	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
2-Methylnaphthalene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
2-Methylphenol	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
2-Naphthylamine	ND(2.2)	NS	ND(2.0)	ND(39)	NS	ND(2.2)
2-Nitroaniline	ND(2.2)	NS	ND(2.0)	ND(39)	NS	ND(2.2)
2-Nitrophenol	ND(0.87)	NS	ND(0.80)	ND(16)	NS	ND(0.89)
2-Picoline	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
3&4-Methylphenol	ND(0.87)	NS	ND(0.80)	ND(16)	NS	ND(0.89)
3,3'-Dichlorobenzidine	ND(2.2)	NS	ND(2.0)	ND(39)	NS	ND(2.2)
3,3'-Dimethylbenzidine	ND(2.2)	NS	ND(2.0)	ND(39)	NS	ND(2.2)
3-Methylcholanthrene	ND(0.87)	NS	**ND(0.82) J**	ND(16)	NS	ND(0.89)
3-Nitroaniline	ND(2.2)	NS	ND(2.0)	ND(39)	NS	ND(2.2)
4,6-Dinitro-2-methylphenol	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
4-Aminobiphenyl	ND(0.87)	NS	ND(0.80)	ND(16)	NS	ND(0.89)
4-Bromophenyl-phenylether	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
4-Chloro-3-Methylphenol	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
4-Chloroaniline	ND(0.87)	NS	ND(0.80)	ND(16)	NS	ND(0.89)
4-Chlorobenzilate	ND(2.2)	NS	ND(2.0)	ND(39)	NS	ND(2.2)
4-Chlorophenyl-phenylether	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
4-Nitroaniline	ND(2.2)	NS	ND(2.0)	ND(39)	NS	ND(2.2)
4-Nitrophenol	ND(2.2)	NS	ND(2.0)	ND(39)	NS	ND(2.2)
4-Nitroquinoline-1-oxide	ND(2.2)	NS	**ND(2.1) J**	ND(39)	NS	ND(2.2)
4-Phenylenediamine	ND(2.2)	NS	**ND(2.1) J**	ND(39)	NS	ND(2.2)
5-Nitro-o-toluidine	ND(2.2)	NS	ND(2.0)	ND(39)	NS	ND(2.2)
7,12-Dimethylbenz(a)anthracene	ND(0.87)	NS	ND(0.80)	ND(16)	NS	ND(0.89)
a,a'-Dimethylphenethylamine	ND(2.2)	NS	ND(2.0)	ND(39)	NS	ND(2.2)
Acenaphthene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Acenaphthylene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Acetophenone	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Aniline	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Anthracene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Aramite	ND(0.87)	NS	ND(0.80)	**ND(16) J**	NS	ND(0.89)
Benzidine	ND(0.87)	NS	**ND(0.82) J**	ND(16)	NS	ND(0.89)
Benzo(a)anthracene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	1.6
Benzo(a)pyrene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	2.1
Benzo(b)fluoranthene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	1.6
Benzo(g,h,i)perylene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	1.8
Benzo(k)fluoranthene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	1.7

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PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area:	30s Complex	30s Complex	30s Complex	30s Complex	30s Complex	30s Complex
Sample ID:	RAA2-12	RAA2-13	RAA2-13	RAA2-14	RAA2-15	RAA2-15
Sample Depth(Feet):	1-6	1-2	1-6	0-1	6-8	6-9.1
Parameter Date Collected:	12/05/00	11/27/00	11/27/00	12/04/00	01/05/01	01/05/01
Semivolatile Organics (continued)						
Benzyl Alcohol	ND(0.87)	NS	ND(0.80)	ND(16)	NS	ND(0.89)
bis(2-Chloroethoxy)methane	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
bis(2-Chloroethyl)ether	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
bis(2-Chloroisopropyl)ether	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
bis(2-Ethylhexyl)phthalate	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Butylbenzylphthalate	ND(0.87)	NS	ND(0.80)	ND(16)	NS	ND(0.89)
Chrysene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	1.5
Diallate	ND(0.87)	NS	ND(0.80)	ND(16)	NS	ND(0.89)
Dibenzo(a,h)anthracene	ND(0.87)	NS	ND(0.80)	ND(16)	NS	ND(0.89)
Dibenzofuran	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Diethylphthalate	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Dimethylphthalate	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Di-n-Butylphthalate	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Di-n-Octylphthalate	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Diphenylamine	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Ethyl Methanesulfonate	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Fluoranthene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	2.6
Fluorene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Hexachlorobenzene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Hexachlorobutadiene	ND(0.87)	NS	ND(0.80)	ND(16)	NS	ND(0.89)
Hexachlorocyclopentadiene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Hexachloroethane	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Hexachlorophene	ND(0.87)	NS	**ND(0.82) J**	**ND(16) J**	NS	ND(0.89)
Hexachloropropene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Indeno(1,2,3-cd)pyrene	ND(0.87)	NS	ND(0.80)	ND(16)	NS	1.7
Isodrin	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Isophorone	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Isosafrole	ND(0.87)	NS	ND(0.80)	ND(16)	NS	ND(0.89)
Methapyrilene	ND(2.2)	NS	ND(2.0)	ND(39)	NS	ND(2.2)
Methyl Methanesulfonate	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Naphthalene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Nitrobenzene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
N-Nitrosodiethylamine	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
N-Nitrosodimethylamine	ND(0.87)	NS	ND(0.80)	ND(39)	NS	ND(2.2)
N-Nitroso-di-n-butylamine	ND(0.87)	NS	ND(0.80)	ND(16)	NS	ND(0.89)
N-Nitroso-di-n-propylamine	ND(0.87)	NS	ND(0.80)	ND(16)	NS	ND(0.89)
N-Nitrosodiphenylamine	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
N-Nitrosomethylethylamine	ND(0.87)	NS	ND(0.80)	ND(7.9)	NS	ND(0.89)
N-Nitrosomorpholine	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
N-Nitrosopiperidine	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
N-Nitrosopyrrolidine	ND(0.87)	NS	ND(0.80)	ND(16)	NS	ND(0.89)
o,o,o-Triethylphosphorothioate	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
o-Toluidine	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
p-Dimethylaminoazobenzene	ND(2.2)	NS	ND(2.0)	ND(39)	NS	ND(2.2)
Pentachlorobenzene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Pentachloroethane	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Pentachloronitrobenzene	**ND(2.2) J**	NS	**ND(2.1) J**	ND(39)	NS	ND(2.2)
Pentachlorophenol	ND(2.2)	NS	ND(2.0)	ND(39)	NS	ND(2.2)
Phenacetin	ND(2.2)	NS	ND(2.0)	ND(39)	NS	ND(2.2)
Phenanthrene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Phenol	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Pronamide	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Pyrene	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	2.3
Pyridine	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Safrole	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)
Thionazin	ND(0.43)	NS	ND(0.39)	ND(7.9)	NS	ND(0.44)

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-12 1-6 12/05/00	30s Complex RAA2-13 1-2 11/27/00	30s Complex RAA2-13 1-6 11/27/00	30s Complex RAA2-14 0-1 12/04/00	30s Complex RAA2-15 6-8 01/05/01	30s Complex RAA2-15 6-9.1 01/05/01
Furans						
2,3,7,8-TCDF	0.000011	NS	ND(0.00000051)	0.0000021 gw	NS	0.00000042 J
TCDFs (total)	0.000084	NS	ND(0.00000051)	ND(0.0000012)	NS	0.000012
1,2,3,7,8-PeCDF	0.0000054	NS	ND(0.00000039)	ND(0.0000015)	NS	0.00000038 J
2,3,4,7,8-PeCDF	0.000010	NS	ND(0.00000038)	ND(0.0000015)	NS	0.00000074 J
PeCDFs (total)	0.00012	NS	0.00000092	0.000037	NS	0.0000069 I
1,2,3,4,7,8-HxCDF	0.0000097	NS	0.0000045 I	0.000022 B	NS	0.00000051 J
1,2,3,6,7,8-HxCDF	0.0000064	NS	ND(0.00000021)	ND(0.0000019)	NS	0.00000048 J
1,2,3,7,8,9-HxCDF	0.0000016 J	NS	ND(0.00000026)	ND(0.0000025)	NS	ND(0.000000074)
2,3,4,6,7,8-HxCDF	0.000011	NS	ND(0.00000021)	0.00000068 J	NS	0.00000052 J
HxCDFs (total)	0.00015	NS	0.0000034	0.000036	NS	0.0000042
1,2,3,4,6,7,8-HpCDF	0.000020	NS	0.00000053 w	0.0000069	NS	0.0000021 J
1,2,3,4,7,8,9-HpCDF	0.0000033	NS	ND(0.00000030)	ND(0.0000045)	NS	ND(0.000000082)
HpCDFs (total)	0.000046	NS	ND(0.00000022)	0.0000069	NS	0.0000024
OCDF	0.000017	NS	ND(0.00000028)	ND(0.000014)	NS	0.00000066 J
Total Furans	0.00042	NS	0.0000043	0.000080	NS	0.000026
Dioxins						
2,3,7,8-TCDD	0.00000022 w	NS	ND(0.00000043)	ND(0.0000012)	NS	0.00000021 w
TCDDs (total)	0.0000012	NS	ND(0.00000043)	ND(0.0000012)	NS	0.0000039
1,2,3,7,8-PeCDD	0.00000062 w	NS	ND(0.0000021)	ND(0.0000034)	NS	0.00000029 J
PeCDDs (total)	0.0000054	NS	ND(0.0000021)	ND(0.0000034)	NS	0.0000033 I
1,2,3,4,7,8-HxCDD	0.00000038 J	NS	ND(0.00000066)	ND(0.0000022)	NS	0.00000016 J
1,2,3,6,7,8-HxCDD	0.00000073 J	NS	ND(0.00000063)	ND(0.0000021)	NS	0.00000024 J
1,2,3,7,8,9-HxCDD	0.00000040 J	NS	ND(0.00000062)	ND(0.0000020)	NS	0.00000012 J
HxCDDs (total)	0.0000096	NS	ND(0.00000063)	ND(0.0000021)	NS	0.0000014
1,2,3,4,6,7,8-HpCDD	0.0000053	NS	ND(0.00000026)	ND(0.0000082) B	NS	**ND(0.00000092)**
HpCDDs (total)	0.000011	NS	ND(0.00000026)	0.000012	NS	0.0000020
OCDD	0.000038	NS	**N(0.0000014)**	0.000061 B	NS	**ND(0.0000027)**
Total Dioxins	0.000065	NS	0.0000014	0.000073	NS	0.000011
WHO TEF	0.000011	NS	0.0000020	0.0000059	NS	0.0000012
Inorganics						
Antimony	ND(12.0)	NS	ND(11.0)	ND(11.0)	NS	ND(12.0)
Arsenic	ND(19.0)	NS	ND(18.0)	ND(18.0)	NS	ND(20.0)
Barium	ND(39.0)	NS	ND(36.0)	ND(36.0)	NS	ND(40.0)
Beryllium	0.240	NS	0.240	0.380	NS	0.280
Cadmium	ND(1.90)	NS	ND(1.80)	ND(1.80)	NS	3.20
Chromium	12.0	NS	8.30	6.90	NS	9.80
Cobalt	10.0	NS	9.90	10.0	NS	ND(10.0)
Copper	120	NS	30.0	27.0	NS	100
Cyanide	ND(1.30)	NS	ND(1.00)	ND(1.00)	NS	ND(1.00)
Lead	57.0	NS	19.0	21.0	NS	100
Mercury	ND(0.260)	NS	ND(0.240)	ND(0.240)	NS	ND(0.260)
Nickel	20.0	NS	16.0	12.0	NS	19.0
Selenium	ND(0.970)	NS	ND(0.890)	ND(0.890)	NS	ND(1.00)
Silver	ND(0.970)	NS	ND(0.890)	ND(0.890)	NS	ND(1.00)
Sulfide	12.0	NS	ND(5.90)	9.30	NS	15.0
Thallium	ND(1.90)	NS	ND(1.80)	2.40	NS	ND(2.00)
Tin	ND(58.0)	NS	ND(54.0)	ND(54.0)	NS	ND(60.0)
Vanadium	12.0	NS	ND(8.90)	27.0	NS	ND(10.0)
Zinc	110	NS	44.0	44.0	NS	1600

TABLE 2-2

GENERAL ELECTRIC COMPANY
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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-16 0-1 12/06/00	30s Complex RAA2-17 0-1 12/01/00	30s Complex RAA2-18 1-6 01/03/01	30s Complex RAA2-18 4-6 01/03/01	30s Complex RAA2-19 0-1 12/06/00	30s Complex RAA2-20 0-1 01/08/01
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
1,1,1-Trichloroethane	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
1,1,2,2-Tetrachloroethane	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
1,1,2-Trichloroethane	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
1,1-Dichloroethane	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
1,1-Dichloroethene	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
1,2,3-Trichloropropane	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
1,2-Dibromo-3-chloropropane	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
1,2-Dibromoethane	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
1,2-Dichloroethane	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
1,2-Dichloropropane	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
1,4-Dioxane	**ND(0.20) J**	**ND(0.20) J**	NS	**ND(0.20) J**	**ND(0.20) J**	**ND(0.20) J**
2-Butanone	ND(0.10)	ND(0.10)	NS	ND(0.10)	ND(0.10)	ND(0.10)
2-Chloro-1,3-butadiene	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
2-Chloroethylvinylether	**ND(0.0066) J**	**ND(0.0062) J**	NS	ND(0.0065)	**ND(0.0060) J**	**ND(0.0069) J**
2-Hexanone	ND(0.013)	ND(0.012)	NS	ND(0.013)	ND(0.012)	ND(0.014)
3-Chloropropene	ND(0.013)	ND(0.012)	NS	ND(0.013)	ND(0.012)	ND(0.014)
4-Methyl-2-pentanone	ND(0.013)	**ND(0.012) J**	NS	**ND(0.013) J**	ND(0.012)	**ND(0.014) J**
Acetone	**ND(0.10) J**	ND(0.10)	NS	ND(0.10)	**ND(0.10) J**	ND(0.10)
Acetonitrile	**ND(0.13) J**	ND(0.12)	NS	**ND(0.065) J**	**ND(0.12) J**	ND(0.14)
Acrolein	**ND(0.13) J**	**ND(0.12) J**	NS	**ND(0.13) J**	**ND(0.12) J**	**ND(0.14) J**
Acrylonitrile	ND(0.013)	ND(0.012)	NS	ND(0.013)	ND(0.012)	ND(0.014)
Benzene	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
Bromodichloromethane	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
Bromoform	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
Bromomethane	ND(0.013)	ND(0.012)	NS	ND(0.013)	ND(0.012)	ND(0.014)
Carbon Disulfide	ND(0.010)	ND(0.010)	NS	ND(0.010)	ND(0.010)	ND(0.010)
Carbon Tetrachloride	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
Chlorobenzene	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
Chloroethane	ND(0.013)	ND(0.012)	NS	ND(0.013)	ND(0.012)	ND(0.014)
Chloroform	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
Chloromethane	ND(0.013)	ND(0.012)	NS	**ND(0.13) J**	ND(0.012)	ND(0.014)
cis-1,3-Dichloropropene	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
Dibromochloromethane	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
Dibromomethane	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
Dichlorodifluoromethane	ND(0.013)	ND(0.012)	NS	ND(0.013)	ND(0.012)	ND(0.014)
Ethyl Methacrylate	ND(0.013)	ND(0.012)	NS	ND(0.013)	ND(0.012)	ND(0.014)
Ethylbenzene	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
Iodomethane	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
Isobutanol	**ND(0.26) J**	**ND(0.25) J**	NS	**ND(0.013) J**	**ND(0.24) J**	**ND(0.27) J**
Methacrylonitrile	ND(0.013)	**ND(0.012) J**	NS	ND(0.013)	ND(0.012)	ND(0.014)
Methyl Methacrylate	ND(0.013)	ND(0.012)	NS	ND(0.013)	ND(0.012)	ND(0.014)
Methylene Chloride	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
Propionitrile	**ND(0.066) J**	**ND(0.062) J**	NS	**ND(0.26) J**	**ND(0.060) J**	**ND(0.069) J**
Styrene	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
Tetrachloroethene	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
Toluene	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
trans-1,2-Dichloroethene	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
trans-1,3-Dichloropropene	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
trans-1,4-Dichloro-2-butene	ND(0.013)	ND(0.012)	NS	ND(0.013)	ND(0.012)	ND(0.014)
Trichloroethene	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)
Trichlorofluoromethane	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	**ND(0.0069) J**
Vinyl Acetate	ND(0.013)	ND(0.012)	NS	ND(0.013)	ND(0.012)	ND(0.014)
Vinyl Chloride	ND(0.013)	ND(0.012)	NS	ND(0.013)	ND(0.012)	ND(0.014)
Xylenes (total)	ND(0.0066)	ND(0.0062)	NS	ND(0.0065)	ND(0.0060)	ND(0.0069)

TABLE 2-2

GENERAL ELECTRIC COMPANY
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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-16 0-1 12/06/00	30s Complex RAA2-17 0-1 12/01/00	30s Complex RAA2-18 1-6 01/03/01	30s Complex RAA2-18 4-6 01/03/01	30s Complex RAA2-19 0-1 12/06/00	30s Complex RAA2-20 0-1 01/08/01
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
1,2,4-Trichlorobenzene	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
1,2-Dichlorobenzene	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
1,2-Diphenylhydrazine	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
1,3,5-Trinitrobenzene	ND(0.92)	ND(4.3)	ND(0.93)	NS	ND(0.84)	ND(0.92)
1,3-Dichlorobenzene	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
1,3-Dinitrobenzene	ND(2.3)	ND(11)	ND(2.4)	NS	ND(2.1)	ND(2.3)
1,4-Dichlorobenzene	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
1,4-Naphthoquinone	ND(2.3)	**ND(11) J**	ND(2.4)	NS	ND(2.1)	ND(2.3)
1-Naphthylamine	ND(2.2)	ND(11)	ND(2.4)	NS	ND(2.0)	ND(2.3)
2,3,4,6-Tetrachlorophenol	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
2,4,5-Trichlorophenol	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
2,4,6-Trichlorophenol	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
2,4-Dichlorophenol	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
2,4-Dimethylphenol	ND(0.46)	2.5	ND(0.46)	NS	ND(0.42)	ND(0.46)
2,4-Dinitrophenol	ND(2.2)	ND(11)	ND(2.4)	NS	ND(2.0)	ND(2.3)
2,4-Dinitrotoluene	ND(2.2)	ND(11)	ND(2.4)	NS	ND(2.0)	ND(2.3)
2,6-Dichlorophenol	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
2,6-Dinitrotoluene	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
2-Acetylaminofluorene	**ND(0.92) J**	ND(4.3)	ND(0.93)	NS	**ND(0.84) J**	ND(0.92)
2-Chloronaphthalene	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
2-Chlorophenol	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
2-Methylnaphthalene	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
2-Methylphenol	ND(0.46)	**ND(2.2) J**	ND(0.46)	NS	ND(0.42)	ND(0.46)
2-Naphthylamine	ND(2.2)	ND(11)	ND(2.4)	NS	ND(2.0)	ND(2.3)
2-Nitroaniline	ND(2.2)	ND(11)	ND(2.4)	NS	ND(2.0)	ND(2.3)
2-Nitrophenol	ND(0.86)	ND(4.3)	ND(0.93)	NS	ND(0.80)	ND(0.92)
2-Picoline	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
3&4-Methylphenol	ND(0.86)	ND(4.3)	ND(0.93)	NS	ND(0.80)	ND(0.92)
3,3'-Dichlorobenzidine	ND(2.2)	ND(11)	ND(2.4)	NS	ND(2.0)	ND(2.3)
3,3'-Dimethylbenzidine	ND(2.3)	ND(11)	ND(2.4)	NS	ND(2.1)	ND(2.3)
3-Methylcholanthrene	ND(0.86)	ND(4.3)	ND(0.93)	NS	ND(0.80)	ND(0.92)
3-Nitroaniline	ND(2.2)	ND(11)	ND(2.4)	NS	ND(2.0)	ND(2.3)
4,6-Dinitro-2-methylphenol	ND(0.46)	ND(11)	ND(0.46)	NS	ND(0.42)	ND(0.46)
4-Aminobiphenyl	ND(0.92)	ND(4.3)	ND(0.93)	NS	ND(0.84)	ND(0.92)
4-Bromophenyl-phenylether	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
4-Chloro-3-Methylphenol	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
4-Chloroaniline	ND(0.86)	ND(4.3)	ND(0.93)	NS	ND(0.80)	ND(0.92)
4-Chlorobenzilate	ND(2.3)	ND(11)	ND(2.4)	NS	ND(2.1)	ND(2.3)
4-Chlorophenyl-phenylether	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
4-Nitroaniline	ND(2.2)	ND(11)	ND(2.4)	NS	ND(2.0)	ND(2.3)
4-Nitrophenol	ND(2.2)	ND(11)	**ND(2.4) J**	NS	ND(2.0)	ND(2.3)
4-Nitroquinoline-1-oxide	**ND(2.3) J**	**ND(11) J**	**ND(2.4) J**	NS	**ND(2.1) J**	ND(2.3)
4-Phenylenediamine	ND(2.3)	ND(11)	ND(2.4)	NS	ND(2.1)	ND(2.3)
5-Nitro-o-toluidine	ND(2.3)	ND(11)	ND(2.4)	NS	ND(2.1)	ND(2.3)
7,12-Dimethylbenz(a)anthracene	**ND(0.86) J**	ND(4.3)	ND(0.93)	NS	**ND(0.80) J**	ND(0.92)
a,a'-Dimethylphenethylamine	ND(2.3)	ND(11)	ND(2.4)	NS	ND(2.1)	ND(2.3)
Acenaphthene	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
Acenaphthylene	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
Acetophenone	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
Aniline	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
Anthracene	0.65	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
Aramite	ND(0.92)	**ND(4.3) J**	**ND(0.93) J**	NS	ND(0.84)	ND(0.92)
Benzidine	ND(0.86)	ND(4.3)	**ND(0.93) J**	NS	ND(0.80)	ND(0.92)
Benzo(a)anthracene	2.2	ND(2.2)	ND(0.46)	NS	ND(0.42)	0.63
Benzo(a)pyrene	2.5	ND(2.2)	ND(0.46)	NS	ND(0.42)	0.65
Benzo(b)fluoranthene	2.1	ND(2.2)	ND(0.46)	NS	ND(0.42)	0.48
Benzo(g,h,i)perylene	2.4	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
Benzo(k)fluoranthene	1.9	ND(2.2)	ND(0.46)	NS	ND(0.42)	0.70

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-16 0-1 12/06/00	30s Complex RAA2-17 0-1 12/01/00	30s Complex RAA2-18 1-6 01/03/01	30s Complex RAA2-18 4-6 01/03/01	30s Complex RAA2-19 0-1 12/06/00	30s Complex RAA2-20 0-1 01/08/01
Semivolatile Organics (continued)						
Benzyl Alcohol	ND(0.86)	ND(4.3)	ND(0.93)	NS	ND(0.80)	ND(0.92)
bis(2-Chloroethoxy)methane	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
bis(2-Chloroethyl)ether	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
bis(2-Chloroisopropyl)ether	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
bis(2-Ethylhexyl)phthalate	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
Butylbenzylphthalate	ND(0.86)	ND(4.3)	ND(0.93)	NS	ND(0.80)	ND(0.92)
Chrysene	2.3	ND(2.2)	ND(0.46)	NS	ND(0.42)	0.66
Diallate	ND(0.86)	ND(4.3)	ND(0.93)	NS	ND(0.80)	ND(0.92)
Dibenzo(a,h)anthracene	1.0	ND(4.3)	ND(0.93)	NS	ND(0.80)	ND(0.92)
Dibenzofuran	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
Diethylphthalate	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
Dimethylphthalate	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
Di-n-Butylphthalate	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
Di-n-Octylphthalate	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
Diphenylamine	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
Ethyl Methanesulfonate	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
Fluoranthene	4.7	3.6	ND(0.46)	NS	ND(0.42)	1.2
Fluorene	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
Hexachlorobenzene	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
Hexachlorobutadiene	ND(0.86)	ND(4.3)	ND(0.93)	NS	ND(0.80)	ND(0.92)
Hexachlorocyclopentadiene	**ND(0.46) J**	ND(2.2)	**ND(0.46) J**	NS	**ND(0.42) J**	ND(0.46)
Hexachloroethane	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
Hexachlorophene	**ND(0.92) J**	ND(4.3)	**ND(0.93) J**	NS	**ND(0.84) J**	ND(0.92)
Hexachloropropene	ND(0.46)	**ND(2.2) J**	ND(0.46)	NS	ND(0.42)	ND(0.46)
Indeno(1,2,3-cd)pyrene	2.4	ND(4.3)	ND(0.93)	NS	ND(0.80)	ND(0.92)
Isodrin	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
Isophorone	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
Isosafrole	ND(0.86)	ND(4.3)	ND(0.93)	NS	ND(0.80)	ND(0.92)
Methapyrilene	**ND(2.3) J**	ND(11)	ND(2.4)	NS	**ND(2.1) J**	ND(2.3)
Methyl Methanesulfonate	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
Naphthalene	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
Nitrobenzene	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
N-Nitrosodiethylamine	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
N-Nitrosodimethylamine	ND(0.86)	ND(11)	ND(2.3)	NS	ND(0.80)	ND(2.3)
N-Nitroso-di-n-butylamine	ND(0.86)	ND(4.3)	ND(0.93)	NS	ND(0.80)	ND(0.92)
N-Nitroso-di-n-propylamine	ND(0.86)	ND(4.3)	ND(0.93)	NS	ND(0.80)	ND(0.92)
N-Nitrosodiphenylamine	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
N-Nitrosomethylethylamine	ND(0.92)	ND(2.2)	ND(0.93)	NS	ND(0.84)	ND(0.92)
N-Nitrosomorpholine	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
N-Nitrosopiperidine	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
N-Nitrosopyrrolidine	ND(0.86)	ND(4.3)	ND(0.93)	NS	ND(0.80)	ND(0.92)
o,o,o-Triethylphosphorothioate	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
o-Toluidine	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
p-Dimethylaminoazobenzene	ND(2.3)	ND(11)	ND(2.4)	NS	ND(2.1)	ND(2.3)
Pentachlorobenzene	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
Pentachloroethane	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
Pentachloronitrobenzene	**ND(2.3) J**	**ND(11) J**	**ND(2.4) J**	NS	**ND(2.1) J**	ND(2.3)
Pentachlorophenol	ND(2.2)	ND(11)	ND(2.4)	NS	ND(2.0)	ND(2.3)
Phenacetin	ND(2.3)	ND(11)	ND(2.4)	NS	ND(2.1)	ND(2.3)
Phenanthrene	2.8	ND(2.2)	ND(0.46)	NS	ND(0.42)	0.76
Phenol	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
Pronamide	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
Pyrene	4.0	3.4	ND(0.46)	NS	ND(0.42)	1.3
Pyridine	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)
Safrole	ND(0.46)	**ND(2.2) J**	ND(0.46)	NS	ND(0.42)	ND(0.46)
Thionazin	ND(0.46)	ND(2.2)	ND(0.46)	NS	ND(0.42)	ND(0.46)

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-16 0-1 12/06/00	30s Complex RAA2-17 0-1 12/01/00	30s Complex RAA2-18 1-6 01/03/01	30s Complex RAA2-18 4-6 01/03/01	30s Complex RAA2-19 0-1 12/06/00	30s Complex RAA2-20 0-1 01/08/01
Furans						
2,3,7,8-TCDF	0.0000039	0.0000080	ND(0.000000042)	NS	0.000036	0.0000030
TCDFs (total)	0.000042	0.000047	ND(0.000000042)	NS	0.00041	0.000023
1,2,3,7,8-PeCDF	0.0000018 J	0.0000047 I	ND(0.000000032)	NS	0.000018	0.0000012 J
2,3,4,7,8-PeCDF	0.0000082	0.0000047	ND(0.000000031)	NS	0.000050	0.0000036
PeCDFs (total)	0.00012	0.00010	ND(0.000000032)	NS	0.00075 I	0.000036
1,2,3,4,7,8-HxCDF	0.0000046	0.000054 I	ND(0.000000042)	NS	0.000035	0.0000021 J
1,2,3,6,7,8-HxCDF	0.0000044	ND(0.00000052)	ND(0.000000040)	NS	0.000027	0.0000014 J
1,2,3,7,8,9-HxCDF	0.0000012 J	ND(0.00000066)	ND(0.000000049)	NS	0.0000072	ND(0.00000029)
2,3,4,6,7,8-HxCDF	0.000015	0.0000065 B	ND(0.000000044)	NS	0.000064	0.0000025
HxCDFs (total)	0.00020	0.000084	ND(0.000000044)	NS	0.00081	0.000033
1,2,3,4,6,7,8-HpCDF	0.000020	0.000015 B	ND(0.000000054)	NS	0.000090	0.000015
1,2,3,4,7,8,9-HpCDF	0.0000019 J	0.0000016 B	ND(0.000000066)	NS	0.000014	ND(0.00000037)
HpCDFs (total)	0.000049	0.000015	ND(0.000000059)	NS	0.00021	0.000025
OCDF	0.0000082	0.000018 B	ND(0.00000012)	NS	0.000060	0.0000058
Total Furans	0.00042	0.00026	ND(0.00000012)	NS	0.0022	0.00012
Dioxins						
2,3,7,8-TCDD	0.00000070	ND(0.00000020)	ND(0.000000042)	NS	0.00000047 w	0.00000015 w
TCDDs (total)	0.0000038	0.0000047	ND(0.00000029)	NS	0.0000084	0.00000089
1,2,3,7,8-PeCDD	0.00000095 J	ND(0.00000085)	ND(0.000000042)	NS	0.0000019 w	ND(0.00000011)
PeCDDs (total)	0.000014	ND(0.00000085)	ND(0.00000041)	NS	0.000015	0.00000045
1,2,3,4,7,8-HxCDD	0.00000066 J	ND(0.00000051)	ND(0.000000075)	NS	0.0000013 J	ND(0.00000012)
1,2,3,6,7,8-HxCDD	0.0000011 J	0.0000018 w	ND(0.000000079)	NS	0.0000027	0.00000036 J
1,2,3,7,8,9-HxCDD	0.0000013 J	0.0000011 w	ND(0.000000071)	NS	0.0000018 J	0.00000016 w
HxCDDs (total)	0.000017	ND(0.00000049)	ND(0.00000046)	NS	0.000030	0.0000030
1,2,3,4,6,7,8-HpCDD	0.000012	0.000043 B	**ND(0.00000017)**	NS	0.000024	0.0000029
HpCDDs (total)	0.000026	0.000085	**ND(0.00000017)**	NS	0.000048	0.0000057
OCDD	0.00014	0.00025 B	**ND(0.00000071)**	NS	0.00013	0.000015
Total Dioxins	0.00020	0.00034	ND(0.00000071)	NS	0.00023	0.000025
WHO TEF	0.0000094	0.000011	0.000000074	NS	0.000047	0.0000032
Inorganics						
Antimony	**ND(11.0) J**	ND(11.0)	**ND(12) J**	NS	**ND(12.0) J**	ND(12.0)
Arsenic	ND(19.0)	ND(19.0)	ND(21.0)	NS	ND(18.0)	ND(15.0)
Barium	53.0	53.0	ND(41.0)	NS	180	40.0
Beryllium	ND(0.190)	0.280	0.290	NS	ND(0.180)	0.280
Cadmium	ND(1.90)	ND(1.90)	ND(2.10)	NS	7.00	ND(2.10)
Chromium	13.0	13.0	9.70	NS	13.0	16.0
Cobalt	ND(9.70)	ND(9.30)	12.0	NS	14.0	24.0
Copper	79.0	50.0	33.0	NS	100	89.0
Cyanide	ND(1.30)	0.330	ND(1.00)	NS	ND(1.20)	ND(1.00)
Lead	93.0	65.0	16.0	NS	1100	55.0
Mercury	0.640	ND(0.250)	ND(0.280)	NS	ND(0.240)	ND(0.270)
Nickel	27.0	18.0	17.0	NS	34.0	28.0
Selenium	ND(0.970)	**ND(0.930) J**	ND(1.00)	NS	ND(0.900)	ND(1.00)
Silver	ND(0.970)	ND(0.930)	ND(1.00)	NS	ND(0.900)	ND(1.00)
Sulfide	20.0	24.0	ND(6.90)	NS	32.0	ND(6.90)
Thallium	ND(1.90)	ND(1.90)	**ND(2.1) J**	NS	1.80	ND(2.10)
Tin	ND(58.0)	ND(56.0)	ND(62.0)	NS	ND(54.0)	ND(62.0)
Vanadium	34.0	17.0	ND(10.0)	NS	21.0	14.0
Zinc	100	200	45.0	NS	2700	160

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-21 0-1 12/07/00	30s Complex RAA2-22 6-15 12/28/00	30s Complex RAA2-22 10-12 12/28/00	30s Complex RAA2-23 1-6 12/28/00	30s Complex RAA2-23 2-4 12/28/00	30s Complex RAA2-24 0-1 12/08/00
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
1,1,1-Trichloroethane	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
1,1,2,2-Tetrachloroethane	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
1,1,2-Trichloroethane	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
1,1-Dichloroethane	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
1,1-Dichloroethene	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
1,2,3-Trichloropropane	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
1,2-Dibromo-3-chloropropane	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
1,2-Dibromoethane	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
1,2-Dichloroethane	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
1,2-Dichloropropane	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
1,4-Dioxane	**ND(0.20) J**	NS	**ND(0.20) J**	NS	**ND(0.20) J**	**ND(0.20) J**
2-Butanone	ND(0.10)	NS	ND(0.10)	NS	ND(0.10)	ND(0.10)
2-Chloro-1,3-butadiene	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
2-Chloroethylvinylether	**ND(0.0072) J**	NS	ND(0.0089)	NS	ND(0.0076)	**ND(0.0062) J**
2-Hexanone	ND(0.014)	NS	ND(0.018)	NS	ND(0.015)	ND(0.012)
3-Chloropropene	ND(0.014)	NS	ND(0.018)	NS	ND(0.015)	ND(0.012)
4-Methyl-2-pentanone	ND(0.014)	NS	ND(0.018)	NS	ND(0.015)	ND(0.012)
Acetone	**ND(0.10) J**	NS	ND(0.10)	NS	ND(0.10)	ND(0.10)
Acetonitrile	**ND(0.14) J**	NS	ND(0.18)	NS	ND(0.15)	ND(0.12)
Acrolein	**ND(0.14) J**	NS	**ND(0.18) J**	NS	**ND(0.15) J**	**ND(0.12) J**
Acrylonitrile	ND(0.014)	NS	ND(0.018)	NS	ND(0.015)	ND(0.012)
Benzene	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
Bromodichloromethane	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
Bromoform	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
Bromomethane	ND(0.014)	NS	ND(0.018)	NS	ND(0.015)	ND(0.012)
Carbon Disulfide	ND(0.010)	NS	ND(0.010)	NS	ND(0.010)	ND(0.010)
Carbon Tetrachloride	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
Chlorobenzene	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
Chloroethane	ND(0.014)	NS	ND(0.018)	NS	ND(0.015)	ND(0.012)
Chloroform	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
Chloromethane	ND(0.014)	NS	ND(0.018)	NS	ND(0.015)	ND(0.012)
cis-1,3-Dichloropropene	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
Dibromochloromethane	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
Dibromomethane	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
Dichlorodifluoromethane	ND(0.014)	NS	ND(0.018)	NS	ND(0.015)	ND(0.012)
Ethyl Methacrylate	ND(0.014)	NS	ND(0.018)	NS	ND(0.015)	ND(0.012)
Ethylbenzene	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
Iodomethane	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
Isobutanol	**ND(0.29) J**	NS	**ND(0.36) J**	NS	**ND(0.31) J**	**ND(0.25) J**
Methacrylonitrile	ND(0.014)	NS	ND(0.018)	NS	ND(0.015)	ND(0.012)
Methyl Methacrylate	ND(0.014)	NS	ND(0.018)	NS	ND(0.015)	ND(0.012)
Methylene Chloride	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
Propionitrile	**ND(0.072) J**	NS	**ND(0.089) J**	NS	**ND(0.076) J**	**ND(0.062) J**
Styrene	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
Tetrachloroethene	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
Toluene	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
trans-1,2-Dichloroethene	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
trans-1,3-Dichloropropene	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
trans-1,4-Dichloro-2-butene	ND(0.014)	NS	ND(0.018)	NS	ND(0.015)	ND(0.012)
Trichloroethene	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)
Trichlorofluoromethane	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	**ND(0.0062) J**
Vinyl Acetate	ND(0.014)	NS	ND(0.018)	NS	ND(0.015)	ND(0.012)
Vinyl Chloride	ND(0.014)	NS	ND(0.018)	NS	ND(0.015)	ND(0.012)
Xylenes (total)	ND(0.0072)	NS	ND(0.0089)	NS	ND(0.0076)	ND(0.0062)

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area:	30s Complex	30s Complex	30s Complex	30s Complex	30s Complex	30s Complex
Sample ID:	RAA2-21	RAA2-22	RAA2-22	RAA2-23	RAA2-23	RAA2-24
Sample Depth(Feet):	0-1	6-15	10-12	1-6	2-4	0-1
Parameter Date Collected:	12/07/00	12/28/00	12/28/00	12/28/00	12/28/00	12/08/00
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
1,2,4-Trichlorobenzene	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
1,2-Dichlorobenzene	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
1,2-Diphenylhydrazine	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
1,3,5-Trinitrobenzene	ND(2.9)	ND(0.97)	NS	ND(0.86)	NS	ND(0.84)
1,3-Dichlorobenzene	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
1,3-Dinitrobenzene	ND(7.2)	ND(2.5)	NS	ND(2.2)	NS	ND(2.1)
1,4-Dichlorobenzene	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
1,4-Naphthoquinone	ND(7.2)	ND(2.5)	NS	ND(2.2)	NS	ND(2.1)
1-Naphthylamine	ND(2.9)	ND(2.5)	NS	ND(2.2)	NS	ND(2.1)
2,3,4,6-Tetrachlorophenol	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
2,4,5-Trichlorophenol	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
2,4,6-Trichlorophenol	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
2,4-Dichlorophenol	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
2,4-Dimethylphenol	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
2,4-Dinitrophenol	ND(2.4)	ND(2.5)	NS	ND(2.2)	NS	ND(2.1)
2,4-Dinitrotoluene	ND(2.4)	ND(2.5)	NS	ND(2.2)	NS	ND(2.1)
2,6-Dichlorophenol	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
2,6-Dinitrotoluene	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
2-Acetylaminofluorene	ND(2.9)	ND(0.97)	NS	ND(0.86)	NS	R
2-Chloronaphthalene	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
2-Chlorophenol	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
2-Methylnaphthalene	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
2-Methylphenol	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
2-Naphthylamine	ND(2.9)	ND(2.5)	NS	ND(2.2)	NS	ND(2.1)
2-Nitroaniline	ND(2.4)	ND(2.5)	NS	ND(2.2)	NS	ND(2.1)
2-Nitrophenol	ND(1.4)	ND(0.97)	NS	ND(0.86)	NS	ND(0.84)
2-Picoline	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
3&4-Methylphenol	ND(1.4)	ND(0.97)	NS	ND(0.86)	NS	ND(0.84)
3,3'-Dichlorobenzidine	ND(2.4)	ND(2.5)	NS	ND(2.2)	NS	R
3,3'-Dimethylbenzidine	**ND(7.2) J**	ND(2.5)	NS	ND(2.2)	NS	R
3-Methylcholanthrene	ND(1.4)	ND(0.97)	NS	ND(0.86)	NS	**ND(0.84) J**
3-Nitroaniline	ND(2.4)	ND(2.5)	NS	ND(2.2)	NS	ND(2.1)
4,6-Dinitro-2-methylphenol	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
4-Aminobiphenyl	ND(2.9)	ND(0.97)	NS	ND(0.86)	NS	ND(0.84)
4-Bromophenyl-phenylether	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
4-Chloro-3-Methylphenol	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
4-Chloroaniline	ND(1.4)	ND(0.97)	NS	ND(0.86)	NS	ND(0.84)
4-Chlorobenzilate	ND(7.2)	ND(2.5)	NS	ND(2.2)	NS	ND(2.1)
4-Chlorophenyl-phenylether	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
4-Nitroaniline	ND(2.4)	ND(2.5)	NS	ND(2.2)	NS	ND(2.1)
4-Nitrophenol	ND(2.4)	**ND(2.5) J**	NS	**ND(2.2) J**	NS	ND(2.1)
4-Nitroquinoline-1-oxide	ND(7.2)	**ND(2.5) J**	NS	**ND(2.2) J**	NS	**ND(2.1) J**
4-Phenylenediamine	ND(7.2)	ND(2.5)	NS	ND(2.2)	NS	ND(2.1)
5-Nitro-o-toluidine	ND(7.2)	ND(2.5)	NS	ND(2.2)	NS	ND(2.1)
7,12-Dimethylbenz(a)anthracene	**ND(1.4) J**	ND(0.97)	NS	ND(0.86)	NS	**ND(0.84) J**
a,a'-Dimethylphenethylamine	ND(7.2)	ND(2.5)	NS	ND(2.2)	NS	ND(2.1)
Acenaphthene	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
Acenaphthylene	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
Acetophenone	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
Aniline	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
Anthracene	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
Aramite	ND(2.9)	**ND(0.97) J**	NS	**ND(0.86) J**	NS	R
Benzidine	**ND(1.4) J**	**ND(0.97) J**	NS	**ND(0.86) J**	NS	R
Benzo(a)anthracene	2.3	ND(0.48)	NS	ND(0.43)	NS	**0.66 J**
Benzo(a)pyrene	2.0	ND(0.48)	NS	ND(0.43)	NS	**1.2 J**
Benzo(b)fluoranthene	1.4	ND(0.48)	NS	ND(0.43)	NS	**0.73 J**
Benzo(g,h,i)perylene	**3.0 J**	ND(0.48)	NS	ND(0.43)	NS	**ND(0.42) J**
Benzo(k)fluoranthene	2.0	ND(0.48)	NS	ND(0.43)	NS	**0.93 J**

TABLE 2-2

GENERAL ELECTRIC COMPANY
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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-21 0-1 12/07/00	30s Complex RAA2-22 6-15 12/28/00	30s Complex RAA2-22 10-12 12/28/00	30s Complex RAA2-23 1-6 12/28/00	30s Complex RAA2-23 2-4 12/28/00	30s Complex RAA2-24 0-1 12/08/00
Semivolatile Organics (continued)						
Benzyl Alcohol	ND(1.4)	ND(0.97)	NS	ND(0.86)	NS	ND(0.84)
bis(2-Chloroethoxy)methane	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
bis(2-Chloroethyl)ether	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
bis(2-Chloroisopropyl)ether	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
bis(2-Ethylhexyl)phthalate	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	R
Butylbenzylphthalate	ND(1.4)	ND(0.97)	NS	ND(0.86)	NS	R
Chrysene	2.1	ND(0.48)	NS	ND(0.43)	NS	**0.76 J**
Diallate	ND(1.4)	ND(0.97)	NS	ND(0.86)	NS	ND(0.84)
Dibenzo(a,h)anthracene	**2.0 J**	ND(0.97)	NS	ND(0.86)	NS	**ND(0.84) J**
Dibenzofuran	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
Diethylphthalate	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
Dimethylphthalate	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
Di-n-Butylphthalate	1.6	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
Di-n-Octylphthalate	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	**ND(0.42) J**
Diphenylamine	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
Ethyl Methanesulfonate	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
Fluoranthene	7.0	ND(0.48)	NS	ND(0.43)	NS	0.62
Fluorene	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
Hexachlorobenzene	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
Hexachlorobutadiene	ND(1.4)	ND(0.97)	NS	ND(0.86)	NS	ND(0.84)
Hexachlorocyclopentadiene	ND(1.4)	**ND(0.48) J**	NS	**ND(0.43) J**	NS	**ND(0.42) J**
Hexachloroethane	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
Hexachlorophene	**ND(2.9) J**	**ND(0.97) J**	NS	**ND(0.86) J**	NS	**ND(0.84) J**
Hexachloropropene	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
Indeno(1,2,3-cd)pyrene	2.9	ND(0.97)	NS	ND(0.86)	NS	**ND(0.84) J**
Isodrin	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
Isophorone	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
Isosafrole	ND(1.4)	ND(0.97)	NS	ND(0.86)	NS	ND(0.84)
Methapyrilene	**ND(7.2) J**	ND(2.5)	NS	ND(2.2)	NS	ND(2.1)
Methyl Methanesulfonate	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
Naphthalene	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
Nitrobenzene	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
N-Nitrosodiethylamine	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
N-Nitrosodimethylamine	ND(1.4)	ND(2.4)	NS	ND(2.1)	NS	**ND(0.84) J**
N-Nitroso-di-n-butylamine	ND(1.4)	ND(0.97)	NS	ND(0.86)	NS	ND(0.84)
N-Nitroso-di-n-propylamine	ND(1.4)	ND(0.97)	NS	ND(0.86)	NS	ND(0.84)
N-Nitrosodiphenylamine	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
N-Nitrosomethylethylamine	ND(2.9)	ND(0.97)	NS	ND(0.86)	NS	ND(0.84)
N-Nitrosomorpholine	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
N-Nitrosopiperidine	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
N-Nitrosopyrrolidine	ND(1.4)	ND(0.97)	NS	ND(0.86)	NS	ND(0.84)
o,o,o-Triethylphosphorothioate	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
o-Toluidine	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
p-Dimethylaminoazobenzene	ND(7.2)	ND(2.5)	NS	ND(2.2)	NS	ND(2.1)
Pentachlorobenzene	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
Pentachloroethane	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
Pentachloronitrobenzene	**ND(7.2) J**	ND(2.5)	NS	ND(2.2)	NS	**ND(2.1) J**
Pentachlorophenol	ND(2.4)	ND(2.5)	NS	ND(2.2)	NS	ND(2.1)
Phenacetin	ND(7.2)	ND(2.5)	NS	ND(2.2)	NS	ND(2.1)
Phenanthrene	4.5	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
Phenol	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
Pronamide	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
Pyrene	5.4	ND(0.48)	NS	ND(0.43)	NS	**0.52 J**
Pyridine	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
Safrole	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)
Thionazin	ND(1.4)	ND(0.48)	NS	ND(0.43)	NS	ND(0.42)

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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-21 0-1 12/07/00	30s Complex RAA2-22 6-15 12/28/00	30s Complex RAA2-22 10-12 12/28/00	30s Complex RAA2-23 1-6 12/28/00	30s Complex RAA2-23 2-4 12/28/00	30s Complex RAA2-24 0-1 12/08/00
Furans						
2,3,7,8-TCDF	0.0000060	ND(0.000000082)	NS	ND(0.000000076)	NS	0.000033
TCDFs (total)	0.000042	ND(0.000000082)	NS	0.00000017	NS	0.00055
1,2,3,7,8-PeCDF	**ND(0.0000020)**	ND(0.000000046)	NS	ND(0.000000045)	NS	0.000012
2,3,4,7,8-PeCDF	0.0000063	ND(0.000000046)	NS	ND(0.000000044)	NS	0.00012
PeCDFs (total)	0.000094	ND(0.000000046)	NS	0.00000014	NS	0.0026
1,2,3,4,7,8-HxCDF	0.0000027 J	ND(0.000000089)	NS	ND(0.000000043)	NS	0.000039
1,2,3,6,7,8-HxCDF	0.0000030 J	ND(0.000000085)	NS	0.00000010 J	NS	0.000081
1,2,3,7,8,9-HxCDF	ND(0.00000076)	ND(0.00000010)	NS	ND(0.000000050)	NS	0.000017
2,3,4,6,7,8-HxCDF	0.0000086	ND(0.000000095)	NS	ND(0.000000045)	NS	0.00031
HxCDFs (total)	0.00012	ND(0.000000093)	NS	0.00000046	NS	0.0041
1,2,3,4,6,7,8-HpCDF	0.000017	ND(0.000000062)	NS	0.00000010 J	NS	0.00035
1,2,3,4,7,8,9-HpCDF	0.0000014 J	ND(0.000000075)	NS	ND(0.000000054)	NS	0.000027
HpCDFs (total)	0.000049	ND(0.000000068)	NS	0.00000019	NS	0.00083
OCDF	0.000025	ND(0.00000014)	NS	ND(0.00000010)	NS	0.000078
Total Furans	0.00033	ND(0.00000014)	NS	0.00000096	NS	0.0082
Dioxins						
2,3,7,8-TCDD	ND(0.000000063)	ND(0.00000014)	NS	ND(0.000000086)	NS	0.00000058 w
TCDDs (total)	0.00000018	ND(0.00000035)	NS	ND(0.00000030)	NS	0.0000061
1,2,3,7,8-PeCDD	0.00000048 w	ND(0.000000079)	NS	ND(0.000000058)	NS	0.0000050 w
PeCDDs (total)	0.0000023	ND(0.00000037)	NS	ND(0.000000036)	NS	0.000024
1,2,3,4,7,8-HxCDD	0.00000036 J	ND(0.00000018)	NS	ND(0.000000084)	NS	0.0000065
1,2,3,6,7,8-HxCDD	0.0000052	ND(0.00000019)	NS	ND(0.000000088)	NS	0.0000068
1,2,3,7,8,9-HxCDD	0.0000017 J	ND(0.00000017)	NS	ND(0.000000080)	NS	0.0000039
HxCDDs (total)	0.000031	ND(0.00000045)	NS	ND(0.00000043)	NS	0.000079
1,2,3,4,6,7,8-HpCDD	0.000052	0.00000017 J	NS	0.00000021 J	NS	0.000088
HpCDDs (total)	0.000052	0.00000017	NS	0.00000021	NS	0.00018
OCDD	0.00023	**ND(0.00000068)**	NS	**ND(0.0000011)**	NS	0.00035
Total Dioxins	0.00032	0.00000017	NS	0.00000021	NS	0.00064
WHO TEF	0.0000072	0.00000017	NS	0.00000012	NS	0.00012
Inorganics						
Antimony	ND(13.0)	ND(13.0)	NS	ND(12.0)	NS	**ND(11.0) J**
Arsenic	ND(22.0)	ND(22.0)	NS	ND(19.0)	NS	ND(19.0)
Barium	52.0	ND(43.0)	NS	ND(38.0)	NS	ND(37.0)
Beryllium	ND(0.220)	0.280	NS	0.220	NS	ND(0.190)
Cadmium	ND(2.20)	ND(2.20)	NS	ND(1.90)	NS	ND(1.90)
Chromium	17.0	13.0	NS	15.0	NS	11.0
Cobalt	ND(11.0)	17.0	NS	18.0	NS	10.0
Copper	26.0	34.0	NS	37.0	NS	58.0
Cyanide	ND(1.40)	ND(1.00)	NS	ND(1.00)	NS	ND(1.20)
Lead	22.0	10.0	NS	11.0	NS	190
Mercury	ND(0.290)	ND(0.290)	NS	ND(0.260)	NS	ND(0.250)
Nickel	19.0	27.0	NS	30.0	NS	18.0
Selenium	ND(1.10)	ND(1.10)	NS	ND(0.960)	NS	ND(0.940)
Silver	ND(1.10)	ND(1.10)	NS	ND(0.960)	NS	ND(0.940)
Sulfide	9.10	ND(7.20)	NS	8.20	NS	ND(6.20)
Thallium	ND(2.20)	ND(2.20)	NS	ND(1.90)	NS	ND(1.90)
Tin	ND(65.0)	ND(65.0)	NS	ND(58.0)	NS	ND(56.0)
Vanadium	23.0	ND(11.0)	NS	ND(9.60)	NS	9.70
Zinc	89.0	75.0	NS	83.0	NS	110

TABLE 2-2

GENERAL ELECTRIC COMPANY
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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-25 6-15 12/08/00	30s Complex RAA2-25 12-14 12/08/00	30s Complex RAA2-26 6-8 12/27/00	30s Complex RAA2-26 6-15 12/27/00	30s Complex RAA2-27 0-1 12/27/00	30s Complex RAA2-27 6-15 12/27/00
Volatile Organics						
1,1,1,2-Tetrachloroethane	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
1,1,1-Trichloroethane	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
1,1,2,2-Tetrachloroethane	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
1,1,2-Trichloroethane	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
1,1-Dichloroethane	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
1,1-Dichloroethene	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
1,2,3-Trichloropropane	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
1,2-Dibromo-3-chloropropane	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
1,2-Dibromoethane	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
1,2-Dichloroethane	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
1,2-Dichloropropane	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
1,4-Dioxane	NS	**ND(0.65) J**	**ND(0.20) J**	NS	ND(0.20)	NS
2-Butanone	NS	ND(0.10)	ND(0.10)	NS	ND(0.10)	NS
2-Chloro-1,3-butadiene	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
2-Chloroethylvinylether	NS	**ND(0.032) J**	**ND(0.0073) J**	NS	ND(0.0069)	NS
2-Hexanone	NS	ND(0.065)	ND(0.014)	NS	ND(0.014)	NS
3-Chloropropene	NS	ND(0.065)	ND(0.014)	NS	ND(0.014)	NS
4-Methyl-2-pentanone	NS	ND(0.065)	**ND(0.014) J**	NS	**ND(0.014) J**	NS
Acetone	NS	ND(0.10)	ND(0.10)	NS	ND(0.10)	NS
Acetonitrile	NS	ND(0.65)	ND(0.14)	NS	ND(0.14)	NS
Acrolein	NS	**ND(0.65) J**	**ND(0.14) J**	NS	**ND(0.14) J**	NS
Acrylonitrile	NS	ND(0.065)	ND(0.014)	NS	ND(0.014)	NS
Benzene	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
Bromodichloromethane	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
Bromoform	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
Bromomethane	NS	ND(0.065)	ND(0.014)	NS	ND(0.014)	NS
Carbon Disulfide	NS	ND(0.032)	ND(0.010)	NS	ND(0.010)	NS
Carbon Tetrachloride	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
Chlorobenzene	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
Chloroethane	NS	ND(0.065)	ND(0.014)	NS	ND(0.014)	NS
Chloroform	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
Chloromethane	NS	ND(0.065)	ND(0.014)	NS	ND(0.014)	NS
cis-1,3-Dichloropropene	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
Dibromochloromethane	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
Dibromomethane	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
Dichlorodifluoromethane	NS	ND(0.065)	ND(0.014)	NS	ND(0.014)	NS
Ethyl Methacrylate	NS	ND(0.065)	ND(0.014)	NS	ND(0.014)	NS
Ethylbenzene	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
Iodomethane	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
Isobutanol	NS	**ND(1.3) J**	**ND(0.29) J**	NS	**ND(0.28) J**	NS
Methacrylonitrile	NS	ND(0.065)	ND(0.014)	NS	ND(0.014)	NS
Methyl Methacrylate	NS	ND(0.065)	ND(0.014)	NS	ND(0.014)	NS
Methylene Chloride	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
Propionitrile	NS	**ND(0.32) J**	**ND(0.073) J**	NS	**ND(0.069) J**	NS
Styrene	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
Tetrachloroethene	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
Toluene	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
trans-1,2-Dichloroethene	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
trans-1,3-Dichloropropene	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
trans-1,4-Dichloro-2-butene	NS	ND(0.065)	ND(0.014)	NS	ND(0.014)	NS
Trichloroethene	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS
Trichlorofluoromethane	NS	**ND(0.032) J**	ND(0.0073)	NS	ND(0.0069)	NS
Vinyl Acetate	NS	ND(0.065)	ND(0.014)	NS	ND(0.014)	NS
Vinyl Chloride	NS	ND(0.065)	ND(0.014)	NS	ND(0.014)	NS
Xylenes (total)	NS	ND(0.032)	ND(0.0073)	NS	ND(0.0069)	NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
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(Results in ppm dry weight)

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Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
1,2,4-Trichlorobenzene	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
1,2-Dichlorobenzene	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
1,2-Diphenylhydrazine	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
1,3,5-Trinitrobenzene	ND(0.80)	NS	NS	ND(0.97)	ND(0.88)	ND(0.99)
1,3-Dichlorobenzene	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
1,3-Dinitrobenzene	ND(2.0)	NS	NS	ND(2.4)	ND(2.2)	ND(2.5)
1,4-Dichlorobenzene	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
1,4-Naphthoquinone	ND(2.0)	NS	NS	ND(2.4)	ND(2.2)	ND(2.5)
1-Naphthylamine	ND(2.0)	NS	NS	ND(2.4)	ND(2.2)	ND(2.5)
2,3,4,6-Tetrachlorophenol	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
2,4,5-Trichlorophenol	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
2,4,6-Trichlorophenol	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
2,4-Dichlorophenol	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
2,4-Dimethylphenol	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
2,4-Dinitrophenol	ND(2.0)	NS	NS	ND(2.4)	ND(2.2)	ND(2.5)
2,4-Dinitrotoluene	ND(2.0)	NS	NS	ND(2.4)	ND(2.2)	ND(2.5)
2,6-Dichlorophenol	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
2,6-Dinitrotoluene	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
2-Acetylaminofluorene	R	NS	NS	ND(0.97)	ND(0.88)	ND(0.99)
2-Chloronaphthalene	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
2-Chlorophenol	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
2-Methylnaphthalene	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
2-Methylphenol	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
2-Naphthylamine	ND(2.0)	NS	NS	ND(2.4)	ND(2.2)	ND(2.5)
2-Nitroaniline	ND(2.0)	NS	NS	ND(2.4)	ND(2.2)	ND(2.5)
2-Nitrophenol	ND(0.80)	NS	NS	ND(0.97)	ND(0.88)	ND(0.99)
2-Picoline	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
3&4-Methylphenol	ND(0.80)	NS	NS	ND(0.97)	ND(0.88)	ND(0.99)
3,3'-Dichlorobenzidine	R	NS	NS	ND(2.4)	ND(2.2)	ND(2.5)
3,3'-Dimethylbenzidine	R	NS	NS	ND(2.4)	ND(2.2)	ND(2.5)
3-Methylcholanthrene	R	NS	NS	**ND(0.97) J**	**ND(0.88) J**	ND(0.99)
3-Nitroaniline	ND(2.0)	NS	NS	ND(2.4)	ND(2.2)	ND(2.5)
4,6-Dinitro-2-methylphenol	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
4-Aminobiphenyl	ND(0.80)	NS	NS	ND(0.97)	ND(0.88)	ND(0.99)
4-Bromophenyl-phenylether	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
4-Chloro-3-Methylphenol	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
4-Chloroaniline	ND(0.80)	NS	NS	ND(0.97)	ND(0.88)	ND(0.99)
4-Chlorobenzilate	ND(2.0)	NS	NS	ND(2.4)	ND(2.2)	ND(2.5)
4-Chlorophenyl-phenylether	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
4-Nitroaniline	ND(2.0)	NS	NS	ND(2.4)	ND(2.2)	ND(2.5)
4-Nitrophenol	ND(2.0)	NS	NS	ND(2.4)	ND(2.2)	ND(2.5)
4-Nitroquinoline-1-oxide	**ND(2.0) J**	NS	NS	**ND(2.4) J**	**ND(2.2) J**	ND(2.5)
4-Phenylenediamine	ND(2.0)	NS	NS	ND(2.4)	ND(2.2)	ND(2.5)
5-Nitro-o-toluidine	ND(2.0)	NS	NS	ND(2.4)	ND(2.2)	ND(2.5)
7,12-Dimethylbenz(a)anthracene	R	NS	NS	ND(0.97)	ND(0.88)	ND(0.99)
a,a'-Dimethylphenethylamine	ND(2.0)	NS	NS	ND(2.4)	ND(2.2)	ND(2.5)
Acenaphthene	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Acenaphthylene	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Acetophenone	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Aniline	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Anthracene	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Aramite	R	NS	NS	**ND(0.97) J**	**ND(0.88) J**	ND(0.99)
Benzidine	R	NS	NS	ND(0.97)	ND(0.88)	ND(0.99)
Benzo(a)anthracene	R	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Benzo(a)pyrene	R	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Benzo(b)fluoranthene	R	NS	NS	ND(0.47)	ND(0.44)	ND(0.49)
Benzo(g,h,i)perylene	R	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Benzo(k)fluoranthene	R	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)

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(Results in ppm dry weight)

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Semivolatile Organics (continued)						
Benzyl Alcohol	ND(0.80)	NS	NS	ND(0.97)	ND(0.88)	ND(0.99)
bis(2-Chloroethoxy)methane	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
bis(2-Chloroethyl)ether	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
bis(2-Chloroisopropyl)ether	ND(0.40)	NS	NS	**ND(0.48) J**	ND(0.44)	**ND(0.49) J**
bis(2-Ethylhexyl)phthalate	R	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Butylbenzylphthalate	R	NS	NS	ND(0.97)	ND(0.88)	ND(0.99)
Chrysene	R	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Diallate	ND(0.80)	NS	NS	ND(0.97)	ND(0.88)	ND(0.99)
Dibenzo(a,h)anthracene	R	NS	NS	ND(0.97)	ND(0.88)	ND(0.99)
Dibenzofuran	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Diethylphthalate	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Dimethylphthalate	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Di-n-Butylphthalate	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Di-n-Octylphthalate	R	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Diphenylamine	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Ethyl Methanesulfonate	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Fluoranthene	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Fluorene	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Hexachlorobenzene	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Hexachlorobutadiene	ND(0.80)	NS	NS	ND(0.97)	ND(0.88)	ND(0.99)
Hexachlorocyclopentadiene	**ND(0.40) J**	NS	NS	**ND(0.48) J**	**ND(0.44) J**	ND(0.49)
Hexachloroethane	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Hexachlorophene	R	NS	NS	ND(0.97)	ND(0.88)	ND(0.99)
Hexachloropropene	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Indeno(1,2,3-cd)pyrene	R	NS	NS	ND(0.97)	ND(0.88)	ND(0.99)
Isodrin	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Isophorone	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Isosafrole	ND(0.80)	NS	NS	ND(0.97)	ND(0.88)	ND(0.99)
Methapyrilene	ND(2.0)	NS	NS	**ND(2.4) J**	ND(2.2)	**ND(2.5) J**
Methyl Methanesulfonate	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Naphthalene	ND(0.40)	NS	NS	ND(0.48)	0.45	ND(0.49)
Nitrobenzene	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
N-Nitrosodiethylamine	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
N-Nitrosodimethylamine	**ND(0.80) J**	NS	NS	ND(2.4)	ND(2.2)	ND(2.4)
N-Nitroso-di-n-butylamine	ND(0.80)	NS	NS	ND(0.97)	ND(0.88)	ND(0.99)
N-Nitroso-di-n-propylamine	ND(0.80)	NS	NS	**ND(0.97) J**	ND(0.88)	**ND(0.99) J**
N-Nitrosodiphenylamine	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
N-Nitrosomethylethylamine	ND(0.80)	NS	NS	ND(0.97)	ND(0.88)	ND(0.99)
N-Nitrosomorpholine	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
N-Nitrosopiperidine	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
N-Nitrosopyrrolidine	ND(0.80)	NS	NS	ND(0.97)	ND(0.88)	ND(0.99)
o,o,o-Triethylphosphorothioate	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
o-Toluidine	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
p-Dimethylaminoazobenzene	ND(2.0)	NS	NS	ND(2.4)	ND(2.2)	ND(2.5)
Pentachlorobenzene	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Pentachloroethane	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Pentachloronitrobenzene	**ND(2.0) J**	NS	NS	ND(2.4)	ND(2.2)	ND(2.5)
Pentachlorophenol	ND(2.0)	NS	NS	ND(2.4)	ND(2.2)	ND(2.5)
Phenacetin	ND(2.0)	NS	NS	ND(2.4)	ND(2.2)	ND(2.5)
Phenanthrene	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Phenol	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Pronamide	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Pyrene	R	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Pyridine	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Safrole	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)
Thionazin	ND(0.40)	NS	NS	ND(0.48)	ND(0.44)	ND(0.49)

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Furans						
2,3,7,8-TCDF	0.000000054 J	NS	NS	ND(0.000000082)	0.00000011 w	ND(0.000000080)
TCDFs (total)	ND(0.000000043)	NS	NS	ND(0.000000082)	ND(0.000000068)	ND(0.000000080)
1,2,3,7,8-PeCDF	0.000000064 w	NS	NS	ND(0.000000061)	0.000000068 w	0.000000060 J
2,3,4,7,8-PeCDF	ND(0.000000026)	NS	NS	ND(0.000000060)	0.00000010 w	0.000000069 J
PeCDFs (total)	ND(0.000000027)	NS	NS	ND(0.000000061)	0.00000049	0.00000013
1,2,3,4,7,8-HxCDF	0.000000043 J	NS	NS	0.00000029 J	0.000000062 w	0.000000076 w
1,2,3,6,7,8-HxCDF	**ND(0.000000057)**	NS	NS	0.000000088 J	0.000000066 J	0.000000069 w
1,2,3,7,8,9-HxCDF	ND(0.000000037)	NS	NS	ND(0.000000079)	ND(0.000000064)	ND(0.000000062)
2,3,4,6,7,8-HxCDF	ND(0.000000034)	NS	NS	ND(0.000000072)	0.000000081 w	0.000000044 Jw
HxCDFs (total)	**ND(0.00000013)**	NS	NS	0.00000055	0.00000040	ND(0.000000055)
1,2,3,4,6,7,8-HpCDF	**ND(0.000000070)**	NS	NS	**ND(0.00000026)**	0.00000015 w	**ND(0.00000011)**
1,2,3,4,7,8,9-HpCDF	ND(0.000000064)	NS	NS	0.00000013 J	ND(0.000000069)	ND(0.000000066)
HpCDFs (total)	**ND(0.000000070)**	NS	NS	0.00000064	0.00000076	**ND(0.00000011)**
OCDF	**ND(0.00000014)**	NS	NS	0.00000048 J	0.00000010 J	0.00000021 w
Total Furans	ND(0.00000014)	NS	NS	0.0000017	0.0000018	0.00000034
Dioxins						
2,3,7,8-TCDD	0.00000012 w	NS	NS	ND(0.00000015)	ND(0.00000010)	ND(0.00000022)
TCDDs (total)	ND(0.00000028)	NS	NS	ND(0.00000015)	ND(0.00000031)	ND(0.00000022)
1,2,3,7,8-PeCDD	ND(0.000000049)	NS	NS	ND(0.000000090)	ND(0.000000046)	ND(0.000000052)
PeCDDs (total)	ND(0.00000033)	NS	NS	ND(0.00000042)	ND(0.00000041)	ND(0.00000039)
1,2,3,4,7,8-HxCDD	ND(0.000000045)	NS	NS	ND(0.000000090)	ND(0.000000064)	ND(0.00000011)
1,2,3,6,7,8-HxCDD	ND(0.000000047)	NS	NS	ND(0.000000095)	ND(0.000000068)	ND(0.00000011)
1,2,3,7,8,9-HxCDD	ND(0.000000042)	NS	NS	ND(0.000000085)	ND(0.000000061)	ND(0.00000010)
HxCDDs (total)	ND(0.00000043)	NS	NS	0.00000020	ND(0.00000055)	ND(0.00000043)
1,2,3,4,6,7,8-HpCDD	**ND(0.00000013)**	NS	NS	0.00000026 w	0.00000043 J	**ND(0.00000035)**
HpCDDs (total)	**ND(0.00000013)**	NS	NS	**ND(0.00000027)**	0.00000076	**ND(0.00000035)**
OCDD	**ND(0.00000042)**	NS	NS	0.00000057 Jw	0.0000044 J	0.0000012 J
Total Dioxins	ND(0.00000043)	NS	NS	0.00000077	0.0000052	0.0000012
WHO TEF	0.00000018	NS	NS	0.00000020	0.00000018	0.00000022
Inorganics						
Antimony	ND(11.0)	NS	NS	**ND(13.0) J**	ND(12.0)	**ND(13.0) J**
Arsenic	ND(18.0)	NS	NS	ND(22.0)	ND(20.0)	ND(22.0)
Barium	ND(36.0)	NS	NS	ND(43.0)	ND(39.0)	ND(44.0)
Beryllium	ND(0.180)	NS	NS	0.290	0.240	0.260
Cadmium	ND(1.80)	NS	NS	ND(2.20)	ND(2.00)	ND(2.20)
Chromium	8.20	NS	NS	11.0	13.0	16.0
Cobalt	9.20	NS	NS	11.0	14.0	20.0
Copper	22.0	NS	NS	44.0	36.0	37.0
Cyanide	ND(1.20)	NS	NS	ND(1.40)	ND(1.00)	ND(1.00)
Lead	11.0	NS	NS	11.0	27.0	11.0
Mercury	ND(0.240)	NS	NS	ND(0.290)	ND(0.260)	ND(0.300)
Nickel	18.0	NS	NS	20.0	24.0	39.0
Selenium	ND(0.900)	NS	NS	ND(1.10)	ND(0.980)	ND(1.10)
Silver	ND(0.900)	NS	NS	ND(1.10)	ND(0.980)	ND(1.10)
Sulfide	17.0	NS	NS	9.20	ND(6.60)	9.30
Thallium	ND(1.80)	NS	NS	ND(2.20)	ND(2.00)	ND(2.20)
Tin	ND(54.0)	NS	NS	ND(65.0)	ND(59.0)	ND(66.0)
Vanadium	ND(9.00)	NS	NS	ND(11.0)	ND(9.80)	ND(11.0)
Zinc	48.0	NS	NS	80.0	86.0	97.0

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-27 10-12 12/28/00	30s Complex RAA2-28 1-2 12/27/00	30s Complex RAA2-28 1-6 12/27/00	30s Complex RAA2-29 0-1 12/07/00	30s Complex RAA2-30 0-1 12/01/00	30s Complex RAA2-31 6-15 12/07/00
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
1,1,1-Trichloroethane	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
1,1,2,2-Tetrachloroethane	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
1,1,2-Trichloroethane	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
1,1-Dichloroethane	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
1,1-Dichloroethene	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
1,2,3-Trichloropropane	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
1,2-Dibromo-3-chloropropane	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
1,2-Dibromoethane	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
1,2-Dichloroethane	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
1,2-Dichloropropane	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
1,4-Dioxane	**ND(0.20) J**	**ND(0.20) J**	NS	**ND(0.20) J**	**ND(0.20) J**	NS
2-Butanone	ND(0.10)	ND(0.10)	NS	ND(0.10)	ND(0.10)	NS
2-Chloro-1,3-butadiene	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
2-Chloroethylvinylether	**ND(0.0065) J**	**ND(0.0062) J**	NS	**ND(0.0063) J**	**ND(0.0060) J**	NS
2-Hexanone	**ND(0.013) J**	ND(0.012)	NS	ND(0.013)	ND(0.012)	NS
3-Chloropropene	ND(0.013)	ND(0.012)	NS	ND(0.013)	ND(0.012)	NS
4-Methyl-2-pentanone	ND(0.013)	**ND(0.012) J**	NS	ND(0.013)	**ND(0.012) J**	NS
Acetone	ND(0.10)	ND(0.10)	NS	**ND(0.10) J**	ND(0.10)	NS
Acetonitrile	ND(0.13)	ND(0.12)	NS	**ND(0.13) J**	ND(0.12)	NS
Acrolein	ND(0.13)	**ND(0.12) J**	NS	**ND(0.13) J**	**ND(0.12) J**	NS
Acrylonitrile	ND(0.013)	ND(0.012)	NS	ND(0.013)	ND(0.012)	NS
Benzene	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
Bromodichloromethane	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
Bromoform	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
Bromomethane	ND(0.013)	ND(0.012)	NS	ND(0.013)	ND(0.012)	NS
Carbon Disulfide	ND(0.010)	ND(0.010)	NS	ND(0.010)	ND(0.010)	NS
Carbon Tetrachloride	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
Chlorobenzene	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
Chloroethane	ND(0.013)	ND(0.012)	NS	ND(0.013)	ND(0.012)	NS
Chloroform	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
Chloromethane	ND(0.013)	ND(0.012)	NS	ND(0.013)	ND(0.012)	NS
cis-1,3-Dichloropropene	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
Dibromochloromethane	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
Dibromomethane	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
Dichlorodifluoromethane	ND(0.013)	ND(0.012)	NS	ND(0.013)	ND(0.012)	NS
Ethyl Methacrylate	ND(0.013)	ND(0.012)	NS	ND(0.013)	ND(0.012)	NS
Ethylbenzene	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
Iodomethane	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
Isobutanol	ND(0.26)	**ND(0.25) J**	NS	**ND(0.25) J**	**ND(0.24) J**	NS
Methacrylonitrile	ND(0.013)	ND(0.012)	NS	ND(0.013)	**ND(0.012) J**	NS
Methyl Methacrylate	ND(0.013)	ND(0.012)	NS	ND(0.013)	ND(0.012)	NS
Methylene Chloride	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
Propionitrile	ND(0.065)	**ND(0.062) J**	NS	**ND(0.063) J**	**ND(0.060) J**	NS
Styrene	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
Tetrachloroethene	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
Toluene	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
trans-1,2-Dichloroethene	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
trans-1,3-Dichloropropene	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
trans-1,4-Dichloro-2-butene	ND(0.013)	ND(0.012)	NS	ND(0.013)	ND(0.012)	NS
Trichloroethene	ND(0.0065)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
Trichlorofluoromethane	**ND(0.0065) J**	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS
Vinyl Acetate	ND(0.013)	ND(0.012)	NS	ND(0.013)	ND(0.012)	NS
Vinyl Chloride	ND(0.013)	ND(0.012)	NS	ND(0.013)	ND(0.012)	NS
Xylenes (total)	ND(0.013)	ND(0.0062)	NS	ND(0.0063)	ND(0.0060)	NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
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(Results in ppm dry weight)

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Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
1,2,4-Trichlorobenzene	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
1,2-Dichlorobenzene	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
1,2-Diphenylhydrazine	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
1,3,5-Trinitrobenzene	NS	NS	ND(14)	ND(0.84)	ND(4.0)	ND(1.0)
1,3-Dichlorobenzene	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
1,3-Dinitrobenzene	NS	NS	ND(34)	ND(2.1)	ND(10)	ND(2.6)
1,4-Dichlorobenzene	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
1,4-Naphthoquinone	NS	NS	ND(34)	ND(2.1)	**ND(10) J**	ND(2.6)
1-Naphthylamine	NS	NS	ND(34)	ND(2.1)	ND(10)	ND(2.6)
2,3,4,6-Tetrachlorophenol	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
2,4,5-Trichlorophenol	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
2,4,6-Trichlorophenol	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
2,4-Dichlorophenol	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
2,4-Dimethylphenol	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
2,4-Dinitrophenol	NS	NS	ND(34)	ND(2.1)	ND(10)	ND(2.6)
2,4-Dinitrotoluene	NS	NS	ND(34)	ND(2.1)	ND(10)	ND(2.6)
2,6-Dichlorophenol	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
2,6-Dinitrotoluene	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
2-Acetylaminofluorene	NS	NS	ND(14)	ND(2.1)	ND(4.0)	ND(1.0)
2-Chloronaphthalene	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
2-Chlorophenol	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
2-Methylnaphthalene	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
2-Methylphenol	NS	NS	ND(6.9)	ND(0.42)	**ND(2.0) J**	ND(0.50)
2-Naphthylamine	NS	NS	ND(34)	ND(2.1)	ND(10)	ND(2.6)
2-Nitroaniline	NS	NS	ND(34)	ND(2.1)	ND(10)	ND(2.6)
2-Nitrophenol	NS	NS	ND(14)	ND(0.84)	ND(4.0)	ND(1.0)
2-Picoline	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
3&4-Methylphenol	NS	NS	ND(14)	ND(0.84)	ND(4.0)	ND(1.0)
3,3'-Dichlorobenzidine	NS	NS	ND(34)	ND(2.1)	ND(10)	ND(2.6)
3,3'-Dimethylbenzidine	NS	NS	ND(34)	**ND(2.1) J**	ND(10)	**ND(2.6) J**
3-Methylcholanthrene	NS	NS	**ND(14) J**	**ND(0.84) J**	ND(4.0)	ND(1.0)
3-Nitroaniline	NS	NS	ND(34)	ND(2.1)	ND(10)	ND(2.6)
4,6-Dinitro-2-methylphenol	NS	NS	ND(6.9)	ND(0.42)	ND(10)	ND(0.50)
4-Aminobiphenyl	NS	NS	ND(14)	ND(0.84)	ND(4.0)	ND(1.0)
4-Bromophenyl-phenylether	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
4-Chloro-3-Methylphenol	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
4-Chloroaniline	NS	NS	ND(14)	ND(0.84)	ND(4.0)	ND(1.0)
4-Chlorobenzilate	NS	NS	ND(34)	ND(2.1)	ND(10)	ND(2.6)
4-Chlorophenyl-phenylether	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
4-Nitroaniline	NS	NS	ND(34)	ND(2.1)	ND(10)	ND(2.6)
4-Nitrophenol	NS	NS	ND(34)	ND(2.1)	ND(10)	ND(2.6)
4-Nitroquinoline-1-oxide	NS	NS	**ND(34) J**	ND(2.1)	**ND(10) J**	ND(2.6)
4-Phenylenediamine	NS	NS	ND(34)	ND(2.1)	ND(10)	ND(2.6)
5-Nitro-o-toluidine	NS	NS	ND(34)	ND(2.1)	ND(10)	ND(2.6)
7,12-Dimethylbenz(a)anthracene	NS	NS	ND(14)	**ND(0.84) J**	ND(4.0)	**ND(1.0) J**
a,a'-Dimethylphenethylamine	NS	NS	ND(34)	ND(2.1)	ND(10)	ND(2.6)
Acenaphthene	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
Acenaphthylene	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
Acetophenone	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
Aniline	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
Anthracene	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
Aramite	NS	NS	**ND(14) J**	ND(0.84)	**ND(4.0) J**	ND(1.0)
Benzidine	NS	NS	ND(14)	**ND(0.84) J**	ND(4.0)	**ND(1.0) J**
Benzo(a)anthracene	NS	NS	ND(6.9)	ND(0.42)	2.4	ND(0.50)
Benzo(a)pyrene	NS	NS	ND(6.9)	**ND(0.42) J**	ND(2.0)	ND(0.50)
Benzo(b)fluoranthene	NS	NS	ND(6.9)	**ND(0.41) J**	ND(2.0)	ND(0.49)
Benzo(g,h,i)perylene	NS	NS	ND(6.9)	**ND(0.42) J**	ND(2.0)	**ND(0.50) J**
Benzo(k)fluoranthene	NS	NS	ND(6.9)	**ND(0.42) J**	2.2	ND(0.50)

TABLE 2-2

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Semivolatile Organics (continued)						
Benzyl Alcohol	NS	NS	ND(14)	ND(0.84)	ND(4.0)	ND(1.0)
bis(2-Chloroethoxy)methane	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
bis(2-Chloroethyl)ether	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
bis(2-Chloroisopropyl)ether	NS	NS	**ND(6.9) J**	ND(0.42)	ND(2.0)	ND(0.50)
bis(2-Ethylhexyl)phthalate	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
Butylbenzylphthalate	NS	NS	ND(14)	ND(0.84)	ND(4.0)	ND(1.0)
Chrysene	NS	NS	ND(6.9)	ND(0.42)	2.4	ND(0.50)
Diallate	NS	NS	ND(14)	ND(0.84)	ND(4.0)	ND(1.0)
Dibenzo(a,h)anthracene	NS	NS	ND(14)	**ND(0.84) J**	ND(4.0)	**ND(1.0) J**
Dibenzofuran	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
Diethylphthalate	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
Dimethylphthalate	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
Di-n-Butylphthalate	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
Di-n-Octylphthalate	NS	NS	ND(6.9)	**ND(0.42) J**	ND(2.0)	ND(0.50)
Diphenylamine	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
Ethyl Methanesulfonate	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
Fluoranthene	NS	NS	ND(6.9)	ND(0.42)	5.6	ND(0.50)
Fluorene	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
Hexachlorobenzene	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
Hexachlorobutadiene	NS	NS	ND(14)	ND(0.84)	ND(4.0)	ND(1.0)
Hexachlorocyclopentadiene	NS	NS	**ND(6.9) J**	ND(0.42)	ND(2.0)	ND(0.50)
Hexachloroethane	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
Hexachlorophene	NS	NS	ND(14)	**ND(2.1) J**	ND(4.0)	**ND(1.0) J**
Hexachloropropene	NS	NS	ND(6.9)	ND(0.42)	**ND(2.0) J**	ND(0.50)
Indeno(1,2,3-cd)pyrene	NS	NS	ND(14)	**ND(0.84) J**	ND(4.0)	ND(1.0)
Isodrin	NS	NS	ND(6.9)	ND(0.83)	ND(2.0)	ND(0.50)
Isophorone	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
Isosafrole	NS	NS	ND(14)	ND(0.84)	ND(4.0)	ND(1.0)
Methapyrilene	NS	NS	**ND(34) J**	**ND(2.1) J**	ND(10)	**ND(2.6) J**
Methyl Methanesulfonate	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
Naphthalene	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
Nitrobenzene	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
N-Nitrosodiethylamine	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
N-Nitrosodimethylamine	NS	NS	ND(34)	ND(0.84)	ND(10)	ND(1.0)
N-Nitroso-di-n-butylamine	NS	NS	ND(14)	ND(0.84)	ND(4.0)	ND(1.0)
N-Nitroso-di-n-propylamine	NS	NS	**ND(14) J**	ND(0.84)	ND(4.0)	ND(1.0)
N-Nitrosodiphenylamine	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
N-Nitrosomethylethylamine	NS	NS	ND(6.9)	ND(0.84)	ND(2.0)	ND(1.0)
N-Nitrosomorpholine	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
N-Nitrosopiperidine	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
N-Nitrosopyrrolidine	NS	NS	ND(14)	ND(0.84)	ND(4.0)	ND(1.0)
o,o,o-Triethylphosphorothioate	NS	NS	ND(6.9)	ND(0.83)	ND(2.0)	ND(0.50)
o-Toluidine	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
p-Dimethylaminoazobenzene	NS	NS	ND(34)	ND(2.1)	ND(10)	ND(2.6)
Pentachlorobenzene	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
Pentachloroethane	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
Pentachloronitrobenzene	NS	NS	ND(34)	**ND(2.1) J**	**ND(10) J**	**ND(2.6) J**
Pentachlorophenol	NS	NS	ND(34)	ND(2.1)	ND(10)	ND(2.6)
Phenacetin	NS	NS	ND(34)	ND(2.1)	ND(10)	ND(2.6)
Phenanthrene	NS	NS	ND(6.9)	ND(0.42)	4.6	ND(0.50)
Phenol	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
Pronamide	NS	NS	ND(6.9)	ND(2.1)	ND(2.0)	ND(0.50)
Pyrene	NS	NS	ND(6.9)	ND(0.42)	4.7	ND(0.50)
Pyridine	NS	NS	ND(6.9)	ND(0.42)	ND(2.0)	ND(0.50)
Safrole	NS	NS	ND(6.9)	ND(0.42)	**ND(2.0) J**	ND(0.50)
Thionazin	NS	NS	ND(6.9)	ND(2.1)	ND(2.0)	ND(0.50)

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-27 10-12 12/28/00	30s Complex RAA2-28 1-2 12/27/00	30s Complex RAA2-28 1-6 12/27/00	30s Complex RAA2-29 0-1 12/07/00	30s Complex RAA2-30 0-1 12/01/00	30s Complex RAA2-31 6-15 12/07/00
Furans						
2,3,7,8-TCDF	NS	NS	0.0000034	ND(0.000000054)	0.0000045	ND(0.000000065)
TCDFs (total)	NS	NS	0.000027	ND(0.000000054)	0.000038	ND(0.000000065)
1,2,3,7,8-PeCDF	NS	NS	0.0000013 J	ND(0.000000039)	0.0000089	ND(0.00000042)
2,3,4,7,8-PeCDF	NS	NS	0.0000018 J	ND(0.000000038)	0.0000029 w	ND(0.000000041)
PeCDFs (total)	NS	NS	0.000017	0.00000021	0.00029	ND(0.000000041)
1,2,3,4,7,8-HxCDF	NS	NS	0.0000020 J	0.000000053 w	0.00022 I	ND(0.000000070)
1,2,3,6,7,8-HxCDF	NS	NS	0.00000093 J	0.000000067 J	ND(0.0000021)	ND(0.000000067)
1,2,3,7,8,9-HxCDF	NS	NS	0.00000052 J	ND(0.000000055)	ND(0.0000027)	ND(0.000000082)
2,3,4,6,7,8-HxCDF	NS	NS	0.00000079 J	ND(0.000000050)	0.000025 B	ND(0.000000075)
HxCDFs (total)	NS	NS	0.000011	0.00000016	0.00037	ND(0.000000073)
1,2,3,4,6,7,8-HpCDF	NS	NS	0.0000020 J	**ND(0.00000013)**	0.000036 B	ND(0.000000076)
1,2,3,4,7,8,9-HpCDF	NS	NS	0.00000054 J	ND(0.000000068)	0.0000024 B	ND(0.000000093)
HpCDFs (total)	NS	NS	0.0000044	0.00000013	0.000038	ND(0.000000084)
OCDF	NS	NS	0.0000029 J	ND(0.00000016)	0.000010 B	ND(0.00000020)
Total Furans	NS	NS	0.000062	0.00000050	0.00075	ND(0.00000042)
Dioxins						
2,3,7,8-TCDD	NS	NS	ND(0.00000021)	ND(0.000000047)	ND(0.00000016)	ND(0.000000084)
TCDDs (total)	NS	NS	0.0000018	ND(0.00000023)	0.00000060	ND(0.00000031)
1,2,3,7,8-PeCDD	NS	NS	**ND(0.00000015)**	ND(0.000000060)	ND(0.00000062)	ND(0.00000011)
PeCDDs (total)	NS	NS	0.0000012	ND(0.00000040)	ND(0.00000062)	ND(0.00000042)
1,2,3,4,7,8-HxCDD	NS	NS	ND(0.000000066)	ND(0.000000090)	ND(0.00000023)	ND(0.00000011)
1,2,3,6,7,8-HxCDD	NS	NS	0.00000013 J	ND(0.000000095)	ND(0.00000022)	ND(0.00000012)
1,2,3,7,8,9-HxCDD	NS	NS	0.000000099 J	ND(0.000000086)	ND(0.00000022)	ND(0.00000011)
HxCDDs (total)	NS	NS	0.00000022	ND(0.00000040)	ND(0.00000022)	ND(0.00000043)
1,2,3,4,6,7,8-HpCDD	NS	NS	0.0000016 J	**ND(0.00000024)**	0.0000066 B	ND(0.00000015)
HpCDDs (total)	NS	NS	0.0000029	**ND(0.00000024)**	0.000013	ND(0.00000015)
OCDD	NS	NS	0.000016	**ND(0.0000026)**	0.000028 B	**ND(0.00000033)**
Total Dioxins	NS	NS	0.000022	ND(0.0000026)	0.000042	ND(0.00000043)
WHO TEF	NS	NS	0.0000020	0.00000010	0.000028	0.00000015
Inorganics						
Antimony	NS	NS	**ND(12.0) J**	ND(11.0)	ND(11.0)	ND(14.0)
Arsenic	NS	NS	ND(19.0)	ND(19.0)	ND(18.0)	ND(22.0)
Barium	NS	NS	ND(39.0)	ND(38.0)	ND(36.0)	ND(45.0)
Beryllium	NS	NS	0.200	ND(0.190)	0.210	0.310
Cadmium	NS	NS	7.80	ND(1.90)	ND(1.80)	ND(2.20)
Chromium	NS	NS	11.0	6.60	6.90	13.0
Cobalt	NS	NS	14.0	17.0	ND(9.10)	12.0
Copper	NS	NS	44.0	38.0	24.0	25.0
Cyanide	NS	NS	ND(1.00)	ND(1.30)	ND(1.00)	ND(1.50)
Lead	NS	NS	2000	15.0	40.0	11.0
Mercury	NS	NS	ND(0.260)	ND(0.250)	ND(0.240)	ND(0.300)
Nickel	NS	NS	22.0	19.0	9.90	23.0
Selenium	NS	NS	ND(0.960)	ND(0.940)	**ND(0.910) J**	ND(1.10)
Silver	NS	NS	ND(0.960)	ND(0.940)	ND(0.910)	ND(1.10)
Sulfide	NS	NS	20.0	8.00	ND(6.00)	71.0
Thallium	NS	NS	ND(1.90)	ND(1.90)	ND(1.80)	ND(2.20)
Tin	NS	NS	ND(58.0)	ND(57.0)	ND(54.0)	ND(68.0)
Vanadium	NS	NS	ND(9.60)	ND(9.40)	ND(9.10)	13.0
Zinc	NS	NS	6000	39.0	59.0	61.0

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: Sample ID: Sample Depth(Feet): Parameter Date Collected:	30s Complex RAA2-31 8-10 12/07/00	30s Complex RAA2-32 1-6 12/01/00	30s Complex RAA2-32 2-4 12/01/00	30s Complex RAA2-33 6-15 12/26/00
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0082)	NS	ND(0.0069)	NS
1,1,1-Trichloroethane	ND(0.0082)	NS	ND(0.0069)	NS
1,1,2,2-Tetrachloroethane	ND(0.0082)	NS	ND(0.0069)	NS
1,1,2-Trichloroethane	ND(0.0082)	NS	ND(0.0069)	NS
1,1-Dichloroethane	ND(0.0082)	NS	ND(0.0069)	NS
1,1-Dichloroethene	ND(0.0082)	NS	ND(0.0069)	NS
1,2,3-Trichloropropane	ND(0.0082)	NS	ND(0.0069)	NS
1,2-Dibromo-3-chloropropane	ND(0.0082)	NS	ND(0.0069)	NS
1,2-Dibromoethane	ND(0.0082)	NS	ND(0.0069)	NS
1,2-Dichloroethane	ND(0.0082)	NS	ND(0.0069)	NS
1,2-Dichloropropane	ND(0.0082)	NS	ND(0.0069)	NS
1,4-Dioxane	**ND(0.20) J**	NS	**ND(0.20) J**	NS
2-Butanone	ND(0.10)	NS	ND(0.10)	NS
2-Chloro-1,3-butadiene	ND(0.0082)	NS	ND(0.0069)	NS
2-Chloroethylvinylether	**ND(0.0082) J**	NS	**ND(0.0069) J**	NS
2-Hexanone	ND(0.016)	NS	ND(0.014)	NS
3-Chloropropene	ND(0.016)	NS	ND(0.014)	NS
4-Methyl-2-pentanone	ND(0.016)	NS	**ND(0.014) J**	NS
Acetone	**ND(0.10) J**	NS	ND(0.10)	NS
Acetonitrile	**ND(0.16) J**	NS	ND(0.14)	NS
Acrolein	**ND(0.16) J**	NS	**ND(0.14) J**	NS
Acrylonitrile	ND(0.016)	NS	ND(0.014)	NS
Benzene	ND(0.0082)	NS	ND(0.0069)	NS
Bromodichloromethane	ND(0.0082)	NS	ND(0.0069)	NS
Bromoform	ND(0.0082)	NS	ND(0.0069)	NS
Bromomethane	ND(0.016)	NS	ND(0.014)	NS
Carbon Disulfide	ND(0.010)	NS	ND(0.010)	NS
Carbon Tetrachloride	ND(0.0082)	NS	ND(0.0069)	NS
Chlorobenzene	ND(0.0082)	NS	ND(0.0069)	NS
Chloroethane	ND(0.016)	NS	ND(0.014)	NS
Chloroform	ND(0.0082)	NS	ND(0.0069)	NS
Chloromethane	ND(0.016)	NS	ND(0.014)	NS
cis-1,3-Dichloropropene	ND(0.0082)	NS	ND(0.0069)	NS
Dibromochloromethane	ND(0.0082)	NS	ND(0.0069)	NS
Dibromomethane	ND(0.0082)	NS	ND(0.0069)	NS
Dichlorodifluoromethane	ND(0.016)	NS	ND(0.014)	NS
Ethyl Methacrylate	ND(0.016)	NS	ND(0.014)	NS
Ethylbenzene	ND(0.0082)	NS	ND(0.0069)	NS
Iodomethane	ND(0.0082)	NS	ND(0.0069)	NS
Isobutanol	**ND(0.33) J**	NS	**ND(0.28) J**	NS
Methacrylonitrile	ND(0.016)	NS	**ND(0.014) J**	NS
Methyl Methacrylate	ND(0.016)	NS	ND(0.014)	NS
Methylene Chloride	ND(0.0082)	NS	ND(0.0069)	NS
Propionitrile	**ND(0.082) J**	NS	**ND(0.069) J**	NS
Styrene	ND(0.0082)	NS	ND(0.0069)	NS
Tetrachloroethene	ND(0.0082)	NS	ND(0.0069)	NS
Toluene	ND(0.0082)	NS	ND(0.0069)	NS
trans-1,2-Dichloroethene	ND(0.0082)	NS	ND(0.0069)	NS
trans-1,3-Dichloropropene	ND(0.0082)	NS	ND(0.0069)	NS
trans-1,4-Dichloro-2-butene	ND(0.016)	NS	ND(0.014)	NS
Trichloroethene	ND(0.0082)	NS	ND(0.0069)	NS
Trichlorofluoromethane	ND(0.0082)	NS	ND(0.0069)	NS
Vinyl Acetate	ND(0.016)	NS	ND(0.014)	NS
Vinyl Chloride	ND(0.016)	NS	ND(0.014)	NS
Xylenes (total)	ND(0.0082)	NS	ND(0.0069)	NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-31 8-10 12/07/00	30s Complex RAA2-32 1-6 12/01/00	30s Complex RAA2-32 2-4 12/01/00	30s Complex RAA2-33 6-15 12/26/00
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
1,2,4-Trichlorobenzene	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
1,2-Dichlorobenzene	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
1,2-Diphenylhydrazine	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
1,3,5-Trinitrobenzene	NS	ND(0.94)	NS	ND(0.87) [ND(0.98)]
1,3-Dichlorobenzene	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
1,3-Dinitrobenzene	NS	ND(2.4)	NS	ND(2.2) [ND(2.5)]
1,4-Dichlorobenzene	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
1,4-Naphthoquinone	NS	**ND(2.4) J**	NS	ND(2.2) [ND(2.5)]
1-Naphthylamine	NS	ND(2.4)	NS	ND(2.2) [ND(2.5)]
2,3,4,6-Tetrachlorophenol	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
2,4,5-Trichlorophenol	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
2,4,6-Trichlorophenol	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
2,4-Dichlorophenol	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
2,4-Dimethylphenol	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
2,4-Dinitrophenol	NS	ND(2.4)	NS	ND(2.2) [ND(2.5)]
2,4-Dinitrotoluene	NS	ND(2.4)	NS	ND(2.2) [ND(2.5)]
2,6-Dichlorophenol	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
2,6-Dinitrotoluene	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
2-Acetylaminofluorene	NS	ND(0.94)	NS	ND(0.87) [ND(0.98)]
2-Chloronaphthalene	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
2-Chlorophenol	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
2-Methylnaphthalene	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
2-Methylphenol	NS	**ND(0.46) J**	NS	ND(0.43) [ND(0.49)]
2-Naphthylamine	NS	ND(2.4)	NS	ND(2.2) [ND(2.5)]
2-Nitroaniline	NS	ND(2.4)	NS	ND(2.2) [ND(2.5)]
2-Nitrophenol	NS	ND(0.94)	NS	ND(0.87) [ND(0.98)]
2-Picoline	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
3&4-Methylphenol	NS	ND(0.94)	NS	ND(0.87) [ND(0.98)]
3,3'-Dichlorobenzidine	NS	ND(2.4)	NS	ND(2.2) [ND(2.5)]
3,3'-Dimethylbenzidine	NS	ND(2.4)	NS	ND(2.2) [ND(2.5)]
3-Methylcholanthrene	NS	ND(0.94)	NS	ND(0.87) [ND(0.98)]
3-Nitroaniline	NS	ND(2.4)	NS	ND(2.2) [ND(2.5)]
4,6-Dinitro-2-methylphenol	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
4-Aminobiphenyl	NS	ND(0.94)	NS	ND(0.87) [ND(0.98)]
4-Bromophenyl-phenylether	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
4-Chloro-3-Methylphenol	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
4-Chloroaniline	NS	ND(0.94)	NS	ND(0.87) [ND(0.98)]
4-Chlorobenzilate	NS	ND(2.4)	NS	ND(2.2) [ND(2.5)]
4-Chlorophenyl-phenylether	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
4-Nitroaniline	NS	ND(2.4)	NS	ND(2.2) [ND(2.5)]
4-Nitrophenol	NS	ND(2.4)	NS	**ND(2.2) J [ND(2.5) J]**
4-Nitroquinoline-1-oxide	NS	**ND(2.4) J**	NS	**ND(2.2) J [ND(2.5) J]**
4-Phenylenediamine	NS	ND(2.4)	NS	ND(2.2) [ND(2.5)]
5-Nitro-o-toluidine	NS	ND(2.4)	NS	ND(2.2) [ND(2.5)]
7,12-Dimethylbenz(a)anthracene	NS	ND(0.94)	NS	ND(0.87) [ND(0.98)]
a,a'-Dimethylphenethylamine	NS	ND(2.4)	NS	ND(2.2) [ND(2.5)]
Acenaphthene	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Acenaphthylene	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Acetophenone	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Aniline	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Anthracene	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Aramite	NS	**ND(0.94) J**	NS	**ND(0.87) J [ND(0.98) J]**
Benzidine	NS	ND(0.94)	NS	**ND(0.87) J [ND(0.98) J]**
Benzo(a)anthracene	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Benzo(a)pyrene	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Benzo(b)fluoranthene	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Benzo(g,h,i)perylene	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Benzo(k)fluoranthene	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-31 8-10 12/07/00	30s Complex RAA2-32 1-6 12/01/00	30s Complex RAA2-32 2-4 12/01/00	30s Complex RAA2-33 6-15 12/26/00
Semivolatile Organics (continued)				
Benzyl Alcohol	NS	ND(0.94)	NS	ND(0.87) [ND(0.98)]
bis(2-Chloroethoxy)methane	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
bis(2-Chloroethyl)ether	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
bis(2-Chloroisopropyl)ether	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
bis(2-Ethylhexyl)phthalate	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Butylbenzylphthalate	NS	ND(0.94)	NS	ND(0.87) [ND(0.98)]
Chrysene	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Diallate	NS	ND(0.94)	NS	ND(0.87) [ND(0.98)]
Dibenzo(a,h)anthracene	NS	ND(0.94)	NS	ND(0.87) [ND(0.98)]
Dibenzofuran	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Diethylphthalate	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Dimethylphthalate	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Di-n-Butylphthalate	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Di-n-Octylphthalate	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Diphenylamine	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Ethyl Methanesulfonate	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Fluoranthene	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Fluorene	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Hexachlorobenzene	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Hexachlorobutadiene	NS	ND(0.94)	NS	ND(0.87) [ND(0.98)]
Hexachlorocyclopentadiene	NS	ND(0.46)	NS	**ND(0.43) J [ND(0.49) J]**
Hexachloroethane	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Hexachlorophene	NS	ND(0.94)	NS	**ND(0.87) J [ND(0.98) J]**
Hexachloropropene	NS	**ND(0.46) J**	NS	ND(0.43) [ND(0.49)]
Indeno(1,2,3-cd)pyrene	NS	ND(0.94)	NS	ND(0.87) [ND(0.98)]
Isodrin	NS	ND(0.46)	NS	**ND(0.43) J [ND(0.49) J]**
Isophorone	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Isosafrole	NS	ND(0.94)	NS	ND(0.87) [ND(0.98)]
Methapyrilene	NS	ND(2.4)	NS	**ND(2.2) J [ND(2.5) J]**
Methyl Methanesulfonate	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Naphthalene	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Nitrobenzene	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
N-Nitrosodiethylamine	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
N-Nitrosodimethylamine	NS	ND(2.3)	NS	ND(2.1) [ND(2.5)]
N-Nitroso-di-n-butylamine	NS	ND(0.94)	NS	ND(0.87) [ND(0.98)]
N-Nitroso-di-n-propylamine	NS	ND(0.94)	NS	**ND(0.87) J** [ND(0.98)]
N-Nitrosodiphenylamine	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
N-Nitrosomethylethylamine	NS	ND(0.94)	NS	ND(0.87) [ND(0.86)]
N-Nitrosomorpholine	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
N-Nitrosopiperidine	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
N-Nitrosopyrrolidine	NS	ND(0.94)	NS	ND(0.87) [ND(0.98)]
o,o,o-Triethylphosphorothioate	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
o-Toluidine	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
p-Dimethylaminoazobenzene	NS	ND(2.4)	NS	**ND(2.2) J [ND(2.5) J]**
Pentachlorobenzene	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Pentachloroethane	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Pentachloronitrobenzene	NS	**ND(2.4) J**	NS	ND(2.2) [ND(2.5)]
Pentachlorophenol	NS	ND(2.4)	NS	ND(2.2) [ND(2.5)]
Phenacetin	NS	ND(2.4)	NS	ND(2.2) [ND(2.5)]
Phenanthrene	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Phenol	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Pronamide	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Pyrene	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Pyridine	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]
Safrole	NS	**ND(0.46) J**	NS	ND(0.43) [ND(0.49)]
Thionazin	NS	ND(0.46)	NS	ND(0.43) [ND(0.49)]

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	30s Complex RAA2-31 8-10 12/07/00	30s Complex RAA2-32 1-6 12/01/00	30s Complex RAA2-32 2-4 12/01/00	30s Complex RAA2-33 6-15 12/26/00
Furans					
2,3,7,8-TCDF		NS	ND(0.00000012)	NS	0.00000039 J [0.00000037 J]
TCDFs (total)		NS	0.0000061	NS	0.0000018 [0.0000019]
1,2,3,7,8-PeCDF		NS	ND(0.000000059)	NS	0.00000036 J [0.00000040 J]
2,3,4,7,8-PeCDF		NS	ND(0.000000058)	NS	0.0000012 J [0.0000013 J]
PeCDFs (total)		NS	0.0000015	NS	0.0000072 [0.0000073]
1,2,3,4,7,8-HxCDF		NS	0.0000013 I	NS	0.0000060 [0.0000058]
1,2,3,6,7,8-HxCDF		NS	ND(0.000000091)	NS	0.0000012 J [0.0000012 J]
1,2,3,7,8,9-HxCDF		NS	ND(0.000000091)	NS	0.0000010 J [0.00000086 J]
2,3,4,6,7,8-HxCDF		NS	ND(0.000000091)	NS	0.0000013 J [0.0000014 J]
HxCDFs (total)		NS	0.0000012	NS	0.000061 [0.000059]
1,2,3,4,6,7,8-HpCDF		NS	**ND(0.00000033)**	NS	0.00017 [0.00016]
1,2,3,4,7,8,9-HpCDF		NS	ND(0.00000010)	NS	0.0000035 [0.0000035]
HpCDFs (total)		NS	0.00000040	NS	0.00029 [0.00028]
OCDF		NS	**ND(0.00000020)**	NS	0.000098 [0.000091]
Total Furans		NS	0.0000092	NS	0.00046 [0.00044]
Dioxins					
2,3,7,8-TCDD		NS	ND(0.00000010)	NS	ND(0.00000013) [0.00000016 w]
TCDDs (total)		NS	ND(0.00000010)	NS	0.00000018 [0.00000029]
1,2,3,7,8-PeCDD		NS	ND(0.00000016)	NS	**ND(0.00000022) [ND(0.00000029)]**
PeCDDs (total)		NS	ND(0.00000016)	NS	0.0000020 [0.0000013]
1,2,3,4,7,8-HxCDD		NS	ND(0.00000011)	NS	ND(0.00000010) [0.00000015 w]
1,2,3,6,7,8-HxCDD		NS	ND(0.00000010)	NS	0.0000024 [0.0000023]
1,2,3,7,8,9-HxCDD		NS	ND(0.00000010)	NS	0.00000064 J [0.00000065 J]
HxCDDs (total)		NS	ND(0.00000010)	NS	0.000012 [0.000011]
1,2,3,4,6,7,8-HpCDD		NS	**ND(0.00000028)**	NS	0.000020 [0.000019]
HpCDDs (total)		NS	0.00000028	NS	0.000033 [0.000031]
OCDD		NS	**ND(0.0000016)**	NS	0.000081 [0.000078]
Total Dioxins		NS	0.00000028	NS	0.00013 [0.00012]
WHO TEF		NS	0.00000031	NS	0.0000040 [0.0000041]
Inorganics					
Antimony		NS	ND(13.0)	NS	ND(12.0) [ND(12.0)]
Arsenic		NS	ND(21.0)	NS	ND(19.0) [ND(19.0)]
Barium		NS	ND(42.0)	NS	ND(39.0) [ND(39.0)]
Beryllium		NS	0.300	NS	ND(0.190) [ND(0.190)]
Cadmium		NS	ND(2.10)	NS	ND(1.90) [ND(1.90)]
Chromium		NS	8.90	NS	12.0 [11.0]
Cobalt		NS	ND(10.0)	NS	15.0 [16.0]
Copper		NS	ND(21.0)	NS	40.0 [40.0]
Cyanide		NS	ND(1.00)	NS	ND(1.00) [ND(1.00)]
Lead		NS	8.10	NS	**14.0 J [14.0 J]**
Mercury		NS	ND(0.280)	NS	ND(0.260) [ND(0.260)]
Nickel		NS	16.0	NS	27.0 [24.0]
Selenium		NS	**ND(1.00) J**	NS	ND(0.970) [ND(0.970)]
Silver		NS	ND(1.00)	NS	ND(0.970) [ND(0.970)]
Sulfide		NS	ND(7.00)	NS	**16.0 J [ND(6.50) J]**
Thallium		NS	ND(2.10)	NS	ND(1.90) [ND(1.90)]
Tin		NS	ND(63.0)	NS	ND(58.0) [ND(58.0)]
Vanadium		NS	ND(10.0)	NS	ND(9.70) [ND(9.70)]
Zinc		NS	49.0	NS	78.0 [63.0]

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-33 12-14 12/26/00	30s Complex RAA2-34 0-1 11/28/00	30s Complex RAA2-35 6-8 11/28/00	30s Complex RAA2-35 6-10 11/28/00	30s Complex RAA2-36 1-6 11/29/00
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
1,1,1-Trichloroethane	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
1,1,2,2-Tetrachloroethane	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
1,1,2-Trichloroethane	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
1,1-Dichloroethane	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
1,1-Dichloroethene	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
1,2,3-Trichloropropane	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
1,2-Dibromo-3-chloropropane	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
1,2-Dibromoethane	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
1,2-Dichloroethane	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
1,2-Dichloropropane	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
1,4-Dioxane	**ND(0.20) J [ND(0.20) J]**	**ND(0.20) J**	**ND(0.20) J**	NS	NS
2-Butanone	ND(0.10) [ND(0.10)]	ND(0.10)	ND(0.10)	NS	NS
2-Chloro-1,3-butadiene	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
2-Chloroethylvinylether	**ND(0.0063) J [ND(0.0066) J]**	ND(0.0060)	ND(0.0065)	NS	NS
2-Hexanone	ND(0.012) [ND(0.013)]	ND(0.012)	ND(0.013)	NS	NS
3-Chloropropene	ND(0.012) [ND(0.013)]	ND(0.012)	ND(0.013)	NS	NS
4-Methyl-2-pentanone	**ND(0.012) J [ND(0.013) J]**	ND(0.012)	ND(0.013)	NS	NS
Acetone	ND(0.10) [ND(0.10)]	ND(0.10)	ND(0.10)	NS	NS
Acetonitrile	ND(0.12) [ND(0.13)]	ND(0.12)	ND(0.13)	NS	NS
Acrolein	**ND(0.12) J [ND(0.13) J]**	**ND(0.12) J**	**ND(0.13) J**	NS	NS
Acrylonitrile	ND(0.012) [ND(0.013)]	ND(0.012)	ND(0.013)	NS	NS
Benzene	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
Bromodichloromethane	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
Bromoform	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
Bromomethane	ND(0.012) [ND(0.013)]	ND(0.012)	ND(0.013)	NS	NS
Carbon Disulfide	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NS	NS
Carbon Tetrachloride	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
Chlorobenzene	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
Chloroethane	ND(0.012) [ND(0.013)]	ND(0.012)	ND(0.013)	NS	NS
Chloroform	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
Chloromethane	ND(0.012) [ND(0.013)]	ND(0.012)	ND(0.013)	NS	NS
cis-1,3-Dichloropropene	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
Dibromochloromethane	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
Dibromomethane	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
Dichlorodifluoromethane	ND(0.012) [ND(0.013)]	ND(0.012)	ND(0.013)	NS	NS
Ethyl Methacrylate	ND(0.012) [ND(0.013)]	ND(0.012)	ND(0.013)	NS	NS
Ethylbenzene	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
Iodomethane	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
Isobutanol	**ND(0.25) J [ND(0.26) J]**	**ND(0.24) J**	**ND(0.26) J**	NS	NS
Methacrylonitrile	ND(0.012) [ND(0.013)]	ND(0.012)	ND(0.013)	NS	NS
Methyl Methacrylate	ND(0.012) [ND(0.013)]	ND(0.012)	ND(0.013)	NS	NS
Methylene Chloride	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
Propionitrile	**ND(0.063) J [ND(0.066) J]**	**ND(0.060) J**	**ND(0.065) J**	NS	NS
Styrene	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
Tetrachloroethene	**0.11 J [0.19 J]**	ND(0.0060)	ND(0.0065)	NS	NS
Toluene	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
trans-1,2-Dichloroethene	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
trans-1,3-Dichloropropene	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
trans-1,4-Dichloro-2-butene	ND(0.012) [ND(0.013)]	ND(0.012)	ND(0.013)	NS	NS
Trichloroethene	**ND(0.0063) J [0.025 J]**	ND(0.0060)	ND(0.0065)	NS	NS
Trichlorofluoromethane	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS
Vinyl Acetate	ND(0.012) [ND(0.013)]	ND(0.012)	ND(0.013)	NS	NS
Vinyl Chloride	ND(0.012) [ND(0.013)]	ND(0.012)	ND(0.013)	NS	NS
Xylenes (total)	ND(0.0063) [ND(0.0066)]	ND(0.0060)	ND(0.0065)	NS	NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-33 12-14 12/26/00	30s Complex RAA2-34 0-1 11/28/00	30s Complex RAA2-35 6-8 11/28/00	30s Complex RAA2-35 6-10 11/28/00	30s Complex RAA2-36 1-6 11/29/00
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
1,2,4-Trichlorobenzene	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
1,2-Dichlorobenzene	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
1,2-Diphenylhydrazine	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
1,3,5-Trinitrobenzene	NS	ND(0.80)	NS	ND(0.81)	ND(0.81)
1,3-Dichlorobenzene	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
1,3-Dinitrobenzene	NS	ND(2.0)	NS	ND(2.1)	ND(2.0)
1,4-Dichlorobenzene	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
1,4-Naphthoquinone	NS	ND(2.0)	NS	ND(2.1)	ND(2.0)
1-Naphthylamine	NS	ND(2.0)	NS	ND(2.1)	ND(2.0)
2,3,4,6-Tetrachlorophenol	NS	**ND(0.40) J**	NS	**ND(0.40) J**	ND(0.40)
2,4,5-Trichlorophenol	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
2,4,6-Trichlorophenol	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
2,4-Dichlorophenol	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
2,4-Dimethylphenol	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
2,4-Dinitrophenol	NS	ND(2.0)	NS	ND(2.1)	**ND(2.0) J**
2,4-Dinitrotoluene	NS	ND(2.0)	NS	ND(2.1)	ND(2.0)
2,6-Dichlorophenol	NS	**ND(0.40) J**	NS	**ND(0.40) J**	ND(0.40)
2,6-Dinitrotoluene	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
2-Acetylaminofluorene	NS	ND(0.80)	NS	ND(0.81)	ND(0.81)
2-Chloronaphthalene	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
2-Chlorophenol	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
2-Methylnaphthalene	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
2-Methylphenol	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
2-Naphthylamine	NS	ND(2.0)	NS	ND(2.1)	ND(2.0)
2-Nitroaniline	NS	ND(2.0)	NS	ND(2.1)	ND(2.0)
2-Nitrophenol	NS	ND(0.80)	NS	ND(0.81)	ND(0.81)
2-Picoline	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
3&4-Methylphenol	NS	ND(0.80)	NS	ND(0.81)	ND(0.81)
3,3'-Dichlorobenzidine	NS	ND(2.0)	NS	ND(2.1)	ND(2.0)
3,3'-Dimethylbenzidine	NS	**ND(2.0) J**	NS	**ND(2.1) J**	ND(2.0)
3-Methylcholanthrene	NS	ND(0.80)	NS	ND(0.81)	ND(0.81)
3-Nitroaniline	NS	ND(2.0)	NS	ND(2.1)	ND(2.0)
4,6-Dinitro-2-methylphenol	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
4-Aminobiphenyl	NS	ND(0.80)	NS	ND(0.81)	ND(0.81)
4-Bromophenyl-phenylether	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
4-Chloro-3-Methylphenol	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
4-Chloroaniline	NS	ND(0.80)	NS	ND(0.81)	ND(0.81)
4-Chlorobenzilate	NS	ND(2.0)	NS	ND(2.1)	ND(2.0)
4-Chlorophenyl-phenylether	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
4-Nitroaniline	NS	ND(2.0)	NS	ND(2.1)	ND(2.0)
4-Nitrophenol	NS	ND(2.0)	NS	ND(2.1)	ND(2.0)
4-Nitroquinoline-1-oxide	NS	ND(2.0)	NS	ND(2.1)	**ND(2.0) J**
4-Phenylenediamine	NS	ND(2.0)	NS	ND(2.1)	ND(2.0)
5-Nitro-o-toluidine	NS	ND(2.0)	NS	ND(2.1)	ND(2.0)
7,12-Dimethylbenz(a)anthracene	NS	**ND(0.80) J**	NS	**ND(0.81) J**	ND(0.81)
a,a'-Dimethylphenethylamine	NS	ND(2.0)	NS	ND(2.1)	ND(2.0)
Acenaphthene	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Acenaphthylene	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Acetophenone	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Aniline	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Anthracene	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Aramite	NS	**ND(0.80) J**	NS	**ND(0.81) J**	**ND(0.81) J**
Benzidine	NS	ND(0.80)	NS	ND(0.81)	ND(0.81)
Benzo(a)anthracene	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Benzo(a)pyrene	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Benzo(b)fluoranthene	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Benzo(g,h,i)perylene	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Benzo(k)fluoranthene	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-33 12-14 12/26/00	30s Complex RAA2-34 0-1 11/28/00	30s Complex RAA2-35 6-8 11/28/00	30s Complex RAA2-35 6-10 11/28/00	30s Complex RAA2-36 1-6 11/29/00
Semivolatile Organics (continued)					
Benzyl Alcohol	NS	ND(0.80)	NS	ND(0.81)	ND(0.81)
bis(2-Chloroethoxy)methane	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
bis(2-Chloroethyl)ether	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
bis(2-Chloroisopropyl)ether	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
bis(2-Ethylhexyl)phthalate	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Butylbenzylphthalate	NS	ND(0.80)	NS	ND(0.81)	ND(0.81)
Chrysene	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Diallate	NS	ND(0.80)	NS	ND(0.81)	ND(0.81)
Dibenzo(a,h)anthracene	NS	ND(0.80)	NS	ND(0.81)	ND(0.81)
Dibenzofuran	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Diethylphthalate	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Dimethylphthalate	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Di-n-Butylphthalate	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Di-n-Octylphthalate	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Diphenylamine	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Ethyl Methanesulfonate	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Fluoranthene	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Fluorene	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Hexachlorobenzene	NS	ND(0.40)	NS	ND(0.40)	**ND(0.40) J**
Hexachlorobutadiene	NS	ND(0.80)	NS	ND(0.81)	ND(0.81)
Hexachlorocyclopentadiene	NS	**ND(0.40) J**	NS	**ND(0.40) J**	ND(0.40)
Hexachloroethane	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Hexachlorophene	NS	**ND(0.80) J**	NS	**ND(0.81) J**	**ND(0.81) J**
Hexachloropropene	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Indeno(1,2,3-cd)pyrene	NS	ND(0.80)	NS	ND(0.81)	ND(0.81)
Isodrin	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Isophorone	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Isosafrole	NS	ND(0.80)	NS	ND(0.81)	ND(0.81)
Methapyrilene	NS	**ND(2.0) J**	NS	**ND(2.1) J**	ND(2.0)
Methyl Methanesulfonate	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Naphthalene	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Nitrobenzene	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
N-Nitrosodiethylamine	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
N-Nitrosodimethylamine	NS	ND(2.0)	NS	ND(2.0)	ND(2.0)
N-Nitroso-di-n-butylamine	NS	ND(0.80)	NS	ND(0.81)	ND(0.81)
N-Nitroso-di-n-propylamine	NS	ND(0.80)	NS	ND(0.81)	ND(0.81)
N-Nitrosodiphenylamine	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
N-Nitrosomethylethylamine	NS	ND(0.80)	NS	ND(0.81)	ND(0.81)
N-Nitrosomorpholine	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
N-Nitrosopiperidine	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
N-Nitrosopyrrolidine	NS	ND(0.80)	NS	ND(0.81)	ND(0.81)
o,o,o-Triethylphosphorothioate	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
o-Toluidine	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
p-Dimethylaminoazobenzene	NS	ND(2.0)	NS	ND(2.1)	ND(2.0)
Pentachlorobenzene	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Pentachloroethane	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Pentachloronitrobenzene	NS	**ND(2.0) J**	NS	**ND(2.1) J**	**ND(2.0) J**
Pentachlorophenol	NS	ND(2.0)	NS	ND(2.1)	ND(2.0)
Phenacetin	NS	ND(2.0)	NS	ND(2.1)	ND(2.0)
Phenanthrene	NS	ND(0.40)	NS	0.42	ND(0.40)
Phenol	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Pronamide	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Pyrene	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Pyridine	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)
Safrole	NS	**ND(0.40) J**	NS	**ND(0.40) J**	ND(0.40)
Thionazin	NS	ND(0.40)	NS	ND(0.40)	ND(0.40)

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-33 12-14 12/26/00	30s Complex RAA2-34 0-1 11/28/00	30s Complex RAA2-35 6-8 11/28/00	30s Complex RAA2-35 6-10 11/28/00	30s Complex RAA2-36 1-6 11/29/00
Furans					
2,3,7,8-TCDF	NS	0.0000020	NS	0.0000023	0.0000011 Jw
TCDFs (total)	NS	0.0000020	NS	0.0000063	0.0000019
1,2,3,7,8-PeCDF	NS	ND(0.00000017)	NS	ND(0.00000048)	ND(0.00000041)
2,3,4,7,8-PeCDF	NS	0.00000079	NS	ND(0.00000047)	ND(0.00000041)
PeCDFs (total)	NS	0.0000074	NS	0.0000033	0.00000089
1,2,3,4,7,8-HxCDF	NS	0.0000049 I	NS	0.0000029 I	0.0000033 I
1,2,3,6,7,8-HxCDF	NS	0.00000036 w	NS	ND(0.00000035)	ND(0.00000033)
1,2,3,7,8,9-HxCDF	NS	ND(0.00000011)	NS	ND(0.00000045)	ND(0.00000042)
2,3,4,6,7,8-HxCDF	NS	0.00000061	NS	ND(0.00000035)	ND(0.00000033)
HxCDFs (total)	NS	0.0000060	NS	0.0000018	0.0000025
1,2,3,4,6,7,8-HpCDF	NS	0.0000022 w	NS	0.0000012	0.00000084 w
1,2,3,4,7,8,9-HpCDF	NS	ND(0.00000015)	NS	ND(0.00000073)	ND(0.00000019)
HpCDFs (total)	NS	ND(0.00000011)	NS	0.0000026	ND(0.00000014)
OCDF	NS	0.0000041	NS	ND(0.0000010)	0.0000011
Total Furans	NS	0.000020	NS	0.000014	0.0000064
Dioxins					
2,3,7,8-TCDD	NS	ND(0.00000025)	NS	ND(0.00000032)	ND(0.00000039)
TCDDs (total)	NS	ND(0.00000025)	NS	ND(0.00000032)	ND(0.00000039)
1,2,3,7,8-PeCDD	NS	ND(0.00000086)	NS	ND(0.0000011)	ND(0.0000020)
PeCDDs (total)	NS	ND(0.00000086)	NS	ND(0.0000011)	ND(0.0000020)
1,2,3,4,7,8-HxCDD	NS	ND(0.00000032)	NS	ND(0.00000043)	ND(0.00000036)
1,2,3,6,7,8-HxCDD	NS	ND(0.00000030)	NS	ND(0.00000042)	ND(0.00000035)
1,2,3,7,8,9-HxCDD	NS	ND(0.00000030)	NS	ND(0.00000041)	ND(0.00000034)
HxCDDs (total)	NS	ND(0.00000030)	NS	ND(0.00000042)	ND(0.00000035)
1,2,3,4,6,7,8-HpCDD	NS	0.0000032	NS	0.0000011 w	0.00000093 w
HpCDDs (total)	NS	0.0000063	NS	0.0000013	ND(0.00000023)
OCDD	NS	0.000024 B	NS	0.0000071 B	0.000015
Total Dioxins	NS	0.000030	NS	0.0000084	0.000015
WHO TEF	NS	0.0000019	NS	0.0000015	0.0000019
Inorganics					
Antimony	NS	**ND(11.0) J**	NS	**ND(11.0) J**	ND(11.0)
Arsenic	NS	ND(18.0)	NS	20.0	ND(18.0)
Barium	NS	ND(36.0)	NS	ND(36.0)	ND(36.0)
Beryllium	NS	0.180	NS	0.250	ND(0.180)
Cadmium	NS	ND(1.80)	NS	ND(1.80)	ND(1.80)
Chromium	NS	6.80	NS	8.30	ND(4.80)
Cobalt	NS	ND(9.00)	NS	10.0	ND(9.00)
Copper	NS	23.0	NS	36.0	ND(18.0)
Cyanide	NS	ND(1.00)	NS	ND(1.00)	0.130
Lead	NS	20.0	NS	11.0	6.90
Mercury	NS	ND(0.240)	NS	ND(0.240)	ND(0.240)
Nickel	NS	12.0	NS	16.0	8.20
Selenium	NS	ND(0.900)	NS	ND(0.910)	ND(0.900)
Silver	NS	ND(0.900)	NS	ND(0.910)	ND(0.900)
Sulfide	NS	9.50	NS	14.0	ND(6.00)
Thallium	NS	**ND(1.80) J**	NS	**ND(1.80) J**	ND(1.80)
Tin	NS	ND(54.0)	NS	ND(54.0)	ND(54.0)
Vanadium	NS	ND(9.00)	NS	ND(9.10)	ND(9.00)
Zinc	NS	45.0	NS	47.0	29.0

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area:	30s Complex	30s Complex	30s Complex	30s Complex	30s Complex	30s Complex
Sample ID:	RAA2-36	RAA2-37	RAA2-37	RAA2-38	RAA2-38	RAA2-39
Sample Depth(Feet):	4-6	6-15	8-10	1-6	2-4	6-8
Parameter Date Collected:	11/29/00	11/30/00	11/30/00	12/05/00	12/05/00	11/27/00
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
1,1,1-Trichloroethane	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
1,1,2,2-Tetrachloroethane	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
1,1,2-Trichloroethane	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
1,1-Dichloroethane	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
1,1-Dichloroethene	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
1,2,3-Trichloropropane	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
1,2-Dibromo-3-chloropropane	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
1,2-Dibromoethane	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
1,2-Dichloroethane	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
1,2-Dichloropropane	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
1,4-Dioxane	ND(0.20)	NS	**ND(0.20) J**	NS	**ND(0.20) J**	**ND(0.20) J**
2-Butanone	ND(0.10)	NS	ND(0.10)	NS	ND(0.10)	ND(0.10)
2-Chloro-1,3-butadiene	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
2-Chloroethylvinylether	ND(0.0062)	NS	ND(0.0075)	NS	**ND(0.0067) J**	ND(0.0070)
2-Hexanone	ND(0.012)	NS	ND(0.015)	NS	ND(0.013)	ND(0.014)
3-Chloropropene	ND(0.012)	NS	ND(0.015)	NS	ND(0.013)	ND(0.014)
4-Methyl-2-pentanone	ND(0.012)	NS	ND(0.015)	NS	ND(0.013)	ND(0.014)
Acetone	ND(0.10)	NS	ND(0.10)	NS	ND(0.10)	ND(0.10)
Acetonitrile	ND(0.12)	NS	ND(0.15)	NS	ND(0.13)	ND(0.14)
Acrolein	**ND(0.12) J**	NS	**ND(0.15) J**	NS	**ND(0.13) J**	**ND(0.14) J**
Acrylonitrile	ND(0.012)	NS	ND(0.015)	NS	ND(0.013)	ND(0.014)
Benzene	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
Bromodichloromethane	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
Bromoform	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
Bromomethane	ND(0.012)	NS	ND(0.015)	NS	ND(0.013)	ND(0.014)
Carbon Disulfide	ND(0.010)	NS	ND(0.010)	NS	ND(0.010)	ND(0.010)
Carbon Tetrachloride	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
Chlorobenzene	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
Chloroethane	ND(0.012)	NS	ND(0.015)	NS	ND(0.013)	ND(0.014)
Chloroform	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
Chloromethane	ND(0.012)	NS	ND(0.015)	NS	ND(0.013)	ND(0.014)
cis-1,3-Dichloropropene	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
Dibromochloromethane	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
Dibromomethane	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
Dichlorodifluoromethane	ND(0.012)	NS	ND(0.015)	NS	ND(0.013)	ND(0.014)
Ethyl Methacrylate	ND(0.012)	NS	ND(0.015)	NS	ND(0.013)	ND(0.014)
Ethylbenzene	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
Iodomethane	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
Isobutanol	**ND(0.25) J**	NS	**ND(0.30) J**	NS	**ND(0.27) J**	**ND(0.28) J**
Methacrylonitrile	ND(0.012)	NS	ND(0.015)	NS	ND(0.013)	ND(0.014)
Methyl Methacrylate	ND(0.012)	NS	ND(0.015)	NS	ND(0.013)	ND(0.014)
Methylene Chloride	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
Propionitrile	**ND(0.062) J**	NS	**ND(0.075) J**	NS	**ND(0.067) J**	**ND(0.070) J**
Styrene	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
Tetrachloroethene	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
Toluene	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
trans-1,2-Dichloroethene	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
trans-1,3-Dichloropropene	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
trans-1,4-Dichloro-2-butene	ND(0.012)	NS	ND(0.015)	NS	ND(0.013)	ND(0.014)
Trichloroethene	ND(0.0062)	NS	0.014	NS	ND(0.0067)	ND(0.0070)
Trichlorofluoromethane	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)
Vinyl Acetate	ND(0.012)	NS	ND(0.015)	NS	ND(0.013)	ND(0.014)
Vinyl Chloride	ND(0.012)	NS	ND(0.015)	NS	ND(0.013)	ND(0.014)
Xylenes (total)	ND(0.0062)	NS	ND(0.0075)	NS	ND(0.0067)	ND(0.0070)

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-36 4-6 11/29/00	30s Complex RAA2-37 6-15 11/30/00	30s Complex RAA2-37 8-10 11/30/00	30s Complex RAA2-38 1-6 12/05/00	30s Complex RAA2-38 2-4 12/05/00	30s Complex RAA2-39 6-8 11/27/00
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NS	ND(0.40)	NS	ND(0.43)	NS	NS
1,2,4-Trichlorobenzene	NS	ND(0.40)	NS	ND(0.43)	NS	NS
1,2-Dichlorobenzene	NS	ND(0.40)	NS	ND(0.43)	NS	NS
1,2-Diphenylhydrazine	NS	ND(0.40)	NS	ND(0.43)	NS	NS
1,3,5-Trinitrobenzene	NS	ND(0.81)	NS	ND(0.86)	NS	NS
1,3-Dichlorobenzene	NS	ND(0.40)	NS	ND(0.43)	NS	NS
1,3-Dinitrobenzene	NS	ND(2.0)	NS	ND(2.2)	NS	NS
1,4-Dichlorobenzene	NS	ND(0.40)	NS	ND(0.43)	NS	NS
1,4-Naphthoquinone	NS	ND(2.0)	NS	ND(2.2)	NS	NS
1-Naphthylamine	NS	ND(2.0)	NS	ND(2.2)	NS	NS
2,3,4,6-Tetrachlorophenol	NS	ND(0.40)	NS	ND(0.43)	NS	NS
2,4,5-Trichlorophenol	NS	ND(0.40)	NS	ND(0.43)	NS	NS
2,4,6-Trichlorophenol	NS	ND(0.40)	NS	ND(0.43)	NS	NS
2,4-Dichlorophenol	NS	ND(0.40)	NS	ND(0.43)	NS	NS
2,4-Dimethylphenol	NS	ND(0.40)	NS	ND(0.43)	NS	NS
2,4-Dinitrophenol	NS	**ND(2.0) J**	NS	ND(2.2)	NS	NS
2,4-Dinitrotoluene	NS	ND(2.0)	NS	ND(2.2)	NS	NS
2,6-Dichlorophenol	NS	ND(0.40)	NS	ND(0.43)	NS	NS
2,6-Dinitrotoluene	NS	ND(0.40)	NS	ND(0.43)	NS	NS
2-Acetylaminofluorene	NS	ND(2.0)	NS	ND(0.86)	NS	NS
2-Chloronaphthalene	NS	ND(0.40)	NS	ND(0.43)	NS	NS
2-Chlorophenol	NS	ND(0.40)	NS	ND(0.43)	NS	NS
2-Methylnaphthalene	NS	ND(0.40)	NS	ND(0.43)	NS	NS
2-Methylphenol	NS	ND(0.40)	NS	ND(0.43)	NS	NS
2-Naphthylamine	NS	ND(2.0)	NS	ND(2.2)	NS	NS
2-Nitroaniline	NS	ND(2.0)	NS	ND(2.2)	NS	NS
2-Nitrophenol	NS	ND(0.81)	NS	ND(0.86)	NS	NS
2-Picoline	NS	ND(0.40)	NS	ND(0.43)	NS	NS
3&4-Methylphenol	NS	ND(0.81)	NS	ND(0.86)	NS	NS
3,3'-Dichlorobenzidine	NS	ND(2.0)	NS	ND(2.2)	NS	NS
3,3'-Dimethylbenzidine	NS	ND(2.0)	NS	ND(2.2)	NS	NS
3-Methylcholanthrene	NS	ND(0.81)	NS	ND(0.86)	NS	NS
3-Nitroaniline	NS	ND(2.0)	NS	ND(2.2)	NS	NS
4,6-Dinitro-2-methylphenol	NS	ND(2.0)	NS	ND(0.43)	NS	NS
4-Aminobiphenyl	NS	ND(0.81)	NS	ND(0.86)	NS	NS
4-Bromophenyl-phenylether	NS	ND(0.40)	NS	ND(0.43)	NS	NS
4-Chloro-3-Methylphenol	NS	ND(0.40)	NS	ND(0.43)	NS	NS
4-Chloroaniline	NS	ND(0.81)	NS	ND(0.86)	NS	NS
4-Chlorobenzilate	NS	ND(2.0)	NS	ND(2.2)	NS	NS
4-Chlorophenyl-phenylether	NS	ND(0.40)	NS	ND(0.43)	NS	NS
4-Nitroaniline	NS	ND(2.0)	NS	ND(2.2)	NS	NS
4-Nitrophenol	NS	ND(2.0)	NS	ND(2.2)	NS	NS
4-Nitroquinoline-1-oxide	NS	**ND(2.0) J**	NS	ND(2.2)	NS	NS
4-Phenylenediamine	NS	**ND(2.0) J**	NS	ND(2.2)	NS	NS
5-Nitro-o-toluidine	NS	ND(2.0)	NS	ND(2.2)	NS	NS
7,12-Dimethylbenz(a)anthracene	NS	ND(0.81)	NS	ND(0.86)	NS	NS
a,a'-Dimethylphenethylamine	NS	ND(2.0)	NS	ND(2.2)	NS	NS
Acenaphthene	NS	ND(0.40)	NS	ND(0.43)	NS	NS
Acenaphthylene	NS	ND(0.40)	NS	ND(0.43)	NS	NS
Acetophenone	NS	ND(0.40)	NS	ND(0.43)	NS	NS
Aniline	NS	ND(0.40)	NS	ND(0.43)	NS	NS
Anthracene	NS	ND(0.40)	NS	ND(0.43)	NS	NS
Aramite	NS	**ND(0.81) J**	NS	ND(0.86)	NS	NS
Benzidine	NS	ND(0.81)	NS	ND(0.86)	NS	NS
Benzo(a)anthracene	NS	ND(0.40)	NS	0.44	NS	NS
Benzo(a)pyrene	NS	ND(0.40)	NS	0.45	NS	NS
Benzo(b)fluoranthene	NS	ND(0.40)	NS	0.71	NS	NS
Benzo(g,h,i)perylene	NS	ND(0.40)	NS	0.97	NS	NS
Benzo(k)fluoranthene	NS	ND(0.40)	NS	0.48	NS	NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-36 4-6 11/29/00	30s Complex RAA2-37 6-15 11/30/00	30s Complex RAA2-37 8-10 11/30/00	30s Complex RAA2-38 1-6 12/05/00	30s Complex RAA2-38 2-4 12/05/00	30s Complex RAA2-39 6-8 11/27/00
Semivolatile Organics (continued)						
Benzyl Alcohol	NS	ND(0.81)	NS	ND(0.86)	NS	NS
bis(2-Chloroethoxy)methane	NS	ND(0.40)	NS	ND(0.43)	NS	NS
bis(2-Chloroethyl)ether	NS	ND(0.40)	NS	ND(0.43)	NS	NS
bis(2-Chloroisopropyl)ether	NS	ND(0.40)	NS	ND(0.43)	NS	NS
bis(2-Ethylhexyl)phthalate	NS	ND(0.40)	NS	ND(0.43)	NS	NS
Butylbenzylphthalate	NS	ND(0.81)	NS	ND(0.86)	NS	NS
Chrysene	NS	ND(0.40)	NS	0.61	NS	NS
Diallate	NS	ND(0.81)	NS	ND(0.86)	NS	NS
Dibenzo(a,h)anthracene	NS	ND(0.81)	NS	ND(0.86)	NS	NS
Dibenzofuran	NS	ND(0.40)	NS	ND(0.43)	NS	NS
Diethylphthalate	NS	ND(0.40)	NS	ND(0.43)	NS	NS
Dimethylphthalate	NS	ND(0.40)	NS	ND(0.43)	NS	NS
Di-n-Butylphthalate	NS	ND(0.40)	NS	ND(0.43)	NS	NS
Di-n-Octylphthalate	NS	ND(0.40)	NS	ND(0.43)	NS	NS
Diphenylamine	NS	ND(0.40)	NS	ND(0.43)	NS	NS
Ethyl Methanesulfonate	NS	ND(0.40)	NS	ND(0.43)	NS	NS
Fluoranthene	NS	ND(0.40)	NS	0.57	NS	NS
Fluorene	NS	ND(0.40)	NS	ND(0.43)	NS	NS
Hexachlorobenzene	NS	**ND(0.40) J**	NS	ND(0.43)	NS	NS
Hexachlorobutadiene	NS	ND(0.81)	NS	ND(0.86)	NS	NS
Hexachlorocyclopentadiene	NS	ND(0.40)	NS	ND(0.43)	NS	NS
Hexachloroethane	NS	ND(0.40)	NS	ND(0.43)	NS	NS
Hexachlorophene	NS	**ND(2.0) J**	NS	ND(0.86)	NS	NS
Hexachloropropene	NS	**ND(0.40) J**	NS	ND(0.43)	NS	NS
Indeno(1,2,3-cd)pyrene	NS	ND(0.81)	NS	ND(0.86)	NS	NS
Isodrin	NS	ND(0.40)	NS	ND(0.43)	NS	NS
Isophorone	NS	ND(0.40)	NS	ND(0.43)	NS	NS
Isosafrole	NS	ND(0.81)	NS	ND(0.86)	NS	NS
Methapyrilene	NS	ND(2.0)	NS	ND(2.2)	NS	NS
Methyl Methanesulfonate	NS	ND(0.40)	NS	ND(0.43)	NS	NS
Naphthalene	NS	ND(0.40)	NS	ND(0.43)	NS	NS
Nitrobenzene	NS	ND(0.40)	NS	ND(0.43)	NS	NS
N-Nitrosodiethylamine	NS	ND(0.40)	NS	ND(0.43)	NS	NS
N-Nitrosodimethylamine	NS	ND(0.81)	NS	ND(0.86)	NS	NS
N-Nitroso-di-n-butylamine	NS	**ND(0.81) J**	NS	ND(0.86)	NS	NS
N-Nitroso-di-n-propylamine	NS	ND(0.81)	NS	ND(0.86)	NS	NS
N-Nitrosodiphenylamine	NS	ND(0.40)	NS	ND(0.43)	NS	NS
N-Nitrosomethylethylamine	NS	ND(0.81)	NS	ND(0.86)	NS	NS
N-Nitrosomorpholine	NS	ND(0.40)	NS	ND(0.43)	NS	NS
N-Nitrosopiperidine	NS	ND(0.40)	NS	ND(0.43)	NS	NS
N-Nitrosopyrrolidine	NS	ND(0.81)	NS	ND(0.86)	NS	NS
o,o,o-Triethylphosphorothioate	NS	ND(0.40)	NS	ND(0.43)	NS	NS
o-Toluidine	NS	ND(0.40)	NS	ND(0.43)	NS	NS
p-Dimethylaminoazobenzene	NS	ND(2.0)	NS	ND(2.2)	NS	NS
Pentachlorobenzene	NS	ND(0.40)	NS	ND(0.43)	NS	NS
Pentachloroethane	NS	ND(0.40)	NS	ND(0.43)	NS	NS
Pentachloronitrobenzene	NS	**ND(2.0) J**	NS	**ND(2.2) J**	NS	NS
Pentachlorophenol	NS	ND(2.0)	NS	ND(2.2)	NS	NS
Phenacetin	NS	ND(2.0)	NS	ND(2.2)	NS	NS
Phenanthrene	NS	ND(0.40)	NS	ND(0.43)	NS	NS
Phenol	NS	ND(0.40)	NS	ND(0.43)	NS	NS
Pronamide	NS	ND(0.40)	NS	ND(0.43)	NS	NS
Pyrene	NS	ND(0.40)	NS	0.47	NS	NS
Pyridine	NS	ND(0.40)	NS	ND(0.43)	NS	NS
Safrole	NS	ND(0.40)	NS	ND(0.43)	NS	NS
Thionazin	NS	ND(0.40)	NS	ND(0.43)	NS	NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-36 4-6 11/29/00	30s Complex RAA2-37 6-15 11/30/00	30s Complex RAA2-37 8-10 11/30/00	30s Complex RAA2-38 1-6 12/05/00	30s Complex RAA2-38 2-4 12/05/00	30s Complex RAA2-39 6-8 11/27/00
Furans						
2,3,7,8-TCDF	NS	0.00000033	NS	0.0000050	NS	NS
TCDFs (total)	NS	0.00000069	NS	0.000046	NS	NS
1,2,3,7,8-PeCDF	NS	ND(0.000000071)	NS	0.0000026	NS	NS
2,3,4,7,8-PeCDF	NS	ND(0.000000070)	NS	0.0000050	NS	NS
PeCDFs (total)	NS	0.00000037	NS	0.000049	NS	NS
1,2,3,4,7,8-HxCDF	NS	0.00000019 w	NS	0.0000035	NS	NS
1,2,3,6,7,8-HxCDF	NS	ND(0.000000042)	NS	0.0000026	NS	NS
1,2,3,7,8,9-HxCDF	NS	ND(0.000000054)	NS	0.00000094 J	NS	NS
2,3,4,6,7,8-HxCDF	NS	ND(0.000000042)	NS	0.0000051	NS	NS
HxCDFs (total)	NS	ND(0.000000042)	NS	0.000064	NS	NS
1,2,3,4,6,7,8-HpCDF	NS	**ND(0.00000016)**	NS	0.0000066	NS	NS
1,2,3,4,7,8,9-HpCDF	NS	ND(0.00000012)	NS	0.0000011 J	NS	NS
HpCDFs (total)	NS	ND(0.000000087)	NS	0.000017	NS	NS
OCDF	NS	**ND(0.00000023)**	NS	0.0000029 J	NS	NS
Total Furans	NS	0.0000011	NS	0.00018	NS	NS
Dioxins						
2,3,7,8-TCDD	NS	ND(0.000000073)	NS	ND(0.00000021)	NS	NS
TCDDs (total)	NS	ND(0.000000073)	NS	0.00000072	NS	NS
1,2,3,7,8-PeCDD	NS	ND(0.00000023)	NS	0.00000029 w	NS	NS
PeCDDs (total)	NS	ND(0.00000023)	NS	0.0000029	NS	NS
1,2,3,4,7,8-HxCDD	NS	ND(0.00000013)	NS	0.00000022 J	NS	NS
1,2,3,6,7,8-HxCDD	NS	ND(0.00000012)	NS	0.00000038 J	NS	NS
1,2,3,7,8,9-HxCDD	NS	ND(0.00000012)	NS	0.00000021 J	NS	NS
HxCDDs (total)	NS	ND(0.00000012)	NS	0.0000023	NS	NS
1,2,3,4,6,7,8-HpCDD	NS	**ND(0.00000019)**	NS	0.0000029	NS	NS
HpCDDs (total)	NS	0.00000019	NS	0.0000062	NS	NS
OCDD	NS	**ND(0.0000010)**	NS	0.000033	NS	NS
Total Dioxins	NS	0.00000019	NS	0.000045	NS	NS
WHO TEF	NS	0.00000025	NS	0.0000049	NS	NS
Inorganics						
Antimony	NS	ND(11.0)	NS	ND(12.0)	NS	NS
Arsenic	NS	21.0	NS	22.0	NS	NS
Barium	NS	42.0	NS	ND(38.0)	NS	NS
Beryllium	NS	0.190	NS	0.260	NS	NS
Cadmium	NS	ND(1.80)	NS	ND(1.90)	NS	NS
Chromium	NS	9.00	NS	8.80	NS	NS
Cobalt	NS	10.0	NS	11.0	NS	NS
Copper	NS	32.0	NS	41.0	NS	NS
Cyanide	NS	ND(1.00)	NS	ND(1.30)	NS	NS
Lead	NS	21.0	NS	46.0	NS	NS
Mercury	NS	ND(0.240)	NS	ND(0.260)	NS	NS
Nickel	NS	15.0	NS	15.0	NS	NS
Selenium	NS	**ND(0.910) J**	NS	ND(0.960)	NS	NS
Silver	NS	ND(0.910)	NS	ND(0.960)	NS	NS
Sulfide	NS	ND(6.00)	NS	45.0	NS	NS
Thallium	NS	ND(1.80)	NS	ND(1.90)	NS	NS
Tin	NS	ND(54.0)	NS	ND(58.0)	NS	NS
Vanadium	NS	ND(9.10)	NS	10.0	NS	NS
Zinc	NS	45.0	NS	53.0	NS	NS

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GENERAL ELECTRIC COMPANY
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PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-39 6-15 11/27/00	30s Complex RAA2-40 6-15 12/07/00	30s Complex RAA2-40 10-12 12/07/00	30s Complex RAA2-41 1-6 12/06/00
Volatile Organics				
1,1,1,2-Tetrachloroethane	NS	NS	ND(0.0066)	NS
1,1,1-Trichloroethane	NS	NS	ND(0.0066)	NS
1,1,2,2-Tetrachloroethane	NS	NS	ND(0.0066)	NS
1,1,2-Trichloroethane	NS	NS	ND(0.0066)	NS
1,1-Dichloroethane	NS	NS	ND(0.0066)	NS
1,1-Dichloroethene	NS	NS	ND(0.0066)	NS
1,2,3-Trichloropropane	NS	NS	ND(0.0066)	NS
1,2-Dibromo-3-chloropropane	NS	NS	ND(0.0066)	NS
1,2-Dibromoethane	NS	NS	ND(0.0066)	NS
1,2-Dichloroethane	NS	NS	ND(0.0066)	NS
1,2-Dichloropropane	NS	NS	ND(0.0066)	NS
1,4-Dioxane	NS	NS	**ND(0.20) J**	NS
2-Butanone	NS	NS	ND(0.10)	NS
2-Chloro-1,3-butadiene	NS	NS	ND(0.0066)	NS
2-Chloroethylvinylether	NS	NS	**ND(0.0066) J**	NS
2-Hexanone	NS	NS	ND(0.013)	NS
3-Chloropropene	NS	NS	ND(0.013)	NS
4-Methyl-2-pentanone	NS	NS	ND(0.013)	NS
Acetone	NS	NS	**ND(0.10) J**	NS
Acetonitrile	NS	NS	**ND(0.13) J**	NS
Acrolein	NS	NS	**ND(0.13) J**	NS
Acrylonitrile	NS	NS	ND(0.013)	NS
Benzene	NS	NS	ND(0.0066)	NS
Bromodichloromethane	NS	NS	ND(0.0066)	NS
Bromoform	NS	NS	ND(0.0066)	NS
Bromomethane	NS	NS	ND(0.013)	NS
Carbon Disulfide	NS	NS	ND(0.010)	NS
Carbon Tetrachloride	NS	NS	ND(0.0066)	NS
Chlorobenzene	NS	NS	ND(0.0066)	NS
Chloroethane	NS	NS	ND(0.013)	NS
Chloroform	NS	NS	ND(0.0066)	NS
Chloromethane	NS	NS	ND(0.013)	NS
cis-1,3-Dichloropropene	NS	NS	ND(0.0066)	NS
Dibromochloromethane	NS	NS	ND(0.0066)	NS
Dibromomethane	NS	NS	ND(0.0066)	NS
Dichlorodifluoromethane	NS	NS	ND(0.013)	NS
Ethyl Methacrylate	NS	NS	ND(0.013)	NS
Ethylbenzene	NS	NS	ND(0.0066)	NS
Iodomethane	NS	NS	ND(0.0066)	NS
Isobutanol	NS	NS	**ND(0.27) J**	NS
Methacrylonitrile	NS	NS	ND(0.013)	NS
Methyl Methacrylate	NS	NS	ND(0.013)	NS
Methylene Chloride	NS	NS	ND(0.0066)	NS
Propionitrile	NS	NS	**ND(0.066) J**	NS
Styrene	NS	NS	ND(0.0066)	NS
Tetrachloroethene	NS	NS	ND(0.0066)	NS
Toluene	NS	NS	ND(0.0066)	NS
trans-1,2-Dichloroethene	NS	NS	ND(0.0066)	NS
trans-1,3-Dichloropropene	NS	NS	ND(0.0066)	NS
trans-1,4-Dichloro-2-butene	NS	NS	ND(0.013)	NS
Trichloroethene	NS	NS	ND(0.0066)	NS
Trichlorofluoromethane	NS	NS	ND(0.0066)	NS
Vinyl Acetate	NS	NS	ND(0.013)	NS
Vinyl Chloride	NS	NS	ND(0.013)	NS
Xylenes (total)	NS	NS	ND(0.0066)	NS

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PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: Sample ID: Sample Depth(Feet): Parameter Date Collected:	30s Complex RAA2-39 6-15 11/27/00	30s Complex RAA2-40 6-15 12/07/00	30s Complex RAA2-40 10-12 12/07/00	30s Complex RAA2-41 1-6 12/06/00
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
1,2,4-Trichlorobenzene	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
1,2-Dichlorobenzene	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
1,2-Diphenylhydrazine	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
1,3,5-Trinitrobenzene	**ND(0.83) J**	ND(0.88)	NS	ND(0.80) [ND(0.81)]
1,3-Dichlorobenzene	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
1,3-Dinitrobenzene	ND(2.1)	ND(2.2)	NS	ND(2.0) [ND(2.0)]
1,4-Dichlorobenzene	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
1,4-Naphthoquinone	ND(2.1)	ND(2.2)	NS	ND(2.0) [ND(2.0)]
1-Naphthylamine	ND(2.1)	ND(2.2)	NS	ND(2.0) [ND(2.0)]
2,3,4,6-Tetrachlorophenol	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
2,4,5-Trichlorophenol	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
2,4,6-Trichlorophenol	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
2,4-Dichlorophenol	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
2,4-Dimethylphenol	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
2,4-Dinitrophenol	ND(2.1)	ND(2.2)	NS	ND(2.0) [ND(2.0)]
2,4-Dinitrotoluene	ND(2.1)	ND(2.2)	NS	ND(2.0) [ND(2.0)]
2,6-Dichlorophenol	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
2,6-Dinitrotoluene	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
2-Acetylaminofluorene	ND(0.83)	ND(0.88)	NS	ND(0.80) [ND(0.81) J]
2-Chloronaphthalene	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
2-Chlorophenol	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
2-Methylnaphthalene	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
2-Methylphenol	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
2-Naphthylamine	ND(2.1)	ND(2.2)	NS	ND(2.0) [ND(2.0)]
2-Nitroaniline	ND(2.1)	ND(2.2)	NS	ND(2.0) [ND(2.0)]
2-Nitrophenol	ND(0.83)	ND(0.88)	NS	ND(0.80) [ND(0.81)]
2-Picoline	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
3&4-Methylphenol	ND(0.83)	ND(0.88)	NS	ND(0.80) [ND(0.81)]
3,3'-Dichlorobenzidine	ND(2.1)	ND(2.2)	NS	ND(2.0) [ND(2.0)]
3,3'-Dimethylbenzidine	ND(2.1)	**ND(2.2) J**	NS	ND(2.0) [ND(2.0)]
3-Methylcholanthrene	**ND(0.83) J**	ND(0.88)	NS	ND(0.80) [ND(0.81)]
3-Nitroaniline	ND(2.1)	ND(2.2)	NS	ND(2.0) [ND(2.0)]
4,6-Dinitro-2-methylphenol	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
4-Aminobiphenyl	ND(0.83)	ND(0.88)	NS	ND(0.80) [ND(0.81)]
4-Bromophenyl-phenylether	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
4-Chloro-3-Methylphenol	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
4-Chloroaniline	ND(0.83)	ND(0.88)	NS	ND(0.80) [ND(0.81)]
4-Chlorobenzilate	ND(2.1)	ND(2.2)	NS	ND(2.0) [ND(2.0)]
4-Chlorophenyl-phenylether	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
4-Nitroaniline	ND(2.1)	ND(2.2)	NS	ND(2.0) [ND(2.0)]
4-Nitrophenol	ND(2.1)	ND(2.2)	NS	ND(2.0) [ND(2.0)]
4-Nitroquinoline-1-oxide	**ND(2.1) J**	ND(2.2)	NS	**ND(2.0) J [ND(2.0) J]**
4-Phenylenediamine	**ND(2.1) J**	ND(2.2)	NS	ND(2.0) [ND(2.0)]
5-Nitro-o-toluidine	ND(2.1)	ND(2.2)	NS	ND(2.0) [ND(2.0)]
7,12-Dimethylbenz(a)anthracene	ND(0.83)	**ND(0.88) J**	NS	ND(0.80) [ND(0.81) J]
a,a'-Dimethylphenethylamine	ND(2.1)	ND(2.2)	NS	ND(2.0) [ND(2.0)]
Acenaphthene	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Acenaphthylene	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Acetophenone	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Aniline	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Anthracene	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Aramite	ND(0.83)	ND(0.88)	NS	ND(0.80) [ND(0.81)]
Benzidine	**ND(0.83) J**	**ND(0.88) J**	NS	ND(0.80) [ND(0.81)]
Benzo(a)anthracene	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Benzo(a)pyrene	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Benzo(b)fluoranthene	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Benzo(g,h,i)perylene	ND(0.41)	**ND(0.43) J**	NS	**0.50 J** [ND(0.40)]
Benzo(k)fluoranthene	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]

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GENERAL ELECTRIC COMPANY
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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-39 6-15 11/27/00	30s Complex RAA2-40 6-15 12/07/00	30s Complex RAA2-40 10-12 12/07/00	30s Complex RAA2-41 1-6 12/06/00
Semivolatile Organics (continued)				
Benzyl Alcohol	ND(0.83)	ND(0.88)	NS	ND(0.80) [ND(0.81)]
bis(2-Chloroethoxy)methane	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
bis(2-Chloroethyl)ether	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
bis(2-Chloroisopropyl)ether	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
bis(2-Ethylhexyl)phthalate	ND(0.41)	ND(0.43)	NS	**ND(0.39) J** [ND(0.40)]
Butylbenzylphthalate	ND(0.83)	ND(0.88)	NS	ND(0.80) [ND(0.81)]
Chrysene	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Diallate	ND(0.83)	ND(0.88)	NS	ND(0.80) [ND(0.81)]
Dibenzo(a,h)anthracene	ND(0.83)	**ND(0.88) J**	NS	ND(0.80) [ND(0.81)]
Dibenzofuran	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Diethylphthalate	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Dimethylphthalate	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Di-n-Butylphthalate	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Di-n-Octylphthalate	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Diphenylamine	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Ethyl Methanesulfonate	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Fluoranthene	ND(0.41)	ND(0.43)	NS	0.60 [ND(0.40)]
Fluorene	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Hexachlorobenzene	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Hexachlorobutadiene	ND(0.83)	ND(0.88)	NS	ND(0.80) [ND(0.81)]
Hexachlorocyclopentadiene	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40) J]
Hexachloroethane	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Hexachlorophene	**ND(0.83) J**	**ND(0.88) J**	NS	**ND(0.80) J [ND(0.81) J]**
Hexachloropropene	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Indeno(1,2,3-cd)pyrene	ND(0.83)	ND(0.88)	NS	ND(0.80) [ND(0.81)]
Isodrin	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Isophorone	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Isosafrole	ND(0.83)	ND(0.88)	NS	ND(0.80) [ND(0.81)]
Methapyrilene	ND(2.1)	**ND(2.2) J**	NS	**ND(2.0) J [ND(2.0) J]**
Methyl Methanesulfonate	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Naphthalene	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Nitrobenzene	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
N-Nitrosodiethylamine	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
N-Nitrosodimethylamine	ND(0.83)	ND(0.88)	NS	**ND(0.80) J** [ND(0.81)]
N-Nitroso-di-n-butylamine	ND(0.83)	ND(0.88)	NS	ND(0.80) [ND(0.81)]
N-Nitroso-di-n-propylamine	ND(0.83)	ND(0.88)	NS	ND(0.80) [ND(0.81)]
N-Nitrosodiphenylamine	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
N-Nitrosomethylethylamine	ND(0.83)	ND(0.88)	NS	ND(0.80) [ND(0.81)]
N-Nitrosomorpholine	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
N-Nitrosopiperidine	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
N-Nitrosopyrrolidine	ND(0.83)	ND(0.88)	NS	ND(0.80) [ND(0.81)]
o,o,o-Triethylphosphorothioate	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
o-Toluidine	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
p-Dimethylaminoazobenzene	ND(2.1)	ND(2.2)	NS	ND(2.0) [ND(2.0)]
Pentachlorobenzene	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Pentachloroethane	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Pentachloronitrobenzene	**ND(2.1) J**	**ND(2.2) J**	NS	**ND(2.0) J [ND(2.0) J]**
Pentachlorophenol	ND(2.1)	ND(2.2)	NS	ND(2.0) [ND(2.0)]
Phenacetin	ND(2.1)	ND(2.2)	NS	ND(2.0) [ND(2.0)]
Phenanthrene	ND(0.41)	ND(0.43)	NS	0.54 [ND(0.40)]
Phenol	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Pronamide	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Pyrene	ND(0.41)	ND(0.43)	NS	0.44 [ND(0.40)]
Pyridine	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Safrole	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]
Thionazin	ND(0.41)	ND(0.43)	NS	ND(0.39) [ND(0.40)]

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: Sample ID: Sample Depth(Feet): Parameter Date Collected:	30s Complex RAA2-39 6-15 11/27/00	30s Complex RAA2-40 6-15 12/07/00	30s Complex RAA2-40 10-12 12/07/00	30s Complex RAA2-41 1-6 12/06/00
Furans				
2,3,7,8-TCDF	ND(0.00000037)	ND(0.000000065)	NS	ND(0.000000068) [ND(0.000000073)]
TCDFs (total)	ND(0.00000037)	ND(0.000000065)	NS	ND(0.000000068) [ND(0.000000073)]
1,2,3,7,8-PeCDF	ND(0.00000053)	ND(0.000000060)	NS	0.000000055 w [0.000000060 J]
2,3,4,7,8-PeCDF	ND(0.00000052)	ND(0.000000059)	NS	0.000000073 w [0.000000076 J]
PeCDFs (total)	ND(0.00000052)	ND(0.000000060)	NS	0.00000034 [0.00000051]
1,2,3,4,7,8-HxCDF	ND(0.00000029)	0.00000012 J	NS	0.000000097 J [0.000000082 J]
1,2,3,6,7,8-HxCDF	ND(0.00000029)	ND(0.000000058)	NS	0.00000010 J [0.000000095 J]
1,2,3,7,8,9-HxCDF	ND(0.00000037)	ND(0.000000071)	NS	ND(0.000000054) [ND(0.000000048)]
2,3,4,6,7,8-HxCDF	ND(0.00000029)	ND(0.000000065)	NS	ND(0.000000049) [0.000000051 J]
HxCDFs (total)	ND(0.00000029)	0.00000022	NS	0.00000050 [0.00000056]
1,2,3,4,6,7,8-HpCDF	ND(0.00000020)	**ND(0.00000014)**	NS	0.00000013 J [0.00000014 J]
1,2,3,4,7,8,9-HpCDF	ND(0.00000028)	ND(0.000000090)	NS	ND(0.000000053) [ND(0.000000064)]
HpCDFs (total)	ND(0.00000020)	0.00000026	NS	0.00000013 [0.00000014]
OCDF	ND(0.00000026)	0.00000021 J	NS	ND(0.00000014) [ND(0.000000095)]
Total Furans	ND(0.00000053)	0.00000069	NS	0.00000097 [0.0000012]
Dioxins				
2,3,7,8-TCDD	ND(0.00000072)	ND(0.000000080)	NS	ND(0.000000074) [ND(0.000000056)]
TCDDs (total)	ND(0.00000072)	ND(0.00000028)	NS	ND(0.00000024) [ND(0.00000024)]
1,2,3,7,8-PeCDD	ND(0.0000015)	ND(0.00000013)	NS	ND(0.000000068) [ND(0.000000055)]
PeCDDs (total)	ND(0.0000015)	ND(0.00000036)	NS	ND(0.00000037) [ND(0.00000035)]
1,2,3,4,7,8-HxCDD	ND(0.00000062)	ND(0.000000087)	NS	ND(0.000000079) [ND(0.000000049)]
1,2,3,6,7,8-HxCDD	ND(0.00000059)	ND(0.000000092)	NS	ND(0.000000083) [ND(0.000000052)]
1,2,3,7,8,9-HxCDD	ND(0.00000058)	ND(0.000000082)	NS	ND(0.000000075) [ND(0.000000047)]
HxCDDs (total)	ND(0.00000059)	0.00000014	NS	ND(0.00000036) [ND(0.00000040)]
1,2,3,4,6,7,8-HpCDD	ND(0.00000031)	**ND(0.00000019)**	NS	**ND(0.00000031) [ND(0.00000028)]**
HpCDDs (total)	ND(0.00000031)	**ND(0.00000018)**	NS	0.00000052 [ND(0.00000051)]
OCDD	**ND(0.0000016)**	**ND(0.00000051)**	NS	0.0000098 [0.0000096]
Total Dioxins	ND(0.0000016)	0.00000014	NS	0.000010 [0.0000096]
WHO TEF	0.0000014	0.00000016	NS	0.00000015 [0.00000014]
Inorganics				
Antimony	ND(11.0)	ND(12.0)	NS	**ND(11.0) J [ND(11.0) J]**
Arsenic	ND(19.0)	ND(20.0)	NS	ND(18.0) [ND(18.0)]
Barium	ND(37.0)	ND(39.0)	NS	ND(36.0) [ND(36.0)]
Beryllium	0.380	ND(0.200)	NS	ND(0.180) [ND(0.180)]
Cadmium	ND(1.90)	ND(2.00)	NS	ND(1.80) [ND(1.80)]
Chromium	9.60	9.40	NS	8.00 [10.0]
Cobalt	13.0	13.0	NS	11.0 [12.0]
Copper	30.0	30.0	NS	30.0 [30.0]
Cyanide	ND(1.00)	ND(1.30)	NS	ND(1.20) [ND(1.20)]
Lead	17.0	13.0	NS	14.0 [10.0]
Mercury	ND(0.250)	ND(0.260)	NS	ND(0.240) [ND(0.240)]
Nickel	21.0	20.0	NS	18.0 [22.0]
Selenium	ND(0.930)	ND(0.980)	NS	ND(0.890) [ND(0.900)]
Silver	ND(0.930)	ND(0.980)	NS	ND(0.890) [ND(0.900)]
Sulfide	ND(6.20)	17.0	NS	ND(5.90) [ND(6.00)]
Thallium	ND(1.90)	ND(2.00)	NS	ND(1.80) [ND(1.80)]
Tin	ND(56.0)	ND(59.0)	NS	ND(53.0) [ND(54.0)]
Vanadium	ND(9.30)	ND(9.80)	NS	ND(8.90) [ND(9.00)]
Zinc	48.0	48.0	NS	44.0 [56.0]

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-41 2-4 12/06/00	30s Complex RAA2-42 1.4-6 01/08/01	30s Complex RAA2-42 4-6 01/08/01	30s Complex RAA2-43 6-15 12/01/00	30s Complex RAA2-43 12-14 12/01/00
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
1,1,1-Trichloroethane	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
1,1,2,2-Tetrachloroethane	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
1,1,2-Trichloroethane	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
1,1-Dichloroethane	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
1,1-Dichloroethene	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
1,2,3-Trichloropropane	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
1,2-Dibromo-3-chloropropane	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
1,2-Dibromoethane	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
1,2-Dichloroethane	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
1,2-Dichloropropane	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
1,4-Dioxane	**ND(0.20) J [ND(0.20) J]**	NS	**ND(0.20) J**	NS	**ND(0.20) J**
2-Butanone	ND(0.10) [ND(0.10)]	NS	ND(0.10)	NS	ND(0.10)
2-Chloro-1,3-butadiene	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
2-Chloroethylvinylether	**ND(0.0074) J [ND(0.0060) J]**	NS	**ND(0.0071) J**	NS	**ND(0.0058) J**
2-Hexanone	ND(0.015) [ND(0.012)]	NS	ND(0.014)	NS	ND(0.012)
3-Chloropropene	ND(0.015) [ND(0.012)]	NS	ND(0.014)	NS	ND(0.012)
4-Methyl-2-pentanone	ND(0.015) [ND(0.012)]	NS	**ND(0.014) J**	NS	**ND(0.012) J**
Acetone	ND(0.10) [ND(0.10) J]	NS	ND(0.10)	NS	ND(0.10)
Acetonitrile	ND(0.15) [ND(0.12) J]	NS	ND(0.14)	NS	ND(0.12)
Acrolein	**ND(0.15) J [ND(0.12) J]**	NS	**ND(0.14) J**	NS	**ND(0.12) J**
Acrylonitrile	ND(0.015) [ND(0.012)]	NS	ND(0.014)	NS	ND(0.012)
Benzene	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	0.016
Bromodichloromethane	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
Bromoform	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
Bromomethane	ND(0.015) [ND(0.012)]	NS	ND(0.014)	NS	ND(0.012)
Carbon Disulfide	ND(0.010) [ND(0.010)]	NS	ND(0.010)	NS	ND(0.010)
Carbon Tetrachloride	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
Chlorobenzene	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
Chloroethane	ND(0.015) [ND(0.012)]	NS	ND(0.014)	NS	ND(0.012)
Chloroform	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
Chloromethane	ND(0.015) [ND(0.012)]	NS	ND(0.014)	NS	ND(0.012)
cis-1,3-Dichloropropene	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
Dibromochloromethane	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
Dibromomethane	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
Dichlorodifluoromethane	ND(0.015) [ND(0.012)]	NS	ND(0.014)	NS	ND(0.012)
Ethyl Methacrylate	ND(0.015) [ND(0.012)]	NS	ND(0.014)	NS	ND(0.012)
Ethylbenzene	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
Iodomethane	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
Isobutanol	**ND(0.29) J [ND(0.24) J]**	NS	**ND(0.28) J**	NS	**ND(0.23) J**
Methacrylonitrile	ND(0.015) [ND(0.012)]	NS	ND(0.014)	NS	**ND(0.012) J**
Methyl Methacrylate	ND(0.015) [ND(0.012)]	NS	ND(0.014)	NS	ND(0.012)
Methylene Chloride	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
Propionitrile	**ND(0.074) J [ND(0.060) J]**	NS	**ND(0.071) J**	NS	**ND(0.058) J**
Styrene	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
Tetrachloroethene	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
Toluene	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
trans-1,2-Dichloroethene	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
trans-1,3-Dichloropropene	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
trans-1,4-Dichloro-2-butene	ND(0.015) [ND(0.012)]	NS	ND(0.014)	NS	ND(0.012)
Trichloroethene	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	ND(0.0058)
Trichlorofluoromethane	**ND(0.0074) J** [ND(0.0060)]	NS	**ND(0.0071) J**	NS	ND(0.0058)
Vinyl Acetate	ND(0.015) [ND(0.012)]	NS	ND(0.014)	NS	ND(0.012)
Vinyl Chloride	ND(0.015) [ND(0.012)]	NS	ND(0.014)	NS	ND(0.012)
Xylenes (total)	ND(0.0074) [ND(0.0060)]	NS	ND(0.0071)	NS	0.013

TABLE 2-2

GENERAL ELECTRIC COMPANY
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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-41 2-4 12/06/00	30s Complex RAA2-42 1.4-6 01/08/01	30s Complex RAA2-42 4-6 01/08/01	30s Complex RAA2-43 6-15 12/01/00	30s Complex RAA2-43 12-14 12/01/00
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NS	ND(2.6)	NS	ND(2.0)	NS
1,2,4-Trichlorobenzene	NS	ND(2.6)	NS	ND(2.0)	NS
1,2-Dichlorobenzene	NS	ND(2.6)	NS	ND(2.0)	NS
1,2-Diphenylhydrazine	NS	ND(2.6)	NS	ND(2.0)	NS
1,3,5-Trinitrobenzene	NS	ND(5.2)	NS	ND(3.9)	NS
1,3-Dichlorobenzene	NS	ND(2.6)	NS	ND(2.0)	NS
1,3-Dinitrobenzene	NS	ND(13)	NS	ND(9.8)	NS
1,4-Dichlorobenzene	NS	ND(2.6)	NS	ND(2.0)	NS
1,4-Naphthoquinone	NS	ND(13)	NS	**ND(9.8) J**	NS
1-Naphthylamine	NS	ND(13)	NS	ND(9.8)	NS
2,3,4,6-Tetrachlorophenol	NS	ND(2.6)	NS	ND(2.0)	NS
2,4,5-Trichlorophenol	NS	ND(2.6)	NS	ND(2.0)	NS
2,4,6-Trichlorophenol	NS	ND(2.6)	NS	ND(2.0)	NS
2,4-Dichlorophenol	NS	ND(2.6)	NS	ND(2.0)	NS
2,4-Dimethylphenol	NS	ND(2.6)	NS	ND(2.0)	NS
2,4-Dinitrophenol	NS	ND(13)	NS	ND(9.8)	NS
2,4-Dinitrotoluene	NS	ND(13)	NS	ND(9.8)	NS
2,6-Dichlorophenol	NS	ND(2.6)	NS	ND(2.0)	NS
2,6-Dinitrotoluene	NS	ND(2.6)	NS	ND(2.0)	NS
2-Acetylaminofluorene	NS	ND(5.2)	NS	ND(3.9)	NS
2-Chloronaphthalene	NS	ND(2.6)	NS	ND(2.0)	NS
2-Chlorophenol	NS	ND(2.6)	NS	ND(2.0)	NS
2-Methylnaphthalene	NS	ND(2.6)	NS	ND(2.0)	NS
2-Methylphenol	NS	ND(2.6)	NS	**ND(2.0) J**	NS
2-Naphthylamine	NS	ND(13)	NS	ND(9.8)	NS
2-Nitroaniline	NS	ND(13)	NS	ND(9.8)	NS
2-Nitrophenol	NS	ND(5.2)	NS	ND(3.9)	NS
2-Picoline	NS	ND(2.6)	NS	ND(2.0)	NS
3&4-Methylphenol	NS	ND(5.2)	NS	ND(3.9)	NS
3,3'-Dichlorobenzidine	NS	ND(13)	NS	ND(9.8)	NS
3,3'-Dimethylbenzidine	NS	ND(13)	NS	ND(9.8)	NS
3-Methylcholanthrene	NS	ND(5.2)	NS	ND(3.9)	NS
3-Nitroaniline	NS	ND(13)	NS	ND(9.8)	NS
4,6-Dinitro-2-methylphenol	NS	ND(2.6)	NS	ND(9.8)	NS
4-Aminobiphenyl	NS	ND(5.2)	NS	ND(3.9)	NS
4-Bromophenyl-phenylether	NS	ND(2.6)	NS	ND(2.0)	NS
4-Chloro-3-Methylphenol	NS	ND(2.6)	NS	ND(2.0)	NS
4-Chloroaniline	NS	ND(5.2)	NS	ND(3.9)	NS
4-Chlorobenzilate	NS	ND(13)	NS	ND(9.8)	NS
4-Chlorophenyl-phenylether	NS	ND(2.6)	NS	ND(2.0)	NS
4-Nitroaniline	NS	ND(13)	NS	ND(9.8)	NS
4-Nitrophenol	NS	ND(13)	NS	ND(9.8)	NS
4-Nitroquinoline-1-oxide	NS	ND(13)	NS	**ND(9.8) J**	NS
4-Phenylenediamine	NS	ND(13)	NS	ND(9.8)	NS
5-Nitro-o-toluidine	NS	ND(13)	NS	ND(9.8)	NS
7,12-Dimethylbenz(a)anthracene	NS	ND(5.2)	NS	ND(3.9)	NS
a,a'-Dimethylphenethylamine	NS	ND(13)	NS	ND(9.8)	NS
Acenaphthene	NS	ND(2.6)	NS	ND(2.0)	NS
Acenaphthylene	NS	ND(2.6)	NS	ND(2.0)	NS
Acetophenone	NS	ND(2.6)	NS	ND(2.0)	NS
Aniline	NS	ND(2.6)	NS	ND(2.0)	NS
Anthracene	NS	ND(2.6)	NS	2.0	NS
Aramite	NS	ND(5.2)	NS	**ND(3.9) J**	NS
Benzidine	NS	ND(5.2)	NS	ND(3.9)	NS
Benzo(a)anthracene	NS	ND(2.6)	NS	4.3	NS
Benzo(a)pyrene	NS	ND(2.6)	NS	2.7	NS
Benzo(b)fluoranthene	NS	ND(2.6)	NS	2.7	NS
Benzo(g,h,i)perylene	NS	ND(2.6)	NS	ND(2.0)	NS
Benzo(k)fluoranthene	NS	ND(2.6)	NS	2.8	NS

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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area:	30s Complex	30s Complex	30s Complex	30s Complex	30s Complex
Sample ID:	RAA2-41	RAA2-42	RAA2-42	RAA2-43	RAA2-43
Sample Depth(Feet):	2-4	1.4-6	4-6	6-15	12-14
Parameter Date Collected:	12/06/00	01/08/01	01/08/01	12/01/00	12/01/00
Semivolatile Organics (continued)					
Benzyl Alcohol	NS	ND(5.2)	NS	ND(3.9)	NS
bis(2-Chloroethoxy)methane	NS	ND(2.6)	NS	ND(2.0)	NS
bis(2-Chloroethyl)ether	NS	ND(2.6)	NS	ND(2.0)	NS
bis(2-Chloroisopropyl)ether	NS	ND(2.6)	NS	ND(2.0)	NS
bis(2-Ethylhexyl)phthalate	NS	ND(2.6)	NS	ND(2.0)	NS
Butylbenzylphthalate	NS	ND(5.2)	NS	ND(3.9)	NS
Chrysene	NS	ND(2.6)	NS	4.5	NS
Diallate	NS	ND(5.2)	NS	ND(3.9)	NS
Dibenzo(a,h)anthracene	NS	ND(5.2)	NS	ND(3.9)	NS
Dibenzofuran	NS	ND(2.6)	NS	ND(2.0)	NS
Diethylphthalate	NS	ND(2.6)	NS	ND(2.0)	NS
Dimethylphthalate	NS	ND(2.6)	NS	ND(2.0)	NS
Di-n-Butylphthalate	NS	ND(2.6)	NS	ND(2.0)	NS
Di-n-Octylphthalate	NS	ND(2.6)	NS	ND(2.0)	NS
Diphenylamine	NS	ND(2.6)	NS	ND(2.0)	NS
Ethyl Methanesulfonate	NS	ND(2.6)	NS	ND(2.0)	NS
Fluoranthene	NS	ND(2.6)	NS	8.8	NS
Fluorene	NS	ND(2.6)	NS	ND(2.0)	NS
Hexachlorobenzene	NS	ND(2.6)	NS	ND(2.0)	NS
Hexachlorobutadiene	NS	ND(5.2)	NS	ND(3.9)	NS
Hexachlorocyclopentadiene	NS	ND(2.6)	NS	ND(2.0)	NS
Hexachloroethane	NS	ND(2.6)	NS	ND(2.0)	NS
Hexachlorophene	NS	ND(5.2)	NS	ND(3.9)	NS
Hexachloropropene	NS	ND(2.6)	NS	**ND(2.0) J**	NS
Indeno(1,2,3-cd)pyrene	NS	ND(5.2)	NS	ND(3.9)	NS
Isodrin	NS	ND(2.6)	NS	ND(2.0)	NS
Isophorone	NS	ND(2.6)	NS	ND(2.0)	NS
Isosafrole	NS	ND(5.2)	NS	ND(3.9)	NS
Methapyrilene	NS	ND(13)	NS	ND(9.8)	NS
Methyl Methanesulfonate	NS	ND(2.6)	NS	ND(2.0)	NS
Naphthalene	NS	ND(2.6)	NS	ND(2.0)	NS
Nitrobenzene	NS	ND(2.6)	NS	ND(2.0)	NS
N-Nitrosodiethylamine	NS	ND(2.6)	NS	ND(2.0)	NS
N-Nitrosodimethylamine	NS	ND(13)	NS	ND(9.8)	NS
N-Nitroso-di-n-butylamine	NS	ND(5.2)	NS	ND(3.9)	NS
N-Nitroso-di-n-propylamine	NS	ND(5.2)	NS	ND(3.9)	NS
N-Nitrosodiphenylamine	NS	ND(2.6)	NS	ND(2.0)	NS
N-Nitrosomethylethylamine	NS	ND(2.6)	NS	ND(2.0)	NS
N-Nitrosomorpholine	NS	ND(2.6)	NS	ND(2.0)	NS
N-Nitrosopiperidine	NS	ND(2.6)	NS	ND(2.0)	NS
N-Nitrosopyrrolidine	NS	ND(5.2)	NS	ND(3.9)	NS
o,o,o-Triethylphosphorothioate	NS	ND(2.6)	NS	ND(2.0)	NS
o-Toluidine	NS	ND(2.6)	NS	ND(2.0)	NS
p-Dimethylaminoazobenzene	NS	ND(13)	NS	ND(9.8)	NS
Pentachlorobenzene	NS	ND(2.6)	NS	ND(2.0)	NS
Pentachloroethane	NS	ND(2.6)	NS	ND(2.0)	NS
Pentachloronitrobenzene	NS	ND(13)	NS	**ND(9.8) J**	NS
Pentachlorophenol	NS	ND(13)	NS	ND(9.8)	NS
Phenacetin	NS	ND(13)	NS	ND(9.8)	NS
Phenanthrene	NS	ND(2.6)	NS	8.2	NS
Phenol	NS	ND(2.6)	NS	ND(2.0)	NS
Pronamide	NS	ND(2.6)	NS	ND(2.0)	NS
Pyrene	NS	ND(2.6)	NS	7.9	NS
Pyridine	NS	ND(2.6)	NS	ND(2.0)	NS
Safrole	NS	ND(2.6)	NS	**ND(2.0) J**	NS
Thionazin	NS	ND(2.6)	NS	ND(2.0)	NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-41 2-4 12/06/00	30s Complex RAA2-42 1.4-6 01/08/01	30s Complex RAA2-42 4-6 01/08/01	30s Complex RAA2-43 6-15 12/01/00	30s Complex RAA2-43 12-14 12/01/00
Furans					
2,3,7,8-TCDF	NS	ND(0.000000067)	NS	ND(0.00000036)	NS
TCDFs (total)	NS	ND(0.000000067)	NS	ND(0.00000036)	NS
1,2,3,7,8-PeCDF	NS	ND(0.000000094)	NS	ND(0.00000034)	NS
2,3,4,7,8-PeCDF	NS	ND(0.000000092)	NS	ND(0.00000033)	NS
PeCDFs (total)	NS	0.00000078	NS	ND(0.00000033)	NS
1,2,3,4,7,8-HxCDF	NS	ND(0.00000015)	NS	ND(0.00000045)	NS
1,2,3,6,7,8-HxCDF	NS	ND(0.00000015)	NS	ND(0.00000045)	NS
1,2,3,7,8,9-HxCDF	NS	ND(0.00000018)	NS	ND(0.00000058)	NS
2,3,4,6,7,8-HxCDF	NS	ND(0.00000016)	NS	ND(0.00000045)	NS
HxCDFs (total)	NS	0.0000010	NS	ND(0.00000045)	NS
1,2,3,4,6,7,8-HpCDF	NS	0.00000018 J	NS	ND(0.00000020)	NS
1,2,3,4,7,8,9-HpCDF	NS	ND(0.00000016)	NS	ND(0.00000028)	NS
HpCDFs (total)	NS	0.00000018	NS	ND(0.00000020)	NS
OCDF	NS	ND(0.00000033)	NS	ND(0.00000063)	NS
Total Furans	NS	0.0000020	NS	ND(0.00000063)	NS
Dioxins					
2,3,7,8-TCDD	NS	ND(0.000000096)	NS	ND(0.00000014)	NS
TCDDs (total)	NS	ND(0.00000026)	NS	ND(0.00000014)	NS
1,2,3,7,8-PeCDD	NS	ND(0.00000011)	NS	ND(0.00000033)	NS
PeCDDs (total)	NS	ND(0.00000037)	NS	ND(0.00000033)	NS
1,2,3,4,7,8-HxCDD	NS	ND(0.00000012)	NS	ND(0.00000022)	NS
1,2,3,6,7,8-HxCDD	NS	ND(0.00000013)	NS	ND(0.00000021)	NS
1,2,3,7,8,9-HxCDD	NS	ND(0.00000012)	NS	ND(0.00000021)	NS
HxCDDs (total)	NS	ND(0.00000053)	NS	ND(0.00000021)	NS
1,2,3,4,6,7,8-HpCDD	NS	0.00000041 J	NS	ND(0.00000046)	NS
HpCDDs (total)	NS	0.00000061	NS	ND(0.00000046)	NS
OCDD	NS	0.0000016 J	NS	ND(0.00000041)	NS
Total Dioxins	NS	0.0000022	NS	ND(0.00000046)	NS
WHO TEF	NS	0.00000019	NS	0.00000048	NS
Inorganics					
Antimony	NS	ND(12.0)	NS	ND(18.0)	NS
Arsenic	NS	ND(19.0)	NS	ND(29.0)	NS
Barium	NS	ND(39.0)	NS	ND(59.0)	NS
Beryllium	NS	0.230	NS	0.470	NS
Cadmium	NS	ND(1.90)	NS	ND(2.90)	NS
Chromium	NS	12.0	NS	9.90	NS
Cobalt	NS	12.0	NS	ND(15.0)	NS
Copper	NS	27.0	NS	570	NS
Cyanide	NS	ND(1.00)	NS	0.800	NS
Lead	NS	11.0	NS	120	NS
Mercury	NS	ND(0.260)	NS	ND(0.390)	NS
Nickel	NS	21.0	NS	18.0	NS
Selenium	NS	ND(0.970)	NS	**ND(1.50) J**	NS
Silver	NS	ND(0.970)	NS	ND(1.50)	NS
Sulfide	NS	ND(6.50)	NS	810	NS
Thallium	NS	ND(1.90)	NS	ND(2.90)	NS
Tin	NS	ND(58.0)	NS	ND(88.0)	NS
Vanadium	NS	ND(9.70)	NS	ND(15.0)	NS
Zinc	NS	60.0	NS	510	NS

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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-SB-1,SB-2,SB-3 0-1 11/27/00	30s Complex RF-2 0-1 12/04/00	30s Complex RF-16 1-6 01/02/01	30s Complex RF-16 2-4 01/02/01	40s Complex PEDA-42-SB-1 0-1 02/20/01
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
1,1,1-Trichloroethane	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
1,1,2,2-Tetrachloroethane	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
1,1,2-Trichloroethane	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
1,1-Dichloroethane	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
1,1-Dichloroethene	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
1,2,3-Trichloropropane	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
1,2-Dibromo-3-chloropropane	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
1,2-Dibromoethane	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
1,2-Dichloroethane	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
1,2-Dichloropropane	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
1,4-Dioxane	**ND(0.20) J**	**ND(0.20) J**	NS	**ND(0.20) J**	**ND(0.20) J**
2-Butanone	ND(0.10)	ND(0.10)	NS	ND(0.10)	ND(0.10)
2-Chloro-1,3-butadiene	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
2-Chloroethylvinylether	ND(0.0063)	**ND(0.0063) J**	NS	**ND(0.0084) J**	ND(0.0063)
2-Hexanone	ND(0.012)	ND(0.012)	NS	ND(0.017)	**ND(0.013) J**
3-Chloropropene	ND(0.012)	ND(0.012)	NS	ND(0.017)	ND(0.013)
4-Methyl-2-pentanone	ND(0.012)	ND(0.012)	NS	ND(0.017)	**ND(0.013) J**
Acetone	ND(0.10)	ND(0.10)	NS	ND(0.10)	ND(0.10)
Acetonitrile	ND(0.12)	ND(0.12)	NS	ND(0.17)	ND(0.13)
Acrolein	**ND(0.12) J**	**ND(0.12) J**	NS	**ND(0.17) J**	**ND(0.13) J**
Acrylonitrile	ND(0.012)	ND(0.012)	NS	ND(0.017)	ND(0.013)
Benzene	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
Bromodichloromethane	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
Bromoform	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
Bromomethane	ND(0.012)	ND(0.012)	NS	ND(0.017)	ND(0.013)
Carbon Disulfide	ND(0.010)	ND(0.010)	NS	ND(0.010)	ND(0.010)
Carbon Tetrachloride	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
Chlorobenzene	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
Chloroethane	ND(0.012)	ND(0.012)	NS	ND(0.017)	ND(0.013)
Chloroform	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
Chloromethane	ND(0.012)	ND(0.012)	NS	ND(0.017)	ND(0.013)
cis-1,3-Dichloropropene	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
Dibromochloromethane	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
Dibromomethane	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
Dichlorodifluoromethane	ND(0.012)	ND(0.012)	NS	ND(0.017)	ND(0.013)
Ethyl Methacrylate	ND(0.012)	ND(0.012)	NS	ND(0.017)	ND(0.013)
Ethylbenzene	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
Iodomethane	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
Isobutanol	**ND(0.25) J**	**ND(0.25) J**	NS	**ND(0.33) J**	**ND(0.25) J**
Methacrylonitrile	ND(0.012)	ND(0.012)	NS	ND(0.017)	ND(0.013)
Methyl Methacrylate	ND(0.012)	ND(0.012)	NS	ND(0.017)	ND(0.013)
Methylene Chloride	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
Propionitrile	**ND(0.063) J**	**ND(0.063) J**	NS	**ND(0.084) J**	**ND(0.063) J**
Styrene	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
Tetrachloroethene	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
Toluene	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
trans-1,2-Dichloroethene	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
trans-1,3-Dichloropropene	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
trans-1,4-Dichloro-2-butene	ND(0.012)	ND(0.012)	NS	ND(0.017)	ND(0.013)
Trichloroethene	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
Trichlorofluoromethane	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)
Vinyl Acetate	ND(0.012)	ND(0.012)	NS	ND(0.017)	ND(0.013)
Vinyl Chloride	ND(0.012)	ND(0.012)	NS	ND(0.017)	ND(0.013)
Xylenes (total)	ND(0.0063)	ND(0.0063)	NS	ND(0.0084)	ND(0.0063)

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PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area:	30s Complex	30s Complex	30s Complex	30s Complex	40s Complex
Sample ID:	RAA2-SB-1,SB-2,SB-3	RF-2	RF-16	RF-16	PEDA-42-SB-1
Sample Depth(Feet):	0-1	0-1	1-6	2-4	0-1
Parameter Date Collected:	11/27/00	12/04/00	01/02/01	01/02/01	02/20/01
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
1,2,4-Trichlorobenzene	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
1,2-Dichlorobenzene	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
1,2-Diphenylhydrazine	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
1,3,5-Trinitrobenzene	**ND(0.84) J**	ND(4.2)	ND(1.0)	NS	ND(0.85)
1,3-Dichlorobenzene	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
1,3-Dinitrobenzene	ND(2.1)	**ND(10) J**	ND(2.7)	NS	ND(2.2)
1,4-Dichlorobenzene	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
1,4-Naphthoquinone	ND(2.1)	**ND(10) J**	ND(2.7)	NS	ND(2.2)
1-Naphthylamine	ND(2.1)	ND(10)	ND(2.7)	NS	ND(2.2)
2,3,4,6-Tetrachlorophenol	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
2,4,5-Trichlorophenol	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
2,4,6-Trichlorophenol	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
2,4-Dichlorophenol	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
2,4-Dimethylphenol	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
2,4-Dinitrophenol	ND(2.1)	ND(10)	ND(2.7)	NS	ND(2.2)
2,4-Dinitrotoluene	ND(2.1)	ND(10)	ND(2.7)	NS	ND(2.2)
2,6-Dichlorophenol	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
2,6-Dinitrotoluene	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
2-Acetylaminofluorene	ND(0.84)	ND(4.2)	ND(1.0)	NS	ND(0.85)
2-Chloronaphthalene	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
2-Chlorophenol	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
2-Methylnaphthalene	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
2-Methylphenol	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
2-Naphthylamine	ND(2.1)	ND(10)	ND(2.7)	NS	ND(2.2)
2-Nitroaniline	ND(2.1)	ND(10)	ND(2.7)	NS	ND(2.2)
2-Nitrophenol	ND(0.84)	ND(4.2)	ND(1.0)	NS	ND(0.85)
2-Picoline	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
3&4-Methylphenol	ND(0.84)	ND(4.2)	ND(1.0)	NS	ND(0.85)
3,3'-Dichlorobenzidine	ND(2.1)	ND(10)	**ND(2.7) J**	NS	ND(2.2)
3,3'-Dimethylbenzidine	ND(2.1)	ND(10)	**ND(2.7) J**	NS	**ND(2.2) J**
3-Methylcholanthrene	ND(0.84)	ND(4.2)	ND(1.0)	NS	**ND(0.85) J**
3-Nitroaniline	ND(2.1)	ND(10)	ND(2.7)	NS	ND(2.2)
4,6-Dinitro-2-methylphenol	ND(0.42)	ND(2.1)	**ND(0.53) J**	NS	ND(0.42)
4-Aminobiphenyl	ND(0.84)	ND(4.2)	ND(1.0)	NS	ND(0.85)
4-Bromophenyl-phenylether	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
4-Chloro-3-Methylphenol	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
4-Chloroaniline	ND(0.84)	ND(4.2)	ND(1.0)	NS	ND(0.85)
4-Chlorobenzilate	ND(2.1)	ND(10)	ND(2.7)	NS	ND(2.2)
4-Chlorophenyl-phenylether	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
4-Nitroaniline	ND(2.1)	ND(10)	ND(2.7)	NS	ND(2.2)
4-Nitrophenol	ND(2.1)	ND(10)	ND(2.7)	NS	ND(2.2)
4-Nitroquinoline-1-oxide	ND(2.1)	ND(10)	**ND(2.7) J**	NS	ND(2.2)
4-Phenylenediamine	ND(2.1)	ND(10)	ND(2.7)	NS	**ND(2.2) J**
5-Nitro-o-toluidine	ND(2.1)	ND(10)	ND(2.7)	NS	ND(2.2)
7,12-Dimethylbenz(a)anthracene	**ND(0.84) J**	ND(4.2)	ND(1.0)	NS	ND(0.85)
a,a'-Dimethylphenethylamine	ND(2.1)	ND(10)	ND(2.7)	NS	ND(2.2)
Acenaphthene	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
Acenaphthylene	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
Acetophenone	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
Aniline	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
Anthracene	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
Aramite	ND(0.84)	**ND(4.2) J**	**ND(1.0) J**	NS	**ND(0.85) J**
Benzidine	**ND(0.84) J**	ND(4.2)	**ND(1.0) J**	NS	**ND(0.85) J**
Benzo(a)anthracene	0.52	ND(2.1)	ND(0.53)	NS	0.21 J
Benzo(a)pyrene	0.45	2.3	ND(0.53)	NS	ND(0.42)
Benzo(b)fluoranthene	0.37 J	2.1	ND(0.53)	NS	ND(0.42)
Benzo(g,h,i)perylene	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
Benzo(k)fluoranthene	0.53	2.1	ND(0.53)	NS	ND(0.42)

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-SB-1,SB-2,SB-3 0-1 11/27/00	30s Complex RF-2 0-1 12/04/00	30s Complex RF-16 1-6 01/02/01	30s Complex RF-16 2-4 01/02/01	40s Complex PEDA-42-SB-1 0-1 02/20/01
Semivolatile Organics (continued)					
Benzyl Alcohol	ND(0.84)	ND(4.2)	ND(1.0)	NS	ND(0.85)
bis(2-Chloroethoxy)methane	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
bis(2-Chloroethyl)ether	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
bis(2-Chloroisopropyl)ether	ND(0.42)	ND(2.1)	**ND(0.53) J**	NS	ND(0.42)
bis(2-Ethylhexyl)phthalate	ND(0.42)	ND(2.1)	ND(0.53)	NS	3.4
Butylbenzylphthalate	ND(0.84)	ND(4.2)	ND(1.0)	NS	ND(0.85)
Chrysene	0.65	ND(2.1)	ND(0.53)	NS	0.24 J
Diallate	ND(0.84)	ND(4.2)	ND(1.0)	NS	ND(0.85)
Dibenzo(a,h)anthracene	**ND(0.84) J**	ND(4.2)	ND(1.0)	NS	ND(0.85)
Dibenzofuran	ND(0.42)	ND(2.1)	0.91	NS	ND(0.42)
Diethylphthalate	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
Dimethylphthalate	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
Di-n-Butylphthalate	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
Di-n-Octylphthalate	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
Diphenylamine	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
Ethyl Methanesulfonate	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
Fluoranthene	1.1	2.8	0.62	NS	0.32 J
Fluorene	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
Hexachlorobenzene	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
Hexachlorobutadiene	ND(0.84)	ND(4.2)	ND(1.0)	NS	ND(0.85)
Hexachlorocyclopentadiene	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
Hexachloroethane	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
Hexachlorophene	**ND(0.84) J**	**ND(4.2) J**	**ND(1.0) J**	NS	**ND(0.85) J**
Hexachloropropene	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
Indeno(1,2,3-cd)pyrene	ND(0.84)	ND(4.2)	ND(1.0)	NS	ND(0.85)
Isodrin	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
Isophorone	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
Isosafrole	ND(0.84)	ND(4.2)	ND(1.0)	NS	ND(0.85)
Methapyrilene	ND(2.1)	ND(10)	ND(2.7)	NS	**ND(2.2) J**
Methyl Methanesulfonate	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
Naphthalene	ND(0.42)	ND(2.1)	0.55	NS	ND(0.42)
Nitrobenzene	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
N-Nitrosodiethylamine	ND(0.42)	ND(2.1)	ND(0.53)	NS	**ND(0.42) J**
N-Nitrosodimethylamine	ND(0.84)	ND(10)	ND(2.6)	NS	ND(2.1)
N-Nitroso-di-n-butylamine	ND(0.84)	ND(4.2)	ND(1.0)	NS	ND(0.85)
N-Nitroso-di-n-propylamine	ND(0.84)	ND(4.2)	**ND(1.0) J**	NS	ND(0.85)
N-Nitrosodiphenylamine	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
N-Nitrosomethylethylamine	ND(0.84)	ND(2.1)	ND(1.0)	NS	ND(0.85)
N-Nitrosomorpholine	ND(0.42)	ND(2.1)	**ND(0.53) J**	NS	ND(0.42)
N-Nitrosopiperidine	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
N-Nitrosopyrrolidine	ND(0.84)	ND(4.2)	ND(1.0)	NS	ND(0.85)
o,o,o-Triethylphosphorothioate	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
o-Toluidine	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
p-Dimethylaminoazobenzene	ND(2.1)	ND(10)	ND(2.7)	NS	**ND(2.2) J**
Pentachlorobenzene	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
Pentachloroethane	ND(0.42)	ND(2.1)	**ND(0.53) J**	NS	ND(0.42)
Pentachloronitrobenzene	**ND(2.1) J**	ND(10)	ND(2.7)	NS	**ND(2.2) J**
Pentachlorophenol	ND(2.1)	ND(10)	ND(2.7)	NS	ND(2.2)
Phenacetin	ND(2.1)	ND(10)	**ND(2.7) J**	NS	**ND(2.2) J**
Phenanthrene	ND(0.42)	ND(2.1)	4.1	NS	0.23 J
Phenol	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
Pronamide	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
Pyrene	0.90	2.8	ND(0.53)	NS	0.36 J
Pyridine	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
Safrole	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)
Thionazin	ND(0.42)	ND(2.1)	ND(0.53)	NS	ND(0.42)

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex RAA2-SB-1,SB-2,SB-3 0-1 11/27/00	30s Complex RF-2 0-1 12/04/00	30s Complex RF-16 1-6 01/02/01	30s Complex RF-16 2-4 01/02/01	40s Complex PEDA-42-SB-1 0-1 02/20/01
Furans					
2,3,7,8-TCDF	0.0000079	0.000024	0.000012	NS	0.0000019
TCDFs (total)	0.000030	0.00014	0.00012	NS	0.000013
1,2,3,7,8-PeCDF	0.0000049 I	0.000020	0.0000014 J	NS	0.00000094 J
2,3,4,7,8-PeCDF	0.0000037	0.000013	0.0000012 J	NS	0.0000017 J
PeCDFs (total)	0.00010	0.00028	0.000026	NS	0.000011
1,2,3,4,7,8-HxCDF	0.00010 I	0.00020	0.0000010 J	NS	0.0000015 J
1,2,3,6,7,8-HxCDF	0.0000032 w	ND(0.0000026)	0.00000064 J	NS	0.00000094 J
1,2,3,7,8,9-HxCDF	ND(0.0000016)	ND(0.0000033)	0.00000023 J	NS	**ND(0.00000028)**
2,3,4,6,7,8-HxCDF	0.0000099	0.000014	0.00000045 J	NS	0.00000083 J
HxCDFs (total)	0.00014	0.00021	0.0000051	NS	0.0000088
1,2,3,4,6,7,8-HpCDF	0.000017	0.000041 B	0.00000028 J	NS	0.0000018 J
1,2,3,4,7,8,9-HpCDF	0.0000017 w	0.0000042	0.0000012 J	NS	0.00000032 J
HpCDFs (total)	0.000017	0.000045	0.0000021	NS	0.0000024
OCDF	0.0000084	0.000026 B	0.0000022 J	NS	0.0000010 J
Total Furans	0.00030	0.00070	0.00016	NS	0.000036
Dioxins					
2,3,7,8-TCDD	**ND(0.00000020) J**	ND(0.00000026)	0.00000030 w	NS	ND(0.000000082)
TCDDs (total)	ND(0.00000020)	0.0000060	0.000054	NS	0.00000024
1,2,3,7,8-PeCDD	ND(0.0000014)	ND(0.00000075)	0.00000032 w	NS	0.00000018 J
PeCDDs (total)	ND(0.0000014)	ND(0.00000075)	0.000021	NS	0.0000014
1,2,3,4,7,8-HxCDD	ND(0.00000057)	0.00000065 w	0.00000023 J	NS	ND(0.00000011)
1,2,3,6,7,8-HxCDD	ND(0.00000054)	0.0000014	0.00000050 J	NS	0.00000020 J
1,2,3,7,8,9-HxCDD	ND(0.00000053)	ND(0.00000035)	0.00000032 w	NS	ND(0.00000010)
HxCDDs (total)	ND(0.00000054)	0.0000024	0.0000092	NS	0.0000018
1,2,3,4,6,7,8-HpCDD	0.000011	0.000015 B	**ND(0.0000016)**	NS	0.0000014 J
HpCDDs (total)	0.000018	0.000036	**ND(0.0000016)**	NS	0.0000028
OCDD	0.000080 B	0.00012 B	**ND(0.0000025)**	NS	**ND(0.0000034)**
Total Dioxins	0.000098	0.00016	0.000084	NS	0.0000062
WHO TEF	0.000015	0.000033	0.0000029	NS	0.0000017
Inorganics					
Antimony	ND(11.0)	ND(11.0)	**ND(14) J**	NS	ND(11.0)
Arsenic	ND(19.0)	ND(19.0)	84.0	NS	ND(19.0)
Barium	38.0	93.0	130	NS	42.0
Beryllium	0.380	0.440	ND(0.240)	NS	ND(0.190)
Cadmium	ND(1.90)	ND(1.90)	ND(2.40)	NS	ND(1.90)
Chromium	11.0	11.0	8.90	NS	**7.70 J**
Cobalt	10.0	9.60	ND(12.0)	NS	30.0
Copper	64.0	94.0	28.0	NS	140
Cyanide	ND(1.00)	ND(1.20)	ND(1.00)	NS	ND(1.00)
Lead	39.0	310	93.0	NS	150
Mercury	4.40	0.380	ND(0.320)	NS	0.210
Nickel	25.0	17.0	ND(9.50)	NS	17.0
Selenium	ND(0.940)	ND(0.940)	5.50	NS	**ND(0.950) J**
Silver	ND(0.940)	ND(0.940)	ND(1.20)	NS	ND(0.950)
Sulfide	16.0	28.0	13.0	NS	9.80
Thallium	ND(1.90)	ND(1.90)	**ND(2.4) J**	NS	ND(1.90)
Tin	ND(56.0)	ND(56.0)	ND(71.0)	NS	140
Vanadium	33.0	13.0	17.0	NS	ND(9.50)
Zinc	77.0	180	15.0	NS	**88.0 J**

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	40s Complex PEDA-42-SB2 6-15 02/19/01	40s Complex PEDA-42-SB2 9-10 02/19/01	40s Complex PEDA-42-SB3 1-6 02/19/01	40s Complex PEDA-42-SB3 2-4 02/19/01	40s Complex PEDA-43-SB-1 6-15 02/21/01	40s Complex PEDA-43-SB-1 12-15 02/21/01
Volatile Organics						
1,1,1,2-Tetrachloroethane	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
1,1,1-Trichloroethane	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
1,1,2,2-Tetrachloroethane	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
1,1,2-Trichloroethane	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
1,1-Dichloroethane	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
1,1-Dichloroethene	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
1,2,3-Trichloropropane	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
1,2-Dibromo-3-chloropropane	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
1,2-Dibromoethane	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
1,2-Dichloroethane	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
1,2-Dichloropropane	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
1,4-Dioxane	NS	**ND(0.20) J**	NS	**ND(0.20) J**	NS	**ND(0.20) J**
2-Butanone	NS	ND(0.10)	NS	ND(0.10)	NS	ND(0.10)
2-Chloro-1,3-butadiene	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
2-Chloroethylvinylether	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
2-Hexanone	NS	**ND(0.011) J**	NS	**ND(0.014) J**	NS	ND(0.012)
3-Chloropropene	NS	ND(0.011)	NS	ND(0.014)	NS	ND(0.012)
4-Methyl-2-pentanone	NS	**ND(0.011) J**	NS	**ND(0.014) J**	NS	ND(0.012)
Acetone	NS	ND(0.10)	NS	ND(0.10)	NS	ND(0.10)
Acetonitrile	NS	ND(0.11)	NS	ND(0.14)	NS	**ND(0.12) J**
Acrolein	NS	**ND(0.11) J**	NS	**ND(0.14) J**	NS	**ND(0.12) J**
Acrylonitrile	NS	ND(0.011)	NS	ND(0.014)	NS	ND(0.012)
Benzene	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
Bromodichloromethane	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
Bromoform	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
Bromomethane	NS	ND(0.011)	NS	ND(0.014)	NS	ND(0.012)
Carbon Disulfide	NS	ND(0.010)	NS	ND(0.010)	NS	ND(0.010)
Carbon Tetrachloride	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
Chlorobenzene	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
Chloroethane	NS	ND(0.011)	NS	ND(0.014)	NS	ND(0.012)
Chloroform	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
Chloromethane	NS	ND(0.011)	NS	ND(0.014)	NS	ND(0.012)
cis-1,3-Dichloropropene	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
Dibromochloromethane	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
Dibromomethane	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
Dichlorodifluoromethane	NS	ND(0.011)	NS	ND(0.014)	NS	ND(0.012)
Ethyl Methacrylate	NS	ND(0.011)	NS	ND(0.014)	NS	ND(0.012)
Ethylbenzene	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
Iodomethane	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
Isobutanol	NS	**ND(0.23) J**	NS	**ND(0.29) J**	NS	**ND(0.24) J**
Methacrylonitrile	NS	ND(0.011)	NS	ND(0.014)	NS	ND(0.012)
Methyl Methacrylate	NS	ND(0.011)	NS	ND(0.014)	NS	ND(0.012)
Methylene Chloride	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
Propionitrile	NS	**ND(0.057) J**	NS	**ND(0.073) J**	NS	**ND(0.059) J**
Styrene	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
Tetrachloroethene	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
Toluene	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
trans-1,2-Dichloroethene	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
trans-1,3-Dichloropropene	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
trans-1,4-Dichloro-2-butene	NS	ND(0.011)	NS	ND(0.014)	NS	ND(0.012)
Trichloroethene	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
Trichlorofluoromethane	NS	ND(0.0057)	NS	ND(0.0073)	NS	ND(0.0059)
Vinyl Acetate	NS	ND(0.011)	NS	ND(0.014)	NS	ND(0.012)
Vinyl Chloride	NS	ND(0.011)	NS	ND(0.014)	NS	ND(0.012)
Xylenes (total)	NS	ND(0.011)	NS	ND(0.0073)	NS	ND(0.0059)

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	40s Complex PEDA-42-SB2 6-15 02/19/01	40s Complex PEDA-42-SB2 9-10 02/19/01	40s Complex PEDA-42-SB3 1-6 02/19/01	40s Complex PEDA-42-SB3 2-4 02/19/01	40s Complex PEDA-43-SB-1 6-15 02/21/01	40s Complex PEDA-43-SB-1 12-15 02/21/01
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
1,2,4-Trichlorobenzene	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
1,2-Dichlorobenzene	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
1,2-Diphenylhydrazine	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
1,3,5-Trinitrobenzene	ND(0.79)	NS	ND(0.84)	NS	ND(0.81)	NS
1,3-Dichlorobenzene	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
1,3-Dinitrobenzene	ND(2.0)	NS	ND(2.1)	NS	ND(2.0)	NS
1,4-Dichlorobenzene	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
1,4-Naphthoquinone	ND(2.0)	NS	ND(2.1)	NS	ND(2.0)	NS
1-Naphthylamine	ND(2.0)	NS	ND(2.1)	NS	ND(2.0)	NS
2,3,4,6-Tetrachlorophenol	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
2,4,5-Trichlorophenol	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
2,4,6-Trichlorophenol	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
2,4-Dichlorophenol	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
2,4-Dimethylphenol	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
2,4-Dinitrophenol	**ND(2.0) J**	NS	**ND(2.1) J**	NS	**ND(2.0) J**	NS
2,4-Dinitrotoluene	ND(2.0)	NS	ND(2.1)	NS	ND(2.0)	NS
2,6-Dichlorophenol	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
2,6-Dinitrotoluene	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
2-Acetylaminofluorene	ND(0.79)	NS	ND(0.84)	NS	ND(0.81)	NS
2-Chloronaphthalene	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
2-Chlorophenol	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
2-Methylnaphthalene	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
2-Methylphenol	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
2-Naphthylamine	ND(2.0)	NS	ND(2.1)	NS	ND(2.0)	NS
2-Nitroaniline	ND(2.0)	NS	ND(2.1)	NS	ND(2.0)	NS
2-Nitrophenol	ND(0.79)	NS	ND(0.84)	NS	ND(0.81)	NS
2-Picoline	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
3&4-Methylphenol	ND(0.79)	NS	ND(0.84)	NS	ND(0.81)	NS
3,3'-Dichlorobenzidine	**ND(2.0) J**	NS	**ND(2.1) J**	NS	ND(2.0)	NS
3,3'-Dimethylbenzidine	**ND(2.0) J**	NS	**ND(2.1) J**	NS	**ND(2.0) J**	NS
3-Methylcholanthrene	**ND(0.79) J**	NS	**ND(0.84) J**	NS	**ND(0.81) J**	NS
3-Nitroaniline	ND(2.0)	NS	ND(2.1)	NS	ND(2.0)	NS
4,6-Dinitro-2-methylphenol	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
4-Aminobiphenyl	**ND(0.79) J**	NS	**ND(0.84) J**	NS	ND(0.81)	NS
4-Bromophenyl-phenylether	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
4-Chloro-3-Methylphenol	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
4-Chloroaniline	ND(0.79)	NS	ND(0.84)	NS	ND(0.81)	NS
4-Chlorobenzilate	ND(2.0)	NS	ND(2.1)	NS	ND(2.0)	NS
4-Chlorophenyl-phenylether	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
4-Nitroaniline	ND(2.0)	NS	ND(2.1)	NS	ND(2.0)	NS
4-Nitrophenol	ND(2.0)	NS	ND(2.1)	NS	ND(2.0)	NS
4-Nitroquinoline-1-oxide	ND(2.0)	NS	ND(2.1)	NS	ND(2.0)	NS
4-Phenylenediamine	**ND(2.0) J**	NS	**ND(2.1) J**	NS	**ND(2.0) J**	NS
5-Nitro-o-toluidine	ND(2.0)	NS	ND(2.1)	NS	ND(2.0)	NS
7,12-Dimethylbenz(a)anthracene	ND(0.79)	NS	ND(0.84)	NS	ND(0.81)	NS
a,a'-Dimethylphenethylamine	ND(2.0)	NS	ND(2.1)	NS	ND(2.0)	NS
Acenaphthene	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Acenaphthylene	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Acetophenone	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Aniline	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Anthracene	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Aramite	**ND(0.79) J**	NS	**ND(0.84) J**	NS	**ND(0.81) J**	NS
Benzidine	**ND(0.79) J**	NS	**ND(0.84) J**	NS	**ND(0.81) J**	NS
Benzo(a)anthracene	ND(0.39)	NS	0.91	NS	ND(0.40)	NS
Benzo(a)pyrene	ND(0.39)	NS	0.77	NS	ND(0.40)	NS
Benzo(b)fluoranthene	ND(0.39)	NS	0.64	NS	ND(0.40)	NS
Benzo(g,h,i)perylene	ND(0.39)	NS	0.71	NS	ND(0.40)	NS
Benzo(k)fluoranthene	ND(0.39)	NS	0.61	NS	ND(0.40)	NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	40s Complex PEDA-42-SB2 6-15 02/19/01	40s Complex PEDA-42-SB2 9-10 02/19/01	40s Complex PEDA-42-SB3 1-6 02/19/01	40s Complex PEDA-42-SB3 2-4 02/19/01	40s Complex PEDA-43-SB-1 6-15 02/21/01	40s Complex PEDA-43-SB-1 12-15 02/21/01
Semivolatile Organics (continued)						
Benzyl Alcohol	ND(0.79)	NS	ND(0.84)	NS	ND(0.81)	NS
bis(2-Chloroethoxy)methane	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
bis(2-Chloroethyl)ether	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
bis(2-Chloroisopropyl)ether	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
bis(2-Ethylhexyl)phthalate	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Butylbenzylphthalate	ND(0.79)	NS	ND(0.84)	NS	ND(0.81)	NS
Chrysene	ND(0.39)	NS	0.81	NS	ND(0.40)	NS
Diallate	ND(0.79)	NS	ND(0.84)	NS	ND(0.81)	NS
Dibenzo(a,h)anthracene	ND(0.79)	NS	ND(0.84)	NS	ND(0.81)	NS
Dibenzofuran	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Diethylphthalate	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Dimethylphthalate	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Di-n-Butylphthalate	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Di-n-Octylphthalate	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Diphenylamine	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Ethyl Methanesulfonate	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Fluoranthene	ND(0.39)	NS	1.7	NS	ND(0.40)	NS
Fluorene	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Hexachlorobenzene	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Hexachlorobutadiene	ND(0.79)	NS	ND(0.84)	NS	ND(0.81)	NS
Hexachlorocyclopentadiene	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Hexachloroethane	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Hexachlorophene	**ND(0.79) J**	NS	**ND(0.84) J**	NS	**ND(0.81) J**	NS
Hexachloropropene	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Indeno(1,2,3-cd)pyrene	ND(0.79)	NS	ND(0.84)	NS	ND(0.81)	NS
Isodrin	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Isophorone	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Isosafrole	ND(0.79)	NS	ND(0.84)	NS	ND(0.81)	NS
Methapyrilene	**ND(2.0) J**	NS	**ND(2.1) J**	NS	**ND(2.0) J**	NS
Methyl Methanesulfonate	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Naphthalene	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Nitrobenzene	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
N-Nitrosodiethylamine	ND(0.39)	NS	ND(0.41)	NS	**ND(0.40) J**	NS
N-Nitrosodimethylamine	ND(1.9)	NS	ND(2.1)	NS	ND(2.0)	NS
N-Nitroso-di-n-butylamine	ND(0.79)	NS	ND(0.84)	NS	ND(0.81)	NS
N-Nitroso-di-n-propylamine	ND(0.79)	NS	ND(0.84)	NS	ND(0.81)	NS
N-Nitrosodiphenylamine	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
N-Nitrosomethylethylamine	ND(0.79)	NS	ND(0.84)	NS	ND(0.81)	NS
N-Nitrosomorpholine	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
N-Nitrosopiperidine	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
N-Nitrosopyrrolidine	ND(0.79)	NS	ND(0.84)	NS	ND(0.81)	NS
o,o,o-Triethylphosphorothioate	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
o-Toluidine	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
p-Dimethylaminoazobenzene	ND(2.0)	NS	ND(2.1)	NS	**ND(2.0) J**	NS
Pentachlorobenzene	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Pentachloroethane	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Pentachloronitrobenzene	ND(2.0)	NS	ND(2.1)	NS	**ND(2.0) J**	NS
Pentachlorophenol	ND(2.0)	NS	ND(2.1)	NS	ND(2.0)	NS
Phenacetin	**ND(2.0) J**	NS	**ND(2.1) J**	NS	**ND(2.0) J**	NS
Phenanthrene	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Phenol	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Pronamide	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Pyrene	ND(0.39)	NS	2.0	NS	ND(0.40)	NS
Pyridine	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Safrole	ND(0.39)	NS	ND(0.41)	NS	ND(0.40)	NS
Thionazin	**ND(0.39) J**	NS	**ND(0.41) J**	NS	ND(0.40)	NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Parameter / Removal Action Area:	40s Complex	40s Complex	40s Complex	40s Complex	40s Complex	40s Complex
Sample ID:	PEDA-42-SB2	PEDA-42-SB2	PEDA-42-SB3	PEDA-42-SB3	PEDA-43-SB-1	PEDA-43-SB-1
Sample Depth(Feet):	6-15	9-10	1-6	2-4	6-15	12-15
Date Collected:	02/19/01	02/19/01	02/19/01	02/19/01	02/21/01	02/21/01
Furans						
2,3,7,8-TCDF	ND(0.000000044)	NS	0.00000058	NS	**ND(0.000000073)**	NS
TCDFs (total)	0.000000064	NS	0.0000079	NS	0.00000042	NS
1,2,3,7,8-PeCDF	0.000000047 w	NS	0.00000084 J	NS	**ND(0.000000080)**	NS
2,3,4,7,8-PeCDF	ND(0.000000025)	NS	0.0000012 J	NS	**ND(0.000000092)**	NS
PeCDFs (total)	ND(0.000000025)	NS	0.0000073	NS	**ND(0.00000082)**	NS
1,2,3,4,7,8-HxCDF	0.000000036 w	NS	0.0000012 J	NS	**ND(0.000000095)**	NS
1,2,3,6,7,8-HxCDF	0.000000077 J	NS	0.0000011 J	NS	**ND(0.00000011)**	NS
1,2,3,7,8,9-HxCDF	ND(0.000000038)	NS	0.00000065 J	NS	ND(0.000000072)	NS
2,3,4,6,7,8-HxCDF	ND(0.000000035)	NS	0.0000013 J	NS	**ND(0.000000098)**	NS
HxCDFs (total)	0.000000077	NS	0.0000084	NS	**ND(0.00000048)**	NS
1,2,3,4,6,7,8-HpCDF	0.00000011 J	NS	0.0000041	NS	0.00000020 J	NS
1,2,3,4,7,8,9-HpCDF	ND(0.000000071)	NS	0.00000056 J	NS	ND(0.000000053)	NS
HpCDFs (total)	0.00000018	NS	0.0000055	NS	0.00000020	NS
OCDF	0.00000015 w	NS	0.0000028 J	NS	ND(0.000000071)	NS
Total Furans	0.00000047	NS	0.000032	NS	0.00000062	NS
Dioxins						
2,3,7,8-TCDD	ND(0.000000079)	NS	0.00000040 J	NS	ND(0.000000086)	NS
TCDDs (total)	ND(0.00000032)	NS	0.0000015	NS	ND(0.00000030)	NS
1,2,3,7,8-PeCDD	ND(0.000000043)	NS	0.00000082 J	NS	ND(0.000000054)	NS
PeCDDs (total)	ND(0.00000042)	NS	0.0000036	NS	ND(0.00000041)	NS
1,2,3,4,7,8-HxCDD	ND(0.000000076)	NS	0.00000061 J	NS	ND(0.000000054)	NS
1,2,3,6,7,8-HxCDD	ND(0.000000080)	NS	0.00000082 J	NS	ND(0.000000056)	NS
1,2,3,7,8,9-HxCDD	ND(0.000000072)	NS	0.00000069 J	NS	ND(0.000000051)	NS
HxCDDs (total)	ND(0.00000053)	NS	0.0000055	NS	ND(0.00000047)	NS
1,2,3,4,6,7,8-HpCDD	**ND(0.0000025)**	NS	0.0000029	NS	**ND(0.00000040)**	NS
HpCDDs (total)	**ND(0.0000050)**	NS	0.0000052	NS	**ND(0.00000061)**	NS
OCDD	**ND(0.0000016)**	NS	**ND(0.0000091)**	NS	**ND(0.0000016)**	NS
Total Dioxins	ND(0.0000050)	NS	0.000016	NS	ND(0.0000016)	NS
WHO TEF	0.00000011	NS	0.0000026	NS	0.00000013	NS
Inorganics						
Antimony	ND(10.0)	NS	ND(11.0)	NS	ND(11.0)	NS
Arsenic	ND(18.0)	NS	ND(19.0)	NS	ND(18.0)	NS
Barium	110	NS	ND(38.0)	NS	ND(36.0)	NS
Beryllium	0.260	NS	0.440	NS	0.240	NS
Cadmium	ND(1.80)	NS	ND(1.90)	NS	ND(1.80)	NS
Chromium	12.0	NS	11.0	NS	7.10	NS
Cobalt	10.0	NS	ND(9.40)	NS	9.10	NS
Copper	35.0	NS	ND(19.0)	NS	35.0	NS
Cyanide	ND(1.00)	NS	ND(1.00)	NS	ND(1.00)	NS
Lead	86.0	NS	10.0	NS	17.0	NS
Mercury	ND(0.200)	NS	ND(0.200)	NS	ND(0.200)	NS
Nickel	15.0	NS	13.0	NS	16.0	NS
Selenium	ND(0.880)	NS	ND(0.940)	NS	ND(0.910)	NS
Silver	1.50	NS	3.30	NS	ND(0.910)	NS
Sulfide	ND(5.90)	NS	ND(6.20)	NS	ND(6.00)	NS
Thallium	ND(1.80)	NS	ND(1.90)	NS	ND(1.80)	NS
Tin	ND(53.0)	NS	ND(56.0)	NS	ND(54.0)	NS
Vanadium	9.40	NS	12.0	NS	ND(9.10)	NS
Zinc	230	NS	41.0	NS	38.0	NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	40s Complex PEDA-43-SB-2 1-3 02/21/01	40s Complex PEDA-43-SB-2 1-6 02/21/01	40s Complex PEDA-44-SB-1 0-1 02/20/01	40s Complex PEDA-44-SB2 0-1 02/19/01
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
1,1,1-Trichloroethane	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
1,1,2,2-Tetrachloroethane	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
1,1,2-Trichloroethane	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
1,1-Dichloroethane	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
1,1-Dichloroethene	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
1,2,3-Trichloropropane	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
1,2-Dibromo-3-chloropropane	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
1,2-Dibromoethane	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
1,2-Dichloroethane	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
1,2-Dichloropropane	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
1,4-Dioxane	**ND(0.20) J**	NS	**ND(0.20) J**	**ND(0.20) J**
2-Butanone	ND(0.10)	NS	ND(0.10)	ND(0.10)
2-Chloro-1,3-butadiene	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
2-Chloroethylvinylether	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
2-Hexanone	ND(0.014)	NS	**ND(0.012) J**	**ND(0.012) J**
3-Chloropropene	ND(0.014)	NS	ND(0.012)	ND(0.012)
4-Methyl-2-pentanone	ND(0.014)	NS	**ND(0.012) J**	**ND(0.012) J**
Acetone	ND(0.10)	NS	ND(0.10)	ND(0.10)
Acetonitrile	**ND(0.14) J**	NS	ND(0.12)	ND(0.12)
Acrolein	**ND(0.14) J**	NS	**ND(0.12) J**	**ND(0.12) J**
Acrylonitrile	ND(0.014)	NS	ND(0.012)	ND(0.012)
Benzene	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
Bromodichloromethane	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
Bromoform	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
Bromomethane	ND(0.014)	NS	ND(0.012)	ND(0.012)
Carbon Disulfide	ND(0.010)	NS	ND(0.010)	ND(0.010)
Carbon Tetrachloride	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
Chlorobenzene	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
Chloroethane	ND(0.014)	NS	ND(0.012)	ND(0.012)
Chloroform	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
Chloromethane	ND(0.014)	NS	ND(0.012)	ND(0.012)
cis-1,3-Dichloropropene	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
Dibromochloromethane	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
Dibromomethane	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
Dichlorodifluoromethane	ND(0.014)	NS	ND(0.012)	ND(0.012)
Ethyl Methacrylate	ND(0.014)	NS	ND(0.012)	ND(0.012)
Ethylbenzene	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
Iodomethane	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
Isobutanol	**ND(0.29) J**	NS	**ND(0.24) J**	**ND(0.25) J**
Methacrylonitrile	ND(0.014)	NS	ND(0.012)	ND(0.012)
Methyl Methacrylate	ND(0.014)	NS	ND(0.012)	ND(0.012)
Methylene Chloride	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
Propionitrile	**ND(0.072) J**	NS	**ND(0.061) J**	**ND(0.062) J**
Styrene	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
Tetrachloroethene	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
Toluene	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
trans-1,2-Dichloroethene	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
trans-1,3-Dichloropropene	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
trans-1,4-Dichloro-2-butene	ND(0.014)	NS	ND(0.012)	ND(0.012)
Trichloroethene	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
Trichlorofluoromethane	ND(0.0072)	NS	ND(0.0061)	ND(0.0062)
Vinyl Acetate	ND(0.014)	NS	ND(0.012)	ND(0.012)
Vinyl Chloride	ND(0.014)	NS	ND(0.012)	ND(0.012)
Xylenes (total)	ND(0.0072)	NS	ND(0.012)	ND(0.0062)

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	40s Complex PEDA-43-SB-2 1-3 02/21/01	40s Complex PEDA-43-SB-2 1-6 02/21/01	40s Complex PEDA-44-SB-1 0-1 02/20/01	40s Complex PEDA-44-SB2 0-1 02/19/01
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
1,2,4-Trichlorobenzene	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
1,2-Dichlorobenzene	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
1,2-Diphenylhydrazine	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
1,3,5-Trinitrobenzene	NS	ND(0.85)	ND(0.81) [ND(0.84)]	ND(0.82)
1,3-Dichlorobenzene	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
1,3-Dinitrobenzene	NS	ND(2.2)	ND(2.1) [ND(2.1)]	ND(2.1)
1,4-Dichlorobenzene	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
1,4-Naphthoquinone	NS	ND(2.2)	ND(2.1) [ND(2.1)]	ND(2.1)
1-Naphthylamine	NS	ND(2.2)	ND(2.1) [ND(2.1)]	ND(2.1)
2,3,4,6-Tetrachlorophenol	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
2,4,5-Trichlorophenol	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
2,4,6-Trichlorophenol	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
2,4-Dichlorophenol	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
2,4-Dimethylphenol	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
2,4-Dinitrophenol	NS	**ND(2.2) J**	ND(2.1) [ND(2.1)]	**ND(2.1) J**
2,4-Dinitrotoluene	NS	ND(2.2)	ND(2.1) [ND(2.1)]	ND(2.1)
2,6-Dichlorophenol	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
2,6-Dinitrotoluene	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
2-Acetylaminofluorene	NS	ND(0.85)	ND(0.81) [ND(0.84)]	ND(0.82)
2-Chloronaphthalene	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
2-Chlorophenol	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
2-Methylnaphthalene	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
2-Methylphenol	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
2-Naphthylamine	NS	ND(2.2)	ND(2.1) [ND(2.1)]	ND(2.1)
2-Nitroaniline	NS	ND(2.2)	ND(2.1) [ND(2.1)]	ND(2.1)
2-Nitrophenol	NS	ND(0.85)	ND(0.81) [ND(0.84)]	ND(0.82)
2-Picoline	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
3&4-Methylphenol	NS	ND(0.85)	ND(0.81) [ND(0.84)]	ND(0.82)
3,3'-Dichlorobenzidine	NS	ND(2.2)	ND(2.1) [ND(2.1)]	**ND(2.1) J**
3,3'-Dimethylbenzidine	NS	**ND(2.2) J**	**ND(2.1) J [ND(2.1) J]**	**ND(2.1) J**
3-Methylcholanthrene	NS	**ND(0.85) J**	**ND(0.81) J [ND(0.84) J]**	**ND(0.82) J**
3-Nitroaniline	NS	ND(2.2)	ND(2.1) [ND(2.1)]	ND(2.1)
4,6-Dinitro-2-methylphenol	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
4-Aminobiphenyl	NS	ND(0.85)	ND(0.81) [ND(0.84)]	**ND(0.82) J**
4-Bromophenyl-phenylether	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
4-Chloro-3-Methylphenol	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
4-Chloroaniline	NS	ND(0.85)	ND(0.81) [ND(0.84)]	ND(0.82)
4-Chlorobenzilate	NS	ND(2.2)	ND(2.1) [ND(2.1)]	ND(2.1)
4-Chlorophenyl-phenylether	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
4-Nitroaniline	NS	ND(2.2)	ND(2.1) [ND(2.1)]	ND(2.1)
4-Nitrophenol	NS	ND(2.2)	ND(2.1) [ND(2.1)]	ND(2.1)
4-Nitroquinoline-1-oxide	NS	ND(2.2)	ND(2.1) [ND(2.1)]	ND(2.1)
4-Phenylenediamine	NS	**ND(2.2) J**	**ND(2.1) J [ND(2.1) J]**	**ND(2.1) J**
5-Nitro-o-toluidine	NS	ND(2.2)	ND(2.1) [ND(2.1)]	ND(2.1)
7,12-Dimethylbenz(a)anthracene	NS	ND(0.85)	ND(0.81) [ND(0.84)]	ND(0.82)
a,a'-Dimethylphenethylamine	NS	ND(2.2)	ND(2.1) [ND(2.1)]	ND(2.1)
Acenaphthene	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Acenaphthylene	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Acetophenone	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Aniline	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Anthracene	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Aramite	NS	**ND(0.85) J**	**ND(0.81) J [ND(0.84) J]**	**ND(0.82) J**
Benzidine	NS	**ND(0.85) J**	**ND(0.81) J [ND(0.84) J]**	**ND(0.82) J**
Benzo(a)anthracene	NS	0.20 J	ND(0.40) [ND(0.42)]	ND(0.41)
Benzo(a)pyrene	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Benzo(b)fluoranthene	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Benzo(g,h,i)perylene	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Benzo(k)fluoranthene	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)

TABLE 2-2

GENERAL ELECTRIC COMPANY
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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: Sample ID: Sample Depth(Feet): Parameter Date Collected:	40s Complex PEDA-43-SB-2 1-3 02/21/01	40s Complex PEDA-43-SB-2 1-6 02/21/01	40s Complex PEDA-44-SB-1 0-1 02/20/01	40s Complex PEDA-44-SB2 0-1 02/19/01
Semivolatile Organics (continued)				
Benzyl Alcohol	NS	ND(0.85)	ND(0.81) [ND(0.84)]	ND(0.82)
bis(2-Chloroethoxy)methane	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
bis(2-Chloroethyl)ether	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
bis(2-Chloroisopropyl)ether	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
bis(2-Ethylhexyl)phthalate	NS	ND(0.42)	1.5 [ND(0.42)]	ND(0.41)
Butylbenzylphthalate	NS	ND(0.85)	ND(0.81) [ND(0.84)]	ND(0.82)
Chrysene	NS	0.19 J	ND(0.40) [ND(0.42)]	ND(0.41)
Diallate	NS	ND(0.85)	ND(0.81) [ND(0.84)]	ND(0.82)
Dibenzo(a,h)anthracene	NS	ND(0.85)	ND(0.81) [ND(0.84)]	ND(0.82)
Dibenzofuran	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Diethylphthalate	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Dimethylphthalate	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Di-n-Butylphthalate	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Di-n-Octylphthalate	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Diphenylamine	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Ethyl Methanesulfonate	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Fluoranthene	NS	0.40 J	ND(0.40) [ND(0.42)]	ND(0.41)
Fluorene	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Hexachlorobenzene	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Hexachlorobutadiene	NS	ND(0.85)	ND(0.81) [ND(0.84)]	ND(0.82)
Hexachlorocyclopentadiene	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Hexachloroethane	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Hexachlorophene	NS	**ND(0.85) J**	**ND(0.81) J [ND(0.84) J]**	**ND(0.82) J**
Hexachloropropene	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Indeno(1,2,3-cd)pyrene	NS	ND(0.85)	ND(0.81) [ND(0.84)]	ND(0.82)
Isodrin	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Isophorone	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Isosafrole	NS	ND(0.85)	ND(0.81) [ND(0.84)]	ND(0.82)
Methapyrilene	NS	**ND(2.2) J**	**ND(2.1) J [ND(2.1) J]**	**ND(2.1) J**
Methyl Methanesulfonate	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Naphthalene	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Nitrobenzene	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
N-Nitrosodiethylamine	NS	**ND(0.42) J**	**ND(0.40) J [ND(0.42) J]**	ND(0.41)
N-Nitrosodimethylamine	NS	ND(2.1)	ND(2.0) [ND(2.1)]	ND(2.0)
N-Nitroso-di-n-butylamine	NS	ND(0.85)	ND(0.81) [ND(0.84)]	ND(0.82)
N-Nitroso-di-n-propylamine	NS	ND(0.85)	ND(0.81) [ND(0.84)]	ND(0.82)
N-Nitrosodiphenylamine	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
N-Nitrosomethylethylamine	NS	ND(0.85)	ND(0.81) [ND(0.84)]	ND(0.82)
N-Nitrosomorpholine	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
N-Nitrosopiperidine	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
N-Nitrosopyrrolidine	NS	ND(0.85)	ND(0.81) [ND(0.84)]	ND(0.82)
o,o,o-Triethylphosphorothioate	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
o-Toluidine	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
p-Dimethylaminoazobenzene	NS	**ND(2.2) J**	**ND(2.1) J [ND(2.1) J]**	ND(2.1)
Pentachlorobenzene	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Pentachloroethane	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Pentachloronitrobenzene	NS	**ND(2.2) J**	**ND(2.1) J [ND(2.1) J]**	ND(2.1)
Pentachlorophenol	NS	ND(2.2)	ND(2.1) [ND(2.1)]	ND(2.1)
Phenacetin	NS	**ND(2.2) J**	**ND(2.1) J [ND(2.1) J]**	**ND(2.1) J**
Phenanthrene	NS	0.35 J	ND(0.40) [ND(0.42)]	ND(0.41)
Phenol	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Pronamide	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Pyrene	NS	0.42	ND(0.40) [ND(0.42)]	ND(0.41)
Pyridine	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Safrole	NS	ND(0.42)	ND(0.40) [ND(0.42)]	ND(0.41)
Thionazin	NS	ND(0.42)	ND(0.40) [ND(0.42)]	**ND(0.41) J**

TABLE 2-2

GENERAL ELECTRIC COMPANY
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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: Sample ID: Sample Depth(Feet): Parameter Date Collected:	40s Complex PEDA-43-SB-2 1-3 02/21/01	40s Complex PEDA-43-SB-2 1-6 02/21/01	40s Complex PEDA-44-SB-1 0-1 02/20/01	40s Complex PEDA-44-SB2 0-1 02/19/01
Furans				
2,3,7,8-TCDF	NS	ND(0.000000072)	**ND(0.00000037) [0.00000060]**	0.00000087
TCDFs (total)	NS	ND(0.000000072)	0.0000023 [0.0000053]	0.0000064
1,2,3,7,8-PeCDF	NS	**ND(0.000000063)**	**ND(0.00000022) [ND(0.00000039)]**	0.00000044 J
2,3,4,7,8-PeCDF	NS	**ND(0.000000054)**	0.00000055 J [0.0000012 J]	0.0000012 J
PeCDFs (total)	NS	**ND0.000000075)**	0.0000040 [0.0000091]	0.0000084
1,2,3,4,7,8-HxCDF	NS	**ND(0.000000055)**	0.00000075 J [0.0000012 J]	0.0000016 J
1,2,3,6,7,8-HxCDF	NS	**ND(0.000000073)**	**ND(0.00000034) [0.00000059 w]**	0.00000081 J
1,2,3,7,8,9-HxCDF	NS	ND(0.000000063)	**ND(0.00000023) [ND(0.00000035)]**	0.00000044 J
2,3,4,6,7,8-HxCDF	NS	ND(0.000000058)	0.00000041 J [0.00000083 J]	0.00000074 J
HxCDFs (total)	NS	**ND(0.00000022)**	0.0000053 [0.000011]	0.0000092
1,2,3,4,6,7,8-HpCDF	NS	0.00000014 w	0.00000065 J [0.0000014 J]	0.0000011 J
1,2,3,4,7,8,9-HpCDF	NS	ND(0.000000067)	0.00000023 w [0.00000033 J]	0.00000045 J
HpCDFs (total)	NS	ND(0.000000061)	0.0000016 [0.0000039]	0.0000030
OCDF	NS	ND(0.00000014)	0.00000067 J [0.0000014 J]	0.0000011 J
Total Furans	NS	ND(0.00000022)	0.000014 [0.000031]	0.000028
Dioxins				
2,3,7,8-TCDD	NS	ND(0.000000095)	ND(0.00000010) [ND(0.000000097)]	ND(0.000000078)
TCDDs (total)	NS	0.00000027	ND(0.00000036) [ND(0.00000026)]	ND(0.00000034)
1,2,3,7,8-PeCDD	NS	ND(0.000000063)	ND(0.000000058) [0.00000011 w]	0.000000071 w
PeCDDs (total)	NS	0.00000041	0.00000012 [0.00000017]	0.00000017
1,2,3,4,7,8-HxCDD	NS	ND(0.000000078)	ND(0.000000089) [ND(0.00000010)]	ND(0.000000088)
1,2,3,6,7,8-HxCDD	NS	ND(0.000000083)	ND(0.000000094) [0.00000019 J]	0.00000015 J
1,2,3,7,8,9-HxCDD	NS	ND(0.000000074)	ND(0.000000085) [ND(0.000000094)]	ND(0.000000083)
HxCDDs (total)	NS	ND(0.00000056)	ND(0.00000051) [0.00000076]	0.00000044
1,2,3,4,6,7,8-HpCDD	NS	**ND(0.00000029)**	**ND(0.0000011) [0.0000020]**	0.0000015 J
HpCDDs (total)	NS	**ND(0.00000029)**	0.0000020 [0.0000039]	0.0000030
OCDD	NS	**ND(0.0000015)**	**ND(0.0000050) [0.000010]**	**ND(0.0000092)**
Total Dioxins	NS	0.00000068	0.0000021 [0.000015]	0.0000036
WHO TEF	NS	0.00000013	0.00000055 [0.0000012]	0.0000012
Inorganics				
Antimony	NS	ND(11.0)	ND(11.0) [ND(11.0)]	ND(11.0)
Arsenic	NS	ND(19.0)	ND(15.0) [ND(19.0)]	ND(18.0)
Barium	NS	ND(38.0)	30.0 [ND(38.0)]	ND(37.0)
Beryllium	NS	0.220	0.320 [0.300]	0.240
Cadmium	NS	ND(1.90)	ND(1.80) [ND(1.90)]	ND(1.80)
Chromium	NS	7.30	**16.0 J [5.80 J]**	ND(4.90)
Cobalt	NS	11.0	15.0 [54.0]	11.0
Copper	NS	30.0	31.0 [ND(19.0)]	ND(18.0)
Cyanide	NS	ND(1.00)	ND(1.00) [ND(1.00)]	ND(1.00)
Lead	NS	12.0	11.0 [6.80]	13.0
Mercury	NS	0.820	ND(0.200) [ND(0.200)]	ND(0.200)
Nickel	NS	17.0	26.0 [18.0]	11.0
Selenium	NS	ND(0.960)	**ND(0.910) J [ND(0.940) J]**	ND(0.920)
Silver	NS	ND(0.960)	ND(0.910) [ND(0.940)]	ND(0.920)
Sulfide	NS	ND(6.40)	ND(6.10) [ND(6.30)]	7.80
Thallium	NS	ND(1.90)	ND(1.80) [ND(1.90)]	ND(1.80)
Tin	NS	ND(57.0)	ND(55.0) [ND(57.0)]	ND(55.0)
Vanadium	NS	ND(9.60)	12.0 [ND(9.40)]	ND(9.20)
Zinc	NS	42.0	**78.0 J [42.0 J]**	31.0

TABLE 2-2

GENERAL ELECTRIC COMPANY
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PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	40s Complex RAA1-1 0-1 01/04/01	40s Complex RAA1-2 6-8 12/19/00	40s Complex RAA1-2 6-15 12/19/00	40s Complex RAA1-3 0-1 12/19/00	40s Complex RAA1-4 0-1 01/02/01	40s Complex RAA1-5 1-6 01/04/01
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
1,1,1-Trichloroethane	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
1,1,2,2-Tetrachloroethane	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
1,1,2-Trichloroethane	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
1,1-Dichloroethane	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
1,1-Dichloroethene	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
1,2,3-Trichloropropane	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
1,2-Dibromo-3-chloropropane	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
1,2-Dibromoethane	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
1,2-Dichloroethane	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
1,2-Dichloropropane	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
1,4-Dioxane	**ND(0.14) J**	**ND(0.20) J**	NS	**ND(0.20) J**	**ND(0.0067) J**	NS
2-Butanone	ND(0.10)	ND(0.10)	NS	ND(0.10)	ND(0.10)	NS
2-Chloro-1,3-butadiene	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
2-Chloroethylvinylether	**ND(0.20) J**	**ND(0.0057) J**	NS	**ND(0.0066) J**	**ND(0.20) J**	NS
2-Hexanone	ND(0.014)	ND(0.011)	NS	ND(0.013)	ND(0.013)	NS
3-Chloropropene	ND(0.014)	ND(0.011)	NS	ND(0.013)	ND(0.013)	NS
4-Methyl-2-pentanone	**ND(0.0071) J**	ND(0.011)	NS	ND(0.013)	ND(0.013)	NS
Acetone	ND(0.10)	ND(0.10)	NS	ND(0.10)	ND(0.10)	NS
Acetonitrile	ND(0.14)	ND(0.11)	NS	ND(0.13)	ND(0.13)	NS
Acrolein	**ND(0.28) J**	**ND(0.11) J**	NS	**ND(0.13) J**	**ND(0.13) J**	NS
Acrylonitrile	ND(0.014)	ND(0.011)	NS	ND(0.013)	ND(0.013)	NS
Benzene	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
Bromodichloromethane	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
Bromoform	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
Bromomethane	ND(0.014)	ND(0.011)	NS	ND(0.013)	ND(0.013)	NS
Carbon Disulfide	ND(0.010)	ND(0.010)	NS	ND(0.010)	ND(0.010)	NS
Carbon Tetrachloride	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
Chlorobenzene	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
Chloroethane	ND(0.014)	ND(0.011)	NS	ND(0.013)	ND(0.013)	NS
Chloroform	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
Chloromethane	**ND(0.014) J**	ND(0.011)	NS	ND(0.013)	ND(0.013)	NS
cis-1,3-Dichloropropene	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
Dibromochloromethane	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
Dibromomethane	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
Dichlorodifluoromethane	ND(0.014)	ND(0.011)	NS	ND(0.013)	ND(0.013)	NS
Ethyl Methacrylate	ND(0.014)	ND(0.011)	NS	ND(0.013)	ND(0.013)	NS
Ethylbenzene	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
Iodomethane	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
Isobutanol	**ND(0.071) J**	**ND(0.23) J**	NS	**ND(0.26) J**	**ND(0.27) J**	NS
Methacrylonitrile	ND(0.014)	ND(0.011)	NS	ND(0.013)	ND(0.013)	NS
Methyl Methacrylate	ND(0.014)	ND(0.011)	NS	ND(0.013)	ND(0.013)	NS
Methylene Chloride	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
Propionitrile	**ND(0.0071) J**	**ND(0.057) J**	NS	**ND(0.066) J**	**ND(0.067) J**	NS
Styrene	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
Tetrachloroethene	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
Toluene	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
trans-1,2-Dichloroethene	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
trans-1,3-Dichloropropene	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
trans-1,4-Dichloro-2-butene	ND(0.014)	ND(0.011)	NS	ND(0.013)	ND(0.013)	NS
Trichloroethene	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
Trichlorofluoromethane	**ND(0.14) J**	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS
Vinyl Acetate	ND(0.014)	ND(0.011)	NS	ND(0.013)	ND(0.013)	NS
Vinyl Chloride	ND(0.014)	ND(0.011)	NS	ND(0.013)	ND(0.013)	NS
Xylenes (total)	ND(0.0071)	ND(0.0057)	NS	ND(0.0066)	ND(0.0067)	NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	40s Complex RAA1-1 0-1 01/04/01	40s Complex RAA1-2 6-8 12/19/00	40s Complex RAA1-2 6-15 12/19/00	40s Complex RAA1-3 0-1 12/19/00	40s Complex RAA1-4 0-1 01/02/01	40s Complex RAA1-5 1-6 01/04/01
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
1,2,4-Trichlorobenzene	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
1,2-Dichlorobenzene	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
1,2-Diphenylhydrazine	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
1,3,5-Trinitrobenzene	**ND(4.8) J**	NS	**ND(0.96) J**	**ND(0.90) J**	ND(0.90)	**ND(5.4) J**
1,3-Dichlorobenzene	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
1,3-Dinitrobenzene	ND(12)	NS	ND(2.4)	ND(2.3)	ND(2.3)	ND(13)
1,4-Dichlorobenzene	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
1,4-Naphthoquinone	ND(12)	NS	ND(2.4)	ND(2.3)	ND(2.3)	ND(13)
1-Naphthylamine	ND(12)	NS	ND(2.4)	ND(2.3)	ND(2.3)	ND(13)
2,3,4,6-Tetrachlorophenol	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
2,4,5-Trichlorophenol	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
2,4,6-Trichlorophenol	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
2,4-Dichlorophenol	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
2,4-Dimethylphenol	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
2,4-Dinitrophenol	ND(12)	NS	ND(2.4)	ND(2.3)	ND(2.3)	ND(13)
2,4-Dinitrotoluene	ND(12)	NS	ND(2.4)	ND(2.3)	ND(2.3)	ND(13)
2,6-Dichlorophenol	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
2,6-Dinitrotoluene	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
2-Acetylaminofluorene	ND(4.8)	NS	ND(0.96)	ND(0.90)	ND(0.90)	ND(5.4)
2-Chloronaphthalene	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
2-Chlorophenol	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
2-Methylnaphthalene	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
2-Methylphenol	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
2-Naphthylamine	ND(12)	NS	ND(2.4)	ND(2.3)	ND(2.3)	ND(13)
2-Nitroaniline	ND(12)	NS	ND(2.4)	ND(2.3)	ND(2.3)	ND(13)
2-Nitrophenol	ND(4.8)	NS	ND(0.96)	ND(0.90)	ND(0.90)	ND(5.4)
2-Picoline	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
3&4-Methylphenol	ND(4.8)	NS	ND(0.96)	ND(0.90)	ND(0.90)	ND(5.4)
3,3'-Dichlorobenzidine	ND(12)	NS	ND(2.4)	ND(2.3)	**ND(2.3) J**	ND(13)
3,3'-Dimethylbenzidine	ND(12)	NS	ND(2.4)	ND(2.3)	**ND(2.3) J**	ND(13)
3-Methylcholanthrene	ND(4.8)	NS	ND(0.96)	ND(0.90)	ND(0.90)	ND(5.4)
3-Nitroaniline	ND(12)	NS	ND(2.4)	**ND(2.3) J**	ND(2.3)	ND(13)
4,6-Dinitro-2-methylphenol	**ND(2.4) J**	NS	ND(0.48)	ND(0.45)	**ND(0.45) J**	**ND(2.7) J**
4-Aminobiphenyl	ND(4.8)	NS	ND(0.96)	ND(0.90)	ND(0.90)	ND(5.4)
4-Bromophenyl-phenylether	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
4-Chloro-3-Methylphenol	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
4-Chloroaniline	ND(4.8)	NS	ND(0.96)	ND(0.90)	ND(0.90)	ND(5.4)
4-Chlorobenzilate	ND(12)	NS	ND(2.4)	ND(2.3)	ND(2.3)	ND(13)
4-Chlorophenyl-phenylether	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
4-Nitroaniline	ND(12)	NS	ND(2.4)	ND(2.3)	ND(2.3)	ND(13)
4-Nitrophenol	ND(12)	NS	**ND(2.4) J**	ND(2.3)	ND(2.3)	ND(13)
4-Nitroquinoline-1-oxide	**ND(12) J**	NS	ND(2.4)	**ND(2.3) J**	**ND(2.3) J**	**ND(13) J**
4-Phenylenediamine	ND(12)	NS	ND(2.4)	**ND(2.3) J**	ND(2.3)	ND(13)
5-Nitro-o-toluidine	ND(12)	NS	ND(2.4)	ND(2.3)	ND(2.3)	ND(13)
7,12-Dimethylbenz(a)anthracene	ND(4.8)	NS	**ND(0.96) J**	**ND(0.90) J**	ND(0.90)	ND(5.4)
a,a'-Dimethylphenethylamine	ND(12)	NS	ND(2.4)	ND(2.3)	ND(2.3)	ND(13)
Acenaphthene	2.6	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
Acenaphthylene	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
Acetophenone	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
Aniline	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
Anthracene	5.4	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
Aramite	**ND(4.8) J**	NS	ND(0.96)	ND(0.90)	**ND(0.90) J**	**ND(5.4) J**
Benzidine	**ND(4.8) J**	NS	**ND(0.96) J**	ND(0.90)	**ND(0.90) J**	**ND(5.4) J**
Benzo(a)anthracene	17	NS	ND(0.48)	0.60	ND(0.45)	ND(2.7)
Benzo(a)pyrene	18	NS	ND(0.48)	0.68	ND(0.45)	ND(2.7)
Benzo(b)fluoranthene	16	NS	ND(0.48)	0.54	ND(0.45)	ND(2.7)
Benzo(g,h,i)perylene	18	NS	ND(0.48)	0.95	ND(0.45)	ND(2.7)
Benzo(k)fluoranthene	16	NS	ND(0.48)	0.50	ND(0.45)	ND(2.7)

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(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	40s Complex RAA1-1 0-1 01/04/01	40s Complex RAA1-2 6-8 12/19/00	40s Complex RAA1-2 6-15 12/19/00	40s Complex RAA1-3 0-1 12/19/00	40s Complex RAA1-4 0-1 01/02/01	40s Complex RAA1-5 1-6 01/04/01
Semivolatile Organics (continued)						
Benzyl Alcohol	ND(4.8)	NS	ND(0.96)	ND(0.90)	ND(0.90)	ND(5.4)
bis(2-Chloroethoxy)methane	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
bis(2-Chloroethyl)ether	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
bis(2-Chloroisopropyl)ether	ND(2.4)	NS	ND(0.48)	ND(0.45)	**ND(0.45) J**	ND(2.7)
bis(2-Ethylhexyl)phthalate	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
Butylbenzylphthalate	ND(4.8)	NS	ND(0.96)	ND(0.90)	ND(0.90)	ND(5.4)
Chrysene	18	NS	ND(0.48)	0.49	ND(0.45)	ND(2.7)
Diallate	ND(4.8)	NS	ND(0.96)	ND(0.90)	ND(0.90)	ND(5.4)
Dibenzo(a,h)anthracene	ND(4.8)	NS	**ND(0.96) J**	ND(0.90)	ND(0.90)	ND(5.4)
Dibenzofuran	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
Diethylphthalate	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
Dimethylphthalate	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
Di-n-Butylphthalate	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
Di-n-Octylphthalate	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
Diphenylamine	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
Ethyl Methanesulfonate	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
Fluoranthene	33	NS	ND(0.48)	0.81	ND(0.45)	ND(2.7)
Fluorene	2.6	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
Hexachlorobenzene	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
Hexachlorobutadiene	ND(4.8)	NS	ND(0.96)	ND(0.90)	ND(0.90)	ND(5.4)
Hexachlorocyclopentadiene	**ND(2.4) J**	NS	ND(0.48)	ND(0.45)	ND(0.45)	**ND(2.7) J**
Hexachloroethane	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
Hexachlorophene	**ND(4.8) J**	NS	**ND(0.96) J**	ND(0.90)	**ND(0.90) J**	**ND(5.4) J**
Hexachloropropene	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
Indeno(1,2,3-cd)pyrene	16	NS	ND(0.96)	ND(0.90)	ND(0.90)	ND(5.4)
Isodrin	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
Isophorone	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
Isosafrole	ND(4.8)	NS	ND(0.96)	ND(0.90)	ND(0.90)	ND(5.4)
Methapyrilene	ND(12)	NS	**ND(2.4) J**	ND(2.3)	**ND(2.3) J**	ND(13)
Methyl Methanesulfonate	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
Naphthalene	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
Nitrobenzene	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
N-Nitrosodiethylamine	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
N-Nitrosodimethylamine	ND(12)	NS	ND(0.96)	**ND(0.90) J**	ND(2.2)	ND(13)
N-Nitroso-di-n-butylamine	**ND(4.8) J**	NS	**ND(0.96) J**	ND(0.90)	ND(0.90)	**ND(5.4) J**
N-Nitroso-di-n-propylamine	ND(4.8)	NS	ND(0.96)	ND(0.90)	**ND(0.90) J**	ND(5.4)
N-Nitrosodiphenylamine	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
N-Nitrosomethylethylamine	ND(2.4)	NS	ND(0.96)	ND(0.90)	ND(0.90)	ND(2.7)
N-Nitrosomorpholine	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
N-Nitrosopiperidine	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
N-Nitrosopyrrolidine	ND(4.8)	NS	ND(0.96)	ND(0.90)	ND(0.90)	ND(5.4)
o,o,o-Triethylphosphorothioate	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
o-Toluidine	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
p-Dimethylaminoazobenzene	ND(12)	NS	ND(2.4)	ND(2.3)	ND(2.3)	ND(13)
Pentachlorobenzene	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
Pentachloroethane	ND(2.4)	NS	ND(0.48)	ND(0.45)	**ND(0.45) J**	ND(2.7)
Pentachloronitrobenzene	ND(12)	NS	**ND(2.4) J**	**ND(2.3) J**	ND(2.3)	ND(13)
Pentachlorophenol	ND(12)	NS	ND(2.4)	ND(2.3)	ND(2.3)	ND(13)
Phenacetin	ND(12)	NS	ND(2.4)	ND(2.3)	ND(2.3)	ND(13)
Phenanthrene	32	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
Phenol	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
Pronamide	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
Pyrene	29	NS	ND(0.48)	0.84	ND(0.45)	ND(2.7)
Pyridine	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
Safrole	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)
Thionazin	ND(2.4)	NS	ND(0.48)	ND(0.45)	ND(0.45)	ND(2.7)

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(Results in ppm dry weight)

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Furans						
2,3,7,8-TCDF	0.000036	NS	ND(0.000000037)	0.00000088	ND(0.000000077)	ND(0.000000075)
TCDFs (total)	0.00028 I	NS	0.000000063	0.0000040	ND(0.000000041)	ND(0.000000075)
1,2,3,7,8-PeCDF	**ND(0.000013)**	NS	ND(0.000000025)	0.00000031 J	0.000000070 w	0.000000081 w
2,3,4,7,8-PeCDF	**ND(0.000027)**	NS	ND(0.000000024)	0.00000065 J	0.000000079 w	0.00000013 J
PeCDFs (total)	**ND(0.00031)**	NS	ND(0.000000050)	0.0000059	0.00000042	0.0000011 I
1,2,3,4,7,8-HxCDF	**ND(0.000016)**	NS	0.000000030 w	0.00000048 J	0.000000088 w	0.00000010 J
1,2,3,6,7,8-HxCDF	**ND(0.00001)**	NS	0.000000059 J	0.00000030 J	0.000000075 w	0.00000013 J
1,2,3,7,8,9-HxCDF	0.0000024	NS	ND(0.000000033)	ND(0.000000057)	ND(0.000000042)	ND(0.000000063)
2,3,4,6,7,8-HxCDF	**ND(0.000018)**	NS	ND(0.000000030)	0.00000065 J	ND(0.000000039)	0.00000013 w
HxCDFs (total)	**ND(0.00023)**	NS	0.000000059	0.0000078	0.00000039	0.0000013
1,2,3,4,6,7,8-HpCDF	**ND(0.00007)**	NS	0.000000050 J	0.0000019 J	0.00000016 J	0.00000044 J
1,2,3,4,7,8,9-HpCDF	0.0000046	NS	ND(0.000000046)	0.00000017 J	ND(0.000000074)	ND(0.000000070)
HpCDFs (total)	**ND(0.00014)**	NS	0.000000050	0.0000048	0.00000016	0.00000044
OCDF	**ND(0.000061)**	NS	ND(0.000000075)	0.0000014 J	ND(0.00000014)	0.00000018 J
Total Furans	0.00028	NS	0.00000017	0.000024	0.00000097	0.0000030
Dioxins						
2,3,7,8-TCDD	0.0000012	NS	ND(0.000000044)	ND(0.000000073)	ND(0.000000055)	ND(0.000000054)
TCDDs (total)	0.000011	NS	ND(0.00000032)	ND(0.00000029)	ND(0.00000032)	ND(0.00000029)
1,2,3,7,8-PeCDD	**ND(0.0000014)**	NS	ND(0.000000025)	0.000000094 w	ND(0.000000081)	0.00000014 w
PeCDDs (total)	0.000014 I	NS	ND(0.00000038)	0.00000012	ND(0.00000041)	ND(0.00000051) I
1,2,3,4,7,8-HxCDD	0.0000016 J	NS	ND(0.000000042)	ND(0.000000046)	ND(0.000000064)	ND(0.000000061)
1,2,3,6,7,8-HxCDD	**ND(0.0000037)**	NS	ND(0.000000044)	0.00000042 J	ND(0.000000067)	0.000000098 w
1,2,3,7,8,9-HxCDD	**ND(0.0000026)**	NS	ND(0.000000040)	0.00000017 w	ND(0.000000060)	0.000000094 w
HxCDDs (total)	0.000029	NS	ND(0.00000040)	0.0000023	ND(0.00000042)	ND(0.00000060)
1,2,3,4,6,7,8-HpCDD	**ND(0.000052)**	NS	**ND(0.00000017)**	0.0000021 J	**ND(0.00000022)**	0.00000056 J
HpCDDs (total)	0.000095	NS	**ND(0.00000017)**	0.0000039	**ND(0.00000035)**	0.0000012
OCDD	**ND(0.00023)**	NS	**ND(0.00000095)**	0.0000074	**ND(0.00000092)**	0.0000031 J
Total Dioxins	0.00015	NS	ND(0.00000095)	0.000014	ND(0.00000092)	0.0000043
WHO TEF	0.000016	NS	0.000000063	0.00000081	0.00000015	0.00000031
Inorganics						
Antimony	**ND(13.0) J**	NS	ND(13.0)	ND(12.0)	**ND(12.0) J**	**ND(15.0) J**
Arsenic	ND(21.0)	NS	ND(22.0)	ND(20.0)	ND(20.0)	ND(15.0)
Barium	76.0	NS	ND(43.0)	ND(40.0)	ND(40.0)	95.0
Beryllium	0.220	NS	0.220	ND(0.200)	0.220	0.470
Cadmium	ND(2.10)	NS	ND(2.20)	ND(2.00)	ND(2.00)	ND(2.50)
Chromium	180	NS	17.0	11.0	5.50	11.0
Cobalt	ND(11.0)	NS	22.0	10.0	ND(10.0)	ND(12.0)
Copper	13000	NS	45.0	58.0	26.0	100
Cyanide	ND(1.00)	NS	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Lead	830	NS	12.0	61.0	57.0	79.0
Mercury	0.650	NS	ND(0.290)	ND(0.270)	ND(0.270)	4.90
Nickel	130	NS	37.0	19.0	8.90	18.0
Selenium	ND(1.10)	NS	ND(1.10)	ND(1.00)	ND(1.00)	ND(1.20)
Silver	ND(1.10)	NS	ND(1.10)	ND(1.00)	ND(1.00)	ND(1.20)
Sulfide	73.0	NS	ND(7.20)	19.0	8.50	13.0
Thallium	**ND(2.10) J**	NS	**ND(2.20) J**	**ND(2.00) J**	**ND(2.00) J**	**ND(2.50) J**
Tin	150	NS	ND(65.0)	ND(60.0)	ND(60.0)	ND(74.0)
Vanadium	24.0	NS	ND(11.0)	ND(10.0)	ND(10.0)	15.0
Zinc	2600	NS	94.0	100	31.0	750

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	40s Complex RAA1-5 2-4 01/04/01	40s Complex RAA1-6 6-15 01/08/01	40s Complex RAA1-6 12-14 01/08/01	40s Complex RAA1-7 0-1 12/18/00	40s Complex RAA1-8 1-2 12/18/00
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
1,1,1-Trichloroethane	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
1,1,2,2-Tetrachloroethane	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
1,1,2-Trichloroethane	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
1,1-Dichloroethane	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
1,1-Dichloroethene	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
1,2,3-Trichloropropane	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
1,2-Dibromo-3-chloropropane	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
1,2-Dibromoethane	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
1,2-Dichloroethane	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
1,2-Dichloropropane	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
1,4-Dioxane	**ND(0.20) J**	NS	**ND(0.20) J**	**ND(0.20) J**	**ND(0.20) J**
2-Butanone	ND(0.10)	NS	ND(0.10)	ND(0.10)	ND(0.10)
2-Chloro-1,3-butadiene	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
2-Chloroethylvinylether	**ND(0.0079) J**	NS	**ND(0.0092) J**	**ND(0.0079) J**	**ND(0.0067) J**
2-Hexanone	ND(0.016)	NS	ND(0.018)	ND(0.016)	ND(0.013)
3-Chloropropene	ND(0.016)	NS	ND(0.018)	ND(0.016)	ND(0.013)
4-Methyl-2-pentanone	**ND(0.016) J**	NS	**ND(0.018) J**	ND(0.016)	ND(0.013)
Acetone	ND(0.10)	NS	ND(0.10)	ND(0.10)	ND(0.10)
Acetonitrile	ND(0.16)	NS	**ND(0.18) J**	ND(0.16)	ND(0.13)
Acrolein	**ND(0.16) J**	NS	**ND(0.18) J**	**ND(0.16) J**	**ND(0.13) J**
Acrylonitrile	ND(0.016)	NS	ND(0.018)	ND(0.016)	ND(0.013)
Benzene	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
Bromodichloromethane	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
Bromoform	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
Bromomethane	ND(0.016)	NS	ND(0.018)	ND(0.016)	ND(0.013)
Carbon Disulfide	ND(0.010)	NS	ND(0.010)	ND(0.010)	ND(0.010)
Carbon Tetrachloride	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
Chlorobenzene	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
Chloroethane	ND(0.016)	NS	ND(0.018)	ND(0.016)	ND(0.013)
Chloroform	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
Chloromethane	**ND(0.016) J**	NS	ND(0.018)	ND(0.016)	ND(0.013)
cis-1,3-Dichloropropene	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
Dibromochloromethane	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
Dibromomethane	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
Dichlorodifluoromethane	ND(0.016)	NS	ND(0.018)	ND(0.016)	ND(0.013)
Ethyl Methacrylate	ND(0.016)	NS	ND(0.018)	ND(0.016)	ND(0.013)
Ethylbenzene	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
Iodomethane	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
Isobutanol	**ND(0.31) J**	NS	**ND(0.37) J**	**ND(0.32) J**	**ND(0.27) J**
Methacrylonitrile	ND(0.016)	NS	ND(0.018)	ND(0.016)	ND(0.013)
Methyl Methacrylate	ND(0.016)	NS	ND(0.018)	ND(0.016)	ND(0.013)
Methylene Chloride	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
Propionitrile	**ND(0.079) J**	NS	**ND(0.092) J**	**ND(0.079) J**	**ND(0.067) J**
Styrene	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
Tetrachloroethene	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
Toluene	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
trans-1,2-Dichloroethene	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
trans-1,3-Dichloropropene	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
trans-1,4-Dichloro-2-butene	ND(0.016)	NS	ND(0.018)	ND(0.016)	ND(0.013)
Trichloroethene	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)
Trichlorofluoromethane	**ND(0.0079) J**	NS	**ND(0.0092) J**	ND(0.0079)	ND(0.0067)
Vinyl Acetate	ND(0.016)	NS	ND(0.018)	ND(0.016)	ND(0.013)
Vinyl Chloride	ND(0.016)	NS	ND(0.018)	ND(0.016)	ND(0.013)
Xylenes (total)	ND(0.0079)	NS	ND(0.0092)	ND(0.0079)	ND(0.0067)

TABLE 2-2

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(Results in ppm dry weight)

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Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
1,2,4-Trichlorobenzene	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
1,2-Dichlorobenzene	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
1,2-Diphenylhydrazine	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
1,3,5-Trinitrobenzene	NS	**ND(5.9) J [ND(6.2) J]**	NS	**ND(0.97) J**	NS
1,3-Dichlorobenzene	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
1,3-Dinitrobenzene	NS	ND(15) [ND(16)]	NS	ND(2.4)	NS
1,4-Dichlorobenzene	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
1,4-Naphthoquinone	NS	ND(15) [ND(16)]	NS	ND(2.4)	NS
1-Naphthylamine	NS	ND(15) [ND(16)]	NS	ND(2.4)	NS
2,3,4,6-Tetrachlorophenol	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
2,4,5-Trichlorophenol	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
2,4,6-Trichlorophenol	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
2,4-Dichlorophenol	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
2,4-Dimethylphenol	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
2,4-Dinitrophenol	NS	ND(15) [ND(16)]	NS	ND(2.4)	NS
2,4-Dinitrotoluene	NS	ND(15) [ND(16)]	NS	ND(2.4)	NS
2,6-Dichlorophenol	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
2,6-Dinitrotoluene	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
2-Acetylaminofluorene	NS	ND(5.9) [ND(6.2)]	NS	**ND(0.97) J**	NS
2-Chloronaphthalene	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
2-Chlorophenol	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
2-Methylnaphthalene	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
2-Methylphenol	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
2-Naphthylamine	NS	ND(15) [ND(16)]	NS	ND(2.4)	NS
2-Nitroaniline	NS	ND(15) [ND(16)]	NS	ND(2.4)	NS
2-Nitrophenol	NS	ND(5.9) [ND(6.2)]	NS	ND(0.97)	NS
2-Picoline	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
3&4-Methylphenol	NS	ND(5.9) [ND(6.2)]	NS	ND(0.97)	NS
3,3'-Dichlorobenzidine	NS	ND(15) [ND(16)]	NS	ND(2.4)	NS
3,3'-Dimethylbenzidine	NS	ND(15) [ND(16)]	NS	ND(2.4)	NS
3-Methylcholanthrene	NS	ND(5.9) [ND(6.2)]	NS	ND(0.97)	NS
3-Nitroaniline	NS	ND(15) [ND(16)]	NS	**ND(2.4)-J**	NS
4,6-Dinitro-2-methylphenol	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
4-Aminobiphenyl	NS	ND(5.9) [ND(6.2)]	NS	ND(0.97)	NS
4-Bromophenyl-phenylether	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
4-Chloro-3-Methylphenol	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
4-Chloroaniline	NS	ND(5.9) [ND(6.2)]	NS	ND(0.97)	NS
4-Chlorobenzilate	NS	ND(15) [ND(16)]	NS	ND(2.4)	NS
4-Chlorophenyl-phenylether	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
4-Nitroaniline	NS	ND(15) [ND(16)]	NS	**ND(2.4) J**	NS
4-Nitrophenol	NS	ND(15) [ND(16)]	NS	ND(2.4)	NS
4-Nitroquinoline-1-oxide	NS	**ND(15) J [ND(16) J]**	NS	**ND(2.4) J**	NS
4-Phenylenediamine	NS	ND(15) [ND(16)]	NS	**ND(2.4) J**	NS
5-Nitro-o-toluidine	NS	ND(15) [ND(16)]	NS	ND(2.4)	NS
7,12-Dimethylbenz(a)anthracene	NS	ND(5.9) [ND(6.2)]	NS	**ND(0.97) J**	NS
a,a'-Dimethylphenethylamine	NS	ND(15) [ND(16)]	NS	ND(2.4)	NS
Acenaphthene	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Acenaphthylene	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Acetophenone	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Aniline	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Anthracene	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Aramite	NS	**ND(5.9) J [ND(6.2) J]**	NS	**ND(0.97) J**	NS
Benzidine	NS	**ND(5.9) J [ND(6.2) J]**	NS	**ND(0.97) J**	NS
Benzo(a)anthracene	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Benzo(a)pyrene	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Benzo(b)fluoranthene	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Benzo(g,h,i)perylene	NS	ND(2.9) [ND(3.1)]	NS	0.83	NS
Benzo(k)fluoranthene	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS

TABLE 2-2

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Semivolatile Organics (continued)					
Benzyl Alcohol	NS	ND(5.9) [ND(6.2)]	NS	ND(0.97)	NS
bis(2-Chloroethoxy)methane	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
bis(2-Chloroethyl)ether	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
bis(2-Chloroisopropyl)ether	NS	**ND(2.9) J [ND(3.1) J]**	NS	ND(0.48)	NS
bis(2-Ethylhexyl)phthalate	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Butylbenzylphthalate	NS	ND(5.9) [ND(6.2)]	NS	ND(0.97)	NS
Chrysene	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Diallate	NS	ND(5.9) [ND(6.2)]	NS	ND(0.97)	NS
Dibenzo(a,h)anthracene	NS	ND(5.9) [ND(6.2)]	NS	**ND(0.97) J**	NS
Dibenzofuran	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Diethylphthalate	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Dimethylphthalate	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Di-n-Butylphthalate	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Di-n-Octylphthalate	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Diphenylamine	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Ethyl Methanesulfonate	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Fluoranthene	NS	ND(2.9) [ND(3.1)]	NS	0.64	NS
Fluorene	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Hexachlorobenzene	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Hexachlorobutadiene	NS	ND(5.9) [ND(6.2)]	NS	ND(0.97)	NS
Hexachlorocyclopentadiene	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Hexachloroethane	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Hexachlorophene	NS	**ND(5.9) J [ND(6.2) J]**	NS	**ND(0.97) J**	NS
Hexachloropropene	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Indeno(1,2,3-cd)pyrene	NS	ND(5.9) [ND(6.2)]	NS	ND(0.97)	NS
Isodrin	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Isophorone	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Isosafrole	NS	ND(5.9) [ND(6.2)]	NS	ND(0.97)	NS
Methapyrilene	NS	**ND(15) J [ND(16) J]**	NS	ND(2.4)	NS
Methyl Methanesulfonate	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Naphthalene	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Nitrobenzene	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
N-Nitrosodiethylamine	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
N-Nitrosodimethylamine	NS	ND(15) [ND(16)]	NS	**ND(0.97) J**	NS
N-Nitroso-di-n-butylamine	NS	**ND(5.9) J [ND(6.2) J]**	NS	ND(0.97)	NS
N-Nitroso-di-n-propylamine	NS	ND(5.9) [ND(6.2)]	NS	ND(0.97)	NS
N-Nitrosodiphenylamine	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
N-Nitrosomethylethylamine	NS	ND(2.9) [ND(3.1)]	NS	ND(0.97)	NS
N-Nitrosomorpholine	NS	**ND(2.9) J [ND(3.1) J]**	NS	ND(0.48)	NS
N-Nitrosopiperidine	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
N-Nitrosopyrrolidine	NS	ND(5.9) [ND(6.2)]	NS	ND(0.97)	NS
o,o,o-Triethylphosphorothioate	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
o-Toluidine	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
p-Dimethylaminoazobenzene	NS	ND(15) [ND(16)]	NS	ND(2.4)	NS
Pentachlorobenzene	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Pentachloroethane	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Pentachloronitrobenzene	NS	ND(15) [ND(16)]	NS	**ND(2.4) J**	NS
Pentachlorophenol	NS	ND(15) [ND(16)]	NS	ND(2.4)	NS
Phenacetin	NS	ND(15) [ND(16)]	NS	ND(2.4)	NS
Phenanthrene	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Phenol	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Pronamide	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Pyrene	NS	ND(2.9) [ND(3.1)]	NS	0.55	NS
Pyridine	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Safrole	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS
Thionazin	NS	ND(2.9) [ND(3.1)]	NS	ND(0.48)	NS

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Furans					
2,3,7,8-TCDF	NS	ND(0.000000057) [ND(0.00000011)]	NS	0.000051	NS
TCDFs (total)	NS	ND(0.000000057) [ND(0.00000011)]	NS	0.00020	NS
1,2,3,7,8-PeCDF	NS	ND(0.000000066) [ND(0.000000076)]	NS	0.000012	NS
2,3,4,7,8-PeCDF	NS	ND(0.000000065) [ND(0.000000074)]	NS	0.000017	NS
PeCDFs (total)	NS	ND(0.000000066) [ND(0.000000075)]	NS	0.00013	NS
1,2,3,4,7,8-HxCDF	NS	ND(0.00000011) [ND(0.00000011)]	NS	0.000026	NS
1,2,3,6,7,8-HxCDF	NS	ND(0.00000010) [ND(0.00000010)]	NS	0.000015	NS
1,2,3,7,8,9-HxCDF	NS	ND(0.00000013) [ND(0.00000013)]	NS	0.0000046	NS
2,3,4,6,7,8-HxCDF	NS	ND(0.00000012) [ND(0.00000012)]	NS	0.0000083	NS
HxCDFs (total)	NS	ND(0.00000012) [ND(0.00000011)]	NS	0.00011	NS
1,2,3,4,6,7,8-HpCDF	NS	ND(0.000000093) [ND(0.00000015)]	NS	0.000026	NS
1,2,3,4,7,8,9-HpCDF	NS	ND(0.00000011) [ND(0.00000018)]	NS	0.0000050	NS
HpCDFs (total)	NS	ND(0.00000010) [ND(0.00000016)]	NS	0.000047	NS
OCDF	NS	ND(0.00000033) [ND(0.00000035)]	NS	0.000014	NS
Total Furans	NS	ND(0.00000033) [ND(0.00000035)]	NS	0.00050	NS
Dioxins					
2,3,7,8-TCDD	NS	ND(0.000000045) [ND(0.00000018)]	NS	0.00000021 w	NS
TCDDs (total)	NS	ND(0.00000031) [ND(0.00000018)]	NS	0.0000023	NS
1,2,3,7,8-PeCDD	NS	ND(0.000000093) [ND(0.000000092)]	NS	0.00000057 w	NS
PeCDDs (total)	NS	ND(0.00000042) [ND(0.00000042)]	NS	0.0000038	NS
1,2,3,4,7,8-HxCDD	NS	ND(0.00000016) [ND(0.00000019)]	NS	0.00000024 J	NS
1,2,3,6,7,8-HxCDD	NS	ND(0.00000017) [ND(0.00000020)]	NS	0.00000063 J	NS
1,2,3,7,8,9-HxCDD	NS	ND(0.00000015) [ND(0.00000018)]	NS	0.00000048 J	NS
HxCDDs (total)	NS	ND(0.00000042) [ND(0.00000019)]	NS	0.0000074	NS
1,2,3,4,6,7,8-HpCDD	NS	ND(0.00000013) [ND(0.00000018)]	NS	0.0000089	NS
HpCDDs (total)	NS	ND(0.00000013) [ND(0.00000018)]	NS	0.000018	NS
OCDD	NS	0.00000046 J [0.00000033 Jw]	NS	0.000052	NS
Total Dioxins	NS	0.00000046 [0.00000033]	NS	0.000084	NS
WHO TEF	NS	0.00000014 [0.00000022]	NS	0.000021	NS
Inorganics					
Antimony	NS	ND(13.0) [ND(14.0)]	NS	ND(13.0)	NS
Arsenic	NS	ND(22.0) [ND(23.0)]	NS	ND(22.0)	NS
Barium	NS	ND(44.0) [ND(46.0)]	NS	48.0	NS
Beryllium	NS	0.220 [0.250]	NS	0.360	NS
Cadmium	NS	ND(2.20) [ND(2.30)]	NS	ND(2.20)	NS
Chromium	NS	14.0 [14.0]	NS	24.0	NS
Cobalt	NS	15.0 [16.0]	NS	12.0	NS
Copper	NS	32.0 [33.0]	NS	480	NS
Cyanide	NS	ND(1.00) [ND(1.00)]	NS	ND(1.00)	NS
Lead	NS	10.0 [11.0]	NS	100	NS
Mercury	NS	ND(0.290) [ND(0.310)]	NS	0.420	NS
Nickel	NS	27.0 [29.0]	NS	110	NS
Selenium	NS	ND(1.10) [ND(1.20)]	NS	ND(1.10)	NS
Silver	NS	ND(1.10) [ND(1.20)]	NS	ND(1.10)	NS
Sulfide	NS	ND(7.40) [ND(7.80)]	NS	12.0	NS
Thallium	NS	ND(2.20) [ND(2.30)]	NS	**ND(2.20) J**	NS
Tin	NS	ND(66.0) [ND(70.0)]	NS	ND(65.0)	NS
Vanadium	NS	ND(11.0) [ND(12.0)]	NS	14.0	NS
Zinc	NS	79.0 [79.0]	NS	380	NS

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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
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(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	40s Complex RAA1-8 1-3 12/18/00	40s Complex RAA1-9 1-2 12/21/00	40s Complex RAA1-9 1-6 12/21/00	40s Complex RAA1-10 0-1 12/21/00	40s Complex RAA1-11 1-4 01/05/01
Volatile Organics					
1,1,1,2-Tetrachloroethane	NS	ND(0.0065)	NS	ND(0.0073)	NS
1,1,1-Trichloroethane	NS	ND(0.0065)	NS	ND(0.0073)	NS
1,1,2,2-Tetrachloroethane	NS	ND(0.0065)	NS	ND(0.0073)	NS
1,1,2-Trichloroethane	NS	ND(0.0065)	NS	ND(0.0073)	NS
1,1-Dichloroethane	NS	ND(0.0065)	NS	ND(0.0073)	NS
1,1-Dichloroethene	NS	ND(0.0065)	NS	ND(0.0073)	NS
1,2,3-Trichloropropane	NS	ND(0.0065)	NS	ND(0.0073)	NS
1,2-Dibromo-3-chloropropane	NS	ND(0.0065)	NS	ND(0.0073)	NS
1,2-Dibromoethane	NS	ND(0.0065)	NS	ND(0.0073)	NS
1,2-Dichloroethane	NS	ND(0.0065)	NS	ND(0.0073)	NS
1,2-Dichloropropane	NS	ND(0.0065)	NS	ND(0.0073)	NS
1,4-Dioxane	NS	**ND(0.13) J**	NS	**ND(0.20) J**	NS
2-Butanone	NS	ND(0.10)	NS	ND(0.10)	NS
2-Chloro-1,3-butadiene	NS	ND(0.0065)	NS	ND(0.0073)	NS
2-Chloroethylvinylether	NS	ND(0.0065)	NS	ND(0.0073)	NS
2-Hexanone	NS	**ND(0.20) J**	NS	**ND(0.015) J**	NS
3-Chloropropene	NS	ND(0.013)	NS	ND(0.015)	NS
4-Methyl-2-pentanone	NS	**ND(0.013) J**	NS	**ND(0.015) J**	NS
Acetone	NS	ND(0.10)	NS	ND(0.10)	NS
Acetonitrile	NS	ND(0.13)	NS	ND(0.15)	NS
Acrolein	NS	**ND(0.013) J**	NS	**ND(0.15) J**	NS
Acrylonitrile	NS	ND(0.013)	NS	ND(0.015)	NS
Benzene	NS	ND(0.0065)	NS	ND(0.0073)	NS
Bromodichloromethane	NS	ND(0.0065)	NS	ND(0.0073)	NS
Bromoform	NS	ND(0.0065)	NS	ND(0.0073)	NS
Bromomethane	NS	ND(0.013)	NS	ND(0.015)	NS
Carbon Disulfide	NS	ND(0.010)	NS	ND(0.010)	NS
Carbon Tetrachloride	NS	ND(0.0065)	NS	ND(0.0073)	NS
Chlorobenzene	NS	ND(0.0065)	NS	ND(0.0073)	NS
Chloroethane	NS	ND(0.013)	NS	ND(0.015)	NS
Chloroform	NS	ND(0.0065)	NS	ND(0.0073)	NS
Chloromethane	NS	**ND(0.013) J**	NS	**ND(0.015) J**	NS
cis-1,3-Dichloropropene	NS	ND(0.0065)	NS	ND(0.0073)	NS
Dibromochloromethane	NS	ND(0.0065)	NS	ND(0.0073)	NS
Dibromomethane	NS	ND(0.0065)	NS	ND(0.0073)	NS
Dichlorodifluoromethane	NS	ND(0.013)	NS	ND(0.015)	NS
Ethyl Methacrylate	NS	ND(0.013)	NS	ND(0.015)	NS
Ethylbenzene	NS	ND(0.0065)	NS	ND(0.0073)	NS
Iodomethane	NS	ND(0.0065)	NS	ND(0.0073)	NS
Isobutanol	NS	**ND(0.26) J**	NS	**ND(0.29) J**	NS
Methacrylonitrile	NS	ND(0.013)	NS	ND(0.015)	NS
Methyl Methacrylate	NS	ND(0.013)	NS	ND(0.015)	NS
Methylene Chloride	NS	ND(0.0065)	NS	ND(0.0073)	NS
Propionitrile	NS	**ND(0.065) J**	NS	**ND(0.073) J**	NS
Styrene	NS	ND(0.0065)	NS	ND(0.0073)	NS
Tetrachloroethene	NS	ND(0.0065)	NS	ND(0.0073)	NS
Toluene	NS	ND(0.0065)	NS	ND(0.0073)	NS
trans-1,2-Dichloroethene	NS	ND(0.0065)	NS	ND(0.0073)	NS
trans-1,3-Dichloropropene	NS	ND(0.0065)	NS	ND(0.0073)	NS
trans-1,4-Dichloro-2-butene	NS	ND(0.013)	NS	ND(0.015)	NS
Trichloroethene	NS	ND(0.0065)	NS	ND(0.0073)	NS
Trichlorofluoromethane	NS	ND(0.0065)	NS	ND(0.0073)	NS
Vinyl Acetate	NS	ND(0.013)	NS	ND(0.015)	NS
Vinyl Chloride	NS	ND(0.013)	NS	ND(0.015)	NS
Xylenes (total)	NS	ND(0.0065)	NS	ND(0.0073)	NS

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(Results in ppm dry weight)

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Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
1,2,4-Trichlorobenzene	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
1,2-Dichlorobenzene	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
1,2-Diphenylhydrazine	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
1,3,5-Trinitrobenzene	ND(1.0)	NS	ND(0.89)	ND(1.0)	ND(0.95)
1,3-Dichlorobenzene	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
1,3-Dinitrobenzene	ND(2.5)	NS	ND(2.3)	ND(2.6)	ND(2.4)
1,4-Dichlorobenzene	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
1,4-Naphthoquinone	ND(2.5)	NS	**ND(2.3) J**	**ND(2.6) J**	ND(2.4)
1-Naphthylamine	ND(2.5)	NS	ND(2.3)	ND(2.6)	**ND(2.4) J**
2,3,4,6-Tetrachlorophenol	R	NS	ND(0.44)	ND(0.50)	ND(0.47)
2,4,5-Trichlorophenol	R	NS	ND(0.44)	ND(0.50)	ND(0.47)
2,4,6-Trichlorophenol	R	NS	ND(0.44)	ND(0.50)	ND(0.47)
2,4-Dichlorophenol	R	NS	ND(0.44)	ND(0.50)	ND(0.47)
2,4-Dimethylphenol	R	NS	ND(0.44)	ND(0.50)	ND(0.47)
2,4-Dinitrophenol	R	NS	ND(2.3)	ND(2.6)	ND(2.4)
2,4-Dinitrotoluene	ND(2.5)	NS	ND(2.3)	ND(2.6)	ND(2.4)
2,6-Dichlorophenol	R	NS	ND(0.44)	ND(0.50)	ND(0.47)
2,6-Dinitrotoluene	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
2-Acetylaminofluorene	ND(1.0)	NS	ND(0.89)	ND(1.0)	ND(0.95)
2-Chloronaphthalene	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
2-Chlorophenol	R	NS	ND(0.44)	ND(0.50)	ND(0.47)
2-Methylnaphthalene	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
2-Methylphenol	R	NS	ND(0.44)	ND(0.50)	ND(0.47)
2-Naphthylamine	ND(2.5)	NS	ND(2.3)	ND(2.6)	ND(2.4)
2-Nitroaniline	ND(2.5)	NS	ND(2.3)	ND(2.6)	ND(2.4)
2-Nitrophenol	R	NS	ND(0.89)	ND(1.0)	ND(0.95)
2-Picoline	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
3&4-Methylphenol	R	NS	ND(0.89)	ND(1.0)	ND(0.95)
3,3'-Dichlorobenzidine	ND(2.5)	NS	ND(2.3)	ND(2.6)	ND(2.4)
3,3'-Dimethylbenzidine	ND(2.5)	NS	ND(2.3)	ND(2.6)	ND(2.4)
3-Methylcholanthrene	ND(1.0)	NS	ND(0.89)	ND(1.0)	ND(0.95)
3-Nitroaniline	ND(2.5)	NS	ND(2.3)	ND(2.6)	ND(2.4)
4,6-Dinitro-2-methylphenol	R	NS	**ND(0.44) J**	**ND(0.50) J**	**ND(0.47) J**
4-Aminobiphenyl	**ND(1.0) J**	NS	ND(0.89)	ND(1.0)	ND(0.95)
4-Bromophenyl-phenylether	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
4-Chloro-3-Methylphenol	R	NS	ND(0.44)	ND(0.50)	ND(0.47)
4-Chloroaniline	ND(1.0)	NS	ND(0.89)	ND(1.0)	ND(0.95)
4-Chlorobenzilate	ND(2.5)	NS	ND(2.3)	ND(2.6)	ND(2.4)
4-Chlorophenyl-phenylether	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
4-Nitroaniline	ND(2.5)	NS	ND(2.3)	ND(2.6)	ND(2.4)
4-Nitrophenol	R	NS	ND(2.3)	ND(2.6)	ND(2.4)
4-Nitroquinoline-1-oxide	ND(2.5)	NS	**ND(2.3) J**	**ND(2.6) J**	**ND(2.4) J**
4-Phenylenediamine	ND(2.5)	NS	ND(2.3)	ND(2.6)	**ND(2.4) J**
5-Nitro-o-toluidine	ND(2.5)	NS	ND(2.3)	ND(2.6)	ND(2.4)
7,12-Dimethylbenz(a)anthracene	ND(1.0)	NS	ND(0.89)	ND(1.0)	ND(0.95)
a,a'-Dimethylphenethylamine	ND(2.5)	NS	ND(2.3)	ND(2.6)	ND(2.4)
Acenaphthene	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Acenaphthylene	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Acetophenone	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Aniline	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Anthracene	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Aramite	**ND(1.0) J**	NS	**ND(0.89) J**	**ND(1.0) J**	**ND(0.95) J**
Benzidine	**ND(1.0) J**	NS	ND(0.89)	ND(1.0)	**ND(0.95) J**
Benzo(a)anthracene	**0.94**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Benzo(a)pyrene	**1.1**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Benzo(b)fluoranthene	**0.82**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Benzo(g,h,i)perylene	**0.79**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Benzo(k)fluoranthene	**0.96**	NS	ND(0.44)	ND(0.50)	ND(0.47)

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Semivolatile Organics (continued)					
Benzyl Alcohol	ND(1.0)	NS	ND(0.89)	ND(1.0)	ND(0.95)
bis(2-Chloroethoxy)methane	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
bis(2-Chloroethyl)ether	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
bis(2-Chloroisopropyl)ether	**ND(0.49)**	NS	**ND(0.44) J**	**ND(0.50) J**	ND(0.47)
bis(2-Ethylhexyl)phthalate	**0.81**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Butylbenzylphthalate	ND(1.0)	NS	ND(0.89)	ND(1.0)	ND(0.95)
Chrysene	**1.1**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Diallate	ND(1.0)	NS	ND(0.89)	ND(1.0)	ND(0.95)
Dibenzo(a,h)anthracene	ND(1.0)	NS	ND(0.89)	ND(1.0)	ND(0.95)
Dibenzofuran	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Diethylphthalate	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Dimethylphthalate	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Di-n-Butylphthalate	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Di-n-Octylphthalate	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Diphenylamine	**ND(0.50) J**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Ethyl Methanesulfonate	**ND(0.49)**	NS	**ND(0.44) J**	**ND(0.50) J**	ND(0.47)
Fluoranthene	**1.7**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Fluorene	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Hexachlorobenzene	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Hexachlorobutadiene	ND(1.0)	NS	ND(0.89)	ND(1.0)	ND(0.95)
Hexachlorocyclopentadiene	**ND(0.50) J**	NS	**ND(0.44) J**	**ND(0.50) J**	**ND(0.47) J**
Hexachloroethane	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Hexachlorophene	**ND(1.0) J**	NS	**ND(0.89) J**	**ND(1.0) J**	**ND(0.95) J**
Hexachloropropene	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	**ND(0.47) J**
Indeno(1,2,3-cd)pyrene	**ND(1.0)**	NS	ND(0.89)	ND(1.0)	ND(0.95)
Isodrin	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Isophorone	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Isosafrole	ND(1.0)	NS	ND(0.89)	ND(1.0)	ND(0.95)
Methapyrilene	**ND(2.5) J**	NS	**ND(2.3) J**	**ND(2.6) J**	ND(2.4)
Methyl Methanesulfonate	**ND(0.49)**	NS	**ND(0.44) J**	**ND(0.50) J**	ND(0.47)
Naphthalene	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Nitrobenzene	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
N-Nitrosodiethylamine	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
N-Nitrosodimethylamine	ND(1.0)	NS	ND(2.2)	ND(2.5)	ND(2.4)
N-Nitroso-di-n-butylamine	ND(1.0)	NS	**ND(0.89) J**	**ND(1.0) J**	ND(0.95)
N-Nitroso-di-n-propylamine	**ND(1.0) J**	NS	**ND(0.89) J**	**ND(1.0) J**	**ND(0.95) J**
N-Nitrosodiphenylamine	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
N-Nitrosomethylethylamine	ND(1.0)	NS	ND(0.89)	ND(1.0)	ND(0.95)
N-Nitrosomorpholine	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
N-Nitrosopiperidine	**ND(0.49)**	NS	**ND(0.44) J**	**ND(0.50) J**	ND(0.47)
N-Nitrosopyrrolidine	ND(1.0)	NS	ND(0.89)	ND(1.0)	ND(0.95)
o,o,o-Triethylphosphorothioate	**ND(0.50) J**	NS	ND(0.44)	ND(0.50)	ND(0.47)
o-Toluidine	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
p-Dimethylaminoazobenzene	ND(2.5)	NS	ND(2.3)	ND(2.6)	ND(2.4)
Pentachlorobenzene	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Pentachloroethane	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Pentachloronitrobenzene	ND(2.5)	NS	**ND(2.3) J**	**ND(2.6) J**	ND(2.4)
Pentachlorophenol	R	NS	ND(2.3)	ND(2.6)	ND(2.4)
Phenacetin	ND(2.5)	NS	ND(2.3)	ND(2.6)	ND(2.4)
Phenanthrene	**1.2**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Phenol	**2.8 J**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Pronamide	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Pyrene	**2.2 J**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Pyridine	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Safrole	**ND(0.49)**	NS	ND(0.44)	ND(0.50)	ND(0.47)
Thionazin	**ND(0.50) J**	NS	ND(0.44)	ND(0.50)	ND(0.47)

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	40s Complex RAA1-8 1-3 12/18/00	40s Complex RAA1-9 1-2 12/21/00	40s Complex RAA1-9 1-6 12/21/00	40s Complex RAA1-10 0-1 12/21/00	40s Complex RAA1-11 1-4 01/05/01
Furans					
2,3,7,8-TCDF	0.0000038	NS	**ND(0.00000011)**	**ND(0.00000013)**	0.00000018 J
TCDFs (total)	0.000043	NS	0.00000051	0.00000084	0.0000011
1,2,3,7,8-PeCDF	0.0000019 J	NS	**ND(0.000000093)**	0.000000073 J	0.000000083 J
2,3,4,7,8-PeCDF	0.0000059	NS	0.00000012 J	0.00000017 J	0.00000018 J
PeCDFs (total)	0.000071	NS	0.00000071	0.0000020	0.0000015
1,2,3,4,7,8-HxCDF	0.0000047	NS	0.000000099 J	0.000000096 J	0.00000019 J
1,2,3,6,7,8-HxCDF	0.0000031	NS	0.000000099 J	0.00000015 J	0.00000015 J
1,2,3,7,8,9-HxCDF	0.0000013 J	NS	ND(0.000000056)	ND(0.000000053)	ND(0.000000052)
2,3,4,6,7,8-HxCDF	0.0000064	NS	0.000000091 J	0.00000024 J	0.00000015 J
HxCDFs (total)	0.00011	NS	0.0000010	0.0000026	0.0000017
1,2,3,4,6,7,8-HpCDF	0.000038	NS	0.00000023 J	0.00000046 J	**ND(0.00000024)**
1,2,3,4,7,8,9-HpCDF	0.0000022 J	NS	ND(0.000000084)	ND(0.000000051)	ND(0.000000065)
HpCDFs (total)	0.00010	NS	0.00000042	0.00000088	0.00000049
OCDF	0.000029	NS	0.00000025 J	0.00000029 J	0.00000020 w
Total Furans	0.00035	NS	0.0000029	0.0000066	0.0000050
Dioxins					
2,3,7,8-TCDD	0.00000030 w	NS	ND(0.000000096)	ND(0.00000011)	ND(0.000000050)
TCDDs (total)	0.0000017	NS	ND(0.00000035)	ND(0.00000032)	ND(0.00000029)
1,2,3,7,8-PeCDD	0.00000081 w	NS	ND(0.000000048)	0.000000069 w	ND(0.000000064)
PeCDDs (total)	0.0000049	NS	ND(0.00000045)	ND(0.00000051)	ND(0.00000043)
1,2,3,4,7,8-HxCDD	0.00000038 J	NS	ND(0.000000054)	ND(0.000000054)	ND(0.000000060)
1,2,3,6,7,8-HxCDD	0.000011	NS	ND(0.000000057)	ND(0.000000056)	ND(0.000000064)
1,2,3,7,8,9-HxCDD	0.0000033	NS	ND(0.000000051)	ND(0.000000051)	ND(0.000000057)
HxCDDs (total)	0.000084	NS	ND(0.00000056)	0.00000028	ND(0.00000047)
1,2,3,4,6,7,8-HpCDD	0.000038	NS	**ND(0.00000039)**	0.00000070 J	**ND(0.00000032)**
HpCDDs (total)	0.00013	NS	**ND(0.00000060)**	0.0000013	**ND(0.00000054)**
OCDD	0.00021	NS	**ND(0.0000018)**	0.0000050	**ND(0.0000012)**
Total Dioxins	0.00043	NS	ND(0.0000018)	0.0000066	ND(0.0000012)
WHO TEF	0.0000084	NS	0.00000018	0.00000029	0.00000023
Inorganics					
Antimony	ND(13.0)	NS	**ND(12.0) J**	**ND(14.0) J**	**ND(13.0) J**
Arsenic	ND(22.0)	NS	**ND(20.0) J**	**ND(23.0) J**	ND(21.0)
Barium	79.0	NS	**ND(40.0) J**	**ND(46.0) J**	ND(43.0)
Beryllium	0.420	NS	**0.220 J**	**0.260 J**	0.290
Cadmium	ND(2.20)	NS	**ND(2.00) J**	**ND(2.30) J**	ND(2.10)
Chromium	18.0	NS	**8.60 J**	**9.70 J**	7.20
Cobalt	ND(11.0)	NS	**ND(10.0) J**	**ND(11.0) J**	11.0
Copper	ND(22.0)	NS	**30.0 J**	**ND(23.0) J**	ND(21.0)
Cyanide	0.250	NS	ND(1.00)	ND(1.00)	ND(1.00)
Lead	12.0	NS	23.0	22.0	6.90
Mercury	ND(0.300)	NS	ND(0.270)	ND(0.300)	ND(0.280)
Nickel	18.0	NS	**15.0 J**	**16.0 J**	14.0
Selenium	ND(1.10)	NS	ND(1.00)	ND(1.10)	**ND(1.1) J**
Silver	ND(1.10)	NS	**ND(1.00) J**	**ND(1.10) J**	ND(1.10)
Sulfide	52.0	NS	8.40	9.60	ND(7.10)
Thallium	**ND(2.20) J**	NS	**ND(2.00) J**	**ND(2.30) J**	**ND(2.1) J**
Tin	ND(67.0)	NS	**ND(60.0) J**	**ND(68.0) J**	ND(64.0)
Vanadium	17.0	NS	**ND(10.0) J**	**ND(11.0) J**	ND(11.0)
Zinc	58.0	NS	54.0	56.0	43.0

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	40s Complex RAA1-11 2-4 01/05/01	40s Complex RAA1-12 0-1 12/19/00	40s Complex RAA1-13 0-1 12/21/00	40s Complex RAA1-14 1-6 12/18/00	40s Complex RAA1-14 2-4 12/19/00
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
1,1,1-Trichloroethane	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
1,1,2,2-Tetrachloroethane	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
1,1,2-Trichloroethane	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
1,1-Dichloroethane	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
1,1-Dichloroethene	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
1,2,3-Trichloropropane	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
1,2-Dibromo-3-chloropropane	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
1,2-Dibromoethane	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
1,2-Dichloroethane	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
1,2-Dichloropropane	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
1,4-Dioxane	**ND(0.20) J [ND(0.20) J]**	**ND(0.20) J**	**ND(0.20) J**	NS	**ND(0.20) J**
2-Butanone	ND(0.10) [ND(0.10)]	ND(0.10)	ND(0.10)	NS	ND(0.10)
2-Chloro-1,3-butadiene	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
2-Chloroethylvinylether	**ND(0.0078) J [ND(0.0066) J]**	**ND(0.0086) J**	ND(0.0065)	NS	**ND(0.0063) J**
2-Hexanone	ND(0.016) [ND(0.013)]	ND(0.017)	**ND(0.013) J**	NS	ND(0.013)
3-Chloropropene	ND(0.016) [ND(0.013)]	ND(0.017)	ND(0.013)	NS	ND(0.013)
4-Methyl-2-pentanone	**ND(0.016) J [ND(0.013) J]**	ND(0.017)	**ND(0.013) J**	NS	ND(0.013)
Acetone	ND(0.10) [ND(0.10)]	ND(0.10)	ND(0.10)	NS	ND(0.10)
Acetonitrile	**ND(0.16) J [ND(0.13) J]**	ND(0.17)	ND(0.13)	NS	ND(0.13)
Acrolein	**ND(0.16) J [ND(0.13) J]**	**ND(0.17) J**	**ND(0.13) J**	NS	**ND(0.13) J**
Acrylonitrile	ND(0.016) [ND(0.013)]	ND(0.017)	ND(0.013)	NS	ND(0.013)
Benzene	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
Bromodichloromethane	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
Bromoform	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
Bromomethane	ND(0.016) [ND(0.013)]	ND(0.017)	ND(0.013)	NS	ND(0.013)
Carbon Disulfide	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NS	ND(0.010)
Carbon Tetrachloride	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
Chlorobenzene	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
Chloroethane	ND(0.016) [ND(0.013)]	ND(0.017)	ND(0.013)	NS	ND(0.013)
Chloroform	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
Chloromethane	**ND(0.016) J [ND(0.013) J]**	ND(0.017)	**ND(0.013) J**	NS	ND(0.013)
cis-1,3-Dichloropropene	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
Dibromochloromethane	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
Dibromomethane	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
Dichlorodifluoromethane	ND(0.016) [ND(0.013)]	ND(0.017)	ND(0.013)	NS	ND(0.013)
Ethyl Methacrylate	ND(0.016) [ND(0.013)]	ND(0.017)	ND(0.013)	NS	ND(0.013)
Ethylbenzene	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
Iodomethane	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
Isobutanol	**ND(0.31) J [ND(0.26) J]**	**ND(0.34) J**	**ND(0.26) J**	NS	**ND(0.25) J**
Methacrylonitrile	ND(0.016) [ND(0.013)]	ND(0.017)	ND(0.013)	NS	ND(0.013)
Methyl Methacrylate	ND(0.016) [ND(0.013)]	ND(0.017)	ND(0.013)	NS	ND(0.013)
Methylene Chloride	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
Propionitrile	**ND(0.078) J [ND(0.066) J]**	**ND(0.086) J**	**ND(0.065) J**	NS	**ND(0.063) J**
Styrene	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
Tetrachloroethene	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
Toluene	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
trans-1,2-Dichloroethene	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
trans-1,3-Dichloropropene	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
trans-1,4-Dichloro-2-butene	ND(0.016) [ND(0.013)]	ND(0.017)	ND(0.013)	NS	ND(0.013)
Trichloroethene	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
Trichlorofluoromethane	**ND(0.0078) J [ND(0.0066) J]**	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)
Vinyl Acetate	ND(0.016) [ND(0.013)]	ND(0.017)	ND(0.013)	NS	ND(0.013)
Vinyl Chloride	ND(0.016) [ND(0.013)]	ND(0.017)	ND(0.013)	NS	ND(0.013)
Xylenes (total)	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)	NS	ND(0.0063)

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	40s Complex RAA1-11 2-4 01/05/01	40s Complex RAA1-12 0-1 12/19/00	40s Complex RAA1-13 0-1 12/21/00	40s Complex RAA1-14 1-6 12/18/00	40s Complex RAA1-14 2-4 12/19/00
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
1,2,4-Trichlorobenzene	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
1,2-Dichlorobenzene	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
1,2-Diphenylhydrazine	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
1,3,5-Trinitrobenzene	NS	**ND(1.2) J**	ND(0.90)	**ND(0.89) J**	NS
1,3-Dichlorobenzene	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
1,3-Dinitrobenzene	NS	ND(3.1)	ND(2.3)	ND(2.2)	NS
1,4-Dichlorobenzene	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
1,4-Naphthoquinone	NS	ND(3.1)	**ND(2.3) J**	ND(2.2)	NS
1-Naphthylamine	NS	ND(3.1)	ND(2.3)	ND(2.2)	NS
2,3,4,6-Tetrachlorophenol	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
2,4,5-Trichlorophenol	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
2,4,6-Trichlorophenol	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
2,4-Dichlorophenol	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
2,4-Dimethylphenol	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
2,4-Dinitrophenol	NS	ND(3.1)	ND(2.3)	ND(2.2)	NS
2,4-Dinitrotoluene	NS	ND(3.1)	ND(2.3)	ND(2.2)	NS
2,6-Dichlorophenol	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
2,6-Dinitrotoluene	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
2-Acetylaminofluorene	NS	ND(1.2)	ND(0.90)	**ND(0.89) J**	NS
2-Chloronaphthalene	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
2-Chlorophenol	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
2-Methylnaphthalene	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
2-Methylphenol	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
2-Naphthylamine	NS	ND(3.1)	ND(2.3)	ND(2.2)	NS
2-Nitroaniline	NS	ND(3.1)	ND(2.3)	ND(2.2)	NS
2-Nitrophenol	NS	ND(1.2)	ND(0.90)	ND(0.89)	NS
2-Picoline	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
3&4-Methylphenol	NS	ND(1.2)	ND(0.90)	ND(0.89)	NS
3,3'-Dichlorobenzidine	NS	ND(3.1)	ND(2.3)	ND(2.2)	NS
3,3'-Dimethylbenzidine	NS	ND(3.1)	ND(2.3)	ND(2.2)	NS
3-Methylcholanthrene	NS	ND(1.2)	ND(0.90)	ND(0.89)	NS
3-Nitroaniline	NS	ND(3.1)	ND(2.3)	**ND(2.2) J**	NS
4,6-Dinitro-2-methylphenol	NS	ND(0.60)	**ND(0.45) J**	ND(0.44)	NS
4-Aminobiphenyl	NS	ND(1.2)	ND(0.90)	ND(0.89)	NS
4-Bromophenyl-phenylether	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
4-Chloro-3-Methylphenol	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
4-Chloroaniline	NS	ND(1.2)	ND(0.90)	ND(0.89)	NS
4-Chlorobenzilate	NS	ND(3.1)	ND(2.3)	ND(2.2)	NS
4-Chlorophenyl-phenylether	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
4-Nitroaniline	NS	ND(3.1)	ND(2.3)	**ND(2.2) J**	NS
4-Nitrophenol	NS	**ND(3.1) J**	ND(2.3)	ND(2.2)	NS
4-Nitroquinoline-1-oxide	NS	ND(3.1)	**ND(2.3) J**	**ND(2.2) J**	NS
4-Phenylenediamine	NS	ND(3.1)	ND(2.3)	**ND(2.2) J**	NS
5-Nitro-o-toluidine	NS	ND(3.1)	ND(2.3)	ND(2.2)	NS
7,12-Dimethylbenz(a)anthracene	NS	**ND(1.2) J**	ND(0.90)	**ND(0.89) J**	NS
a,a'-Dimethylphenethylamine	NS	ND(3.1)	ND(2.3)	ND(2.2)	NS
Acenaphthene	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
Acenaphthylene	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
Acetophenone	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
Aniline	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
Anthracene	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
Aramite	NS	ND(1.2)	**ND(0.90) J**	**ND(0.89) J**	NS
Benzidine	NS	**ND(1.2) J**	ND(0.90)	**ND(0.89) J**	NS
Benzo(a)anthracene	NS	ND(0.60)	0.71	ND(0.44)	NS
Benzo(a)pyrene	NS	ND(0.60)	0.50	ND(0.44)	NS
Benzo(b)fluoranthene	NS	ND(0.60)	0.55	ND(0.44)	NS
Benzo(g,h,i)perylene	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
Benzo(k)fluoranthene	NS	ND(0.60)	0.66	ND(0.44)	NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	40s Complex RAA1-11 2-4 01/05/01	40s Complex RAA1-12 0-1 12/19/00	40s Complex RAA1-13 0-1 12/21/00	40s Complex RAA1-14 1-6 12/18/00	40s Complex RAA1-14 2-4 12/19/00
Semivolatile Organics (continued)					
Benzyl Alcohol	NS	ND(1.2)	ND(0.90)	ND(0.89)	NS
bis(2-Chloroethoxy)methane	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
bis(2-Chloroethyl)ether	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
bis(2-Chloroisopropyl)ether	NS	ND(0.60)	**ND(0.45) J**	ND(0.44)	NS
bis(2-Ethylhexyl)phthalate	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
Butylbenzylphthalate	NS	ND(1.2)	ND(0.90)	ND(0.89)	NS
Chrysene	NS	ND(0.60)	0.79	ND(0.44)	NS
Diallate	NS	ND(1.2)	ND(0.90)	ND(0.89)	NS
Dibenzo(a,h)anthracene	NS	**ND(1.2) J**	ND(0.90)	**ND(0.89) J**	NS
Dibenzofuran	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
Diethylphthalate	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
Dimethylphthalate	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
Di-n-Butylphthalate	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
Di-n-Octylphthalate	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
Diphenylamine	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
Ethyl Methanesulfonate	NS	ND(0.60)	**ND(0.45) J**	ND(0.44)	NS
Fluoranthene	NS	ND(0.60)	1.5	ND(0.44)	NS
Fluorene	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
Hexachlorobenzene	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
Hexachlorobutadiene	NS	ND(1.2)	ND(0.90)	ND(0.89)	NS
Hexachlorocyclopentadiene	NS	ND(0.60)	**ND(0.45) J**	ND(0.44)	NS
Hexachloroethane	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
Hexachlorophene	NS	**ND(1.2) J**	**ND(0.90) J**	**ND(0.89) J**	NS
Hexachloropropene	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
Indeno(1,2,3-cd)pyrene	NS	ND(1.2)	ND(0.90)	ND(0.89)	NS
Isodrin	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
Isophorone	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
Isosafrole	NS	ND(1.2)	ND(0.90)	ND(0.89)	NS
Methapyrilene	NS	**ND(3.1) J**	**ND(2.3) J**	ND(2.2)	NS
Methyl Methanesulfonate	NS	ND(0.60)	**ND(0.45) J**	ND(0.44)	NS
Naphthalene	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
Nitrobenzene	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
N-Nitrosodiethylamine	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
N-Nitrosodimethylamine	NS	ND(1.2)	ND(2.2)	**ND(0.89) J**	NS
N-Nitroso-di-n-butylamine	NS	**ND(1.2) J**	**ND(0.90) J**	ND(0.89)	NS
N-Nitroso-di-n-propylamine	NS	ND(1.2)	**ND(0.90) J**	ND(0.89)	NS
N-Nitrosodiphenylamine	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
N-Nitrosomethylethylamine	NS	ND(1.2)	ND(0.90)	ND(0.89)	NS
N-Nitrosomorpholine	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
N-Nitrosopiperidine	NS	ND(0.60)	**ND(0.45) J**	ND(0.44)	NS
N-Nitrosopyrrolidine	NS	ND(1.2)	ND(0.90)	ND(0.89)	NS
o,o,o-Triethylphosphorothioate	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
o-Toluidine	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
p-Dimethylaminoazobenzene	NS	ND(3.1)	ND(2.3)	ND(2.2)	NS
Pentachlorobenzene	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
Pentachloroethane	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
Pentachloronitrobenzene	NS	**ND(3.1) J**	**ND(2.3) J**	**ND(2.2) J**	NS
Pentachlorophenol	NS	ND(3.1)	ND(2.3)	ND(2.2)	NS
Phenacetin	NS	ND(3.1)	ND(2.3)	ND(2.2)	NS
Phenanthrene	NS	ND(0.60)	1.4	ND(0.44)	NS
Phenol	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
Pronamide	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
Pyrene	NS	ND(0.60)	1.8	ND(0.44)	NS
Pyridine	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
Safrole	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS
Thionazin	NS	ND(0.60)	ND(0.45)	ND(0.44)	NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: Sample ID: Sample Depth(Feet): Parameter Date Collected:	40s Complex RAA1-11 2-4 01/05/01	40s Complex RAA1-12 0-1 12/19/00	40s Complex RAA1-13 0-1 12/21/00	40s Complex RAA1-14 1-6 12/18/00	40s Complex RAA1-14 2-4 12/19/00
Furans					
2,3,7,8-TCDF	NS	0.0000016	0.0000046	0.00000069	NS
TCDFs (total)	NS	0.000010	0.000044	0.000014	NS
1,2,3,7,8-PeCDF	NS	0.00000066 J	0.0000046	0.00000028 J	NS
2,3,4,7,8-PeCDF	NS	0.0000021 J	0.0000046	0.0000021	NS
PeCDFs (total)	NS	0.000020	0.000046	0.000019	NS
1,2,3,4,7,8-HxCDF	NS	0.0000018 J	0.0000095	0.00000053 J	NS
1,2,3,6,7,8-HxCDF	NS	0.0000012 J	0.0000047	0.00000054 J	NS
1,2,3,7,8,9-HxCDF	NS	0.00000029 J	0.0000031	ND(0.00000010)	NS
2,3,4,6,7,8-HxCDF	NS	0.0000023	0.0000040	0.0000014 J	NS
HxCDFs (total)	NS	0.000031	0.000045	0.000018	NS
1,2,3,4,6,7,8-HpCDF	NS	0.000015	0.000017	0.0000053	NS
1,2,3,4,7,8,9-HpCDF	NS	0.00000070 J	0.0000057	0.00000026 J	NS
HpCDFs (total)	NS	0.000028	0.000033	0.000010	NS
OCDF	NS	0.0000078	0.000038	0.0000032 w	NS
Total Furans	NS	0.000097	0.00021	0.000064	NS
Dioxins					
2,3,7,8-TCDD	NS	ND(0.000000066)	0.00000024 w	ND(0.000000055)	NS
TCDDs (total)	NS	0.00000026	0.0000033	ND(0.00000028)	NS
1,2,3,7,8-PeCDD	NS	0.00000027 w	0.00000042 J	0.000000073 w	NS
PeCDDs (total)	NS	0.00000070	0.0000051	ND(0.00000042)	NS
1,2,3,4,7,8-HxCDD	NS	0.00000014 J	0.00000029 J	ND(0.000000056)	NS
1,2,3,6,7,8-HxCDD	NS	0.00000068 J	0.00000060 J	0.00000018 w	NS
1,2,3,7,8,9-HxCDD	NS	0.00000028 J	0.00000042 J	0.00000010 w	NS
HxCDDs (total)	NS	0.0000055	0.0000057	0.00000080	NS
1,2,3,4,6,7,8-HpCDD	NS	0.000017	0.0000036	0.0000021	NS
HpCDDs (total)	NS	0.000030	0.0000067	0.0000039	NS
OCDD	NS	0.00015	0.0000075	0.000019	NS
Total Dioxins	NS	0.00019	0.000028	0.000024	NS
WHO TEF	NS	0.0000026	0.0000062	0.0000016	NS
Inorganics					
Antimony	NS	ND(16.0)	**ND(12.0) J**	ND(12.0)	NS
Arsenic	NS	ND(27.0)	**23.0 J**	ND(20.0)	NS
Barium	NS	55.0	**77.0 J**	ND(40.0)	NS
Beryllium	NS	0.440	**ND(0.200) J**	ND(0.200)	NS
Cadmium	NS	ND(2.70)	**ND(2.00) J**	ND(2.00)	NS
Chromium	NS	27.0	15.0	12.0	NS
Cobalt	NS	ND(14.0)	**ND(10.0) J**	13.0	NS
Copper	NS	37.0	260	44.0	NS
Cyanide	NS	ND(1.00)	ND(1.00)	ND(1.00)	NS
Lead	NS	46.0	1700	42.0	NS
Mercury	NS	ND(0.360)	ND(0.270)	ND(0.260)	NS
Nickel	NS	17.0	49.0	28.0	NS
Selenium	NS	ND(1.40)	ND(1.00)	ND(0.990)	NS
Silver	NS	ND(1.40)	**ND(1.00) J**	ND(0.990)	NS
Sulfide	NS	ND(9.00)	8.50	ND(6.60)	NS
Thallium	NS	**ND(2.70) J**	**ND(2.00) J**	**ND(2.00) J**	NS
Tin	NS	ND(81.0)	1300	ND(60.0)	NS
Vanadium	NS	ND(14.0)	**ND(10.0) J**	ND(9.90)	NS
Zinc	NS	87.0	2000	200	NS

TABLE 2-2

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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
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(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	40s Complex RAA1-15 1-6 12/29/00	40s Complex RAA1-15 4-6 12/29/00	40s Complex RAA1-16 0-1 01/05/01	40s Complex RAA1-17 1-6 12/21/00	40s Complex RAA1-17 4-6 12/21/00	40s Complex RF-4 6-15 12/19/00
Volatile Organics						
1,1,1,2-Tetrachloroethane	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
1,1,1-Trichloroethane	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
1,1,2,2-Tetrachloroethane	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
1,1,2-Trichloroethane	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
1,1-Dichloroethane	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
1,1-Dichloroethene	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
1,2,3-Trichloropropane	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
1,2-Dibromo-3-chloropropane	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
1,2-Dibromoethane	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
1,2-Dichloroethane	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
1,2-Dichloropropane	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
1,4-Dioxane	NS	**ND(0.20) J**	**ND(0.20) J**	NS	**ND(0.20) J**	NS
2-Butanone	NS	ND(0.10)	ND(0.10)	NS	ND(0.10)	NS
2-Chloro-1,3-butadiene	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
2-Chloroethylvinylether	NS	ND(0.0068)	**ND(0.0072) J**	NS	ND(0.0066)	NS
2-Hexanone	NS	ND(0.014)	ND(0.014)	NS	**ND(0.013) J**	NS
3-Chloropropene	NS	ND(0.014)	ND(0.014)	NS	ND(0.013)	NS
4-Methyl-2-pentanone	NS	ND(0.014)	**ND(0.014) J**	NS	**ND(0.013) J**	NS
Acetone	NS	ND(0.10)	ND(0.10)	NS	ND(0.10)	NS
Acetonitrile	NS	ND(0.14)	**ND(0.14) J**	NS	ND(0.13)	NS
Acrolein	NS	**ND(0.14) J**	**ND(0.14) J**	NS	**ND(0.13) J**	NS
Acrylonitrile	NS	ND(0.014)	ND(0.014)	NS	ND(0.013)	NS
Benzene	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
Bromodichloromethane	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
Bromoform	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
Bromomethane	NS	ND(0.014)	ND(0.014)	NS	ND(0.013)	NS
Carbon Disulfide	NS	ND(0.010)	ND(0.010)	NS	ND(0.010)	NS
Carbon Tetrachloride	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
Chlorobenzene	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
Chloroethane	NS	ND(0.014)	ND(0.014)	NS	ND(0.013)	NS
Chloroform	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
Chloromethane	NS	ND(0.014)	**ND(0.014) J**	NS	**ND(0.013) J**	NS
cis-1,3-Dichloropropene	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
Dibromochloromethane	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
Dibromomethane	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
Dichlorodifluoromethane	NS	ND(0.014)	ND(0.014)	NS	ND(0.013)	NS
Ethyl Methacrylate	NS	ND(0.014)	ND(0.014)	NS	ND(0.013)	NS
Ethylbenzene	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
Iodomethane	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
Isobutanol	NS	**ND(0.27) J**	**ND(0.29) J**	NS	**ND(0.26) J**	NS
Methacrylonitrile	NS	ND(0.014)	ND(0.014)	NS	ND(0.013)	NS
Methyl Methacrylate	NS	ND(0.014)	ND(0.014)	NS	ND(0.013)	NS
Methylene Chloride	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
Propionitrile	NS	**ND(0.068) J**	**ND(0.072) J**	NS	**ND(0.066) J**	NS
Styrene	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
Tetrachloroethene	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
Toluene	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
trans-1,2-Dichloroethene	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
trans-1,3-Dichloropropene	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
trans-1,4-Dichloro-2-butene	NS	ND(0.014)	ND(0.014)	NS	ND(0.013)	NS
Trichloroethene	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS
Trichlorofluoromethane	NS	ND(0.0068)	**ND(0.0072) J**	NS	ND(0.0066)	NS
Vinyl Acetate	NS	ND(0.014)	ND(0.014)	NS	ND(0.013)	NS
Vinyl Chloride	NS	ND(0.014)	ND(0.014)	NS	ND(0.013)	NS
Xylenes (total)	NS	ND(0.0068)	ND(0.0072)	NS	ND(0.0066)	NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	40s Complex RAA1-15 1-6 12/29/00	40s Complex RAA1-15 4-6 12/29/00	40s Complex RAA1-16 0-1 01/05/01	40s Complex RAA1-17 1-6 12/21/00	40s Complex RAA1-17 4-6 12/21/00	40s Complex RF-4 6-15 12/19/00
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
1,2,4-Trichlorobenzene	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
1,2-Dichlorobenzene	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
1,2-Diphenylhydrazine	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
1,3,5-Trinitrobenzene	ND(0.90)	NS	ND(1.4)	ND(0.86)	NS	**ND(0.84) J**
1,3-Dichlorobenzene	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
1,3-Dinitrobenzene	ND(2.3)	NS	ND(3.4)	ND(2.2)	NS	ND(2.1)
1,4-Dichlorobenzene	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
1,4-Naphthoquinone	ND(2.3)	NS	ND(3.4)	**ND(2.2) J**	NS	ND(2.1)
1-Naphthylamine	ND(2.3)	NS	**ND(3.4) J**	ND(2.2)	NS	ND(2.1)
2,3,4,6-Tetrachlorophenol	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
2,4,5-Trichlorophenol	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
2,4,6-Trichlorophenol	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
2,4-Dichlorophenol	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
2,4-Dimethylphenol	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
2,4-Dinitrophenol	ND(2.3)	NS	ND(3.4)	ND(2.2)	NS	ND(2.1)
2,4-Dinitrotoluene	ND(2.3)	NS	ND(3.4)	ND(2.2)	NS	ND(2.1)
2,6-Dichlorophenol	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
2,6-Dinitrotoluene	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
2-Acetylaminofluorene	ND(0.90)	NS	ND(1.4)	ND(0.86)	NS	ND(0.84)
2-Chloronaphthalene	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
2-Chlorophenol	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
2-Methylnaphthalene	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
2-Methylphenol	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
2-Naphthylamine	ND(2.3)	NS	ND(3.4)	ND(2.2)	NS	ND(2.1)
2-Nitroaniline	ND(2.3)	NS	ND(3.4)	ND(2.2)	NS	ND(2.1)
2-Nitrophenol	ND(0.90)	NS	ND(1.4)	ND(0.86)	NS	ND(0.84)
2-Picoline	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
3&4-Methylphenol	ND(0.90)	NS	ND(1.4)	ND(0.86)	NS	ND(0.84)
3,3'-Dichlorobenzidine	**ND(2.3) J**	NS	ND(3.4)	ND(2.2)	NS	ND(2.1)
3,3'-Dimethylbenzidine	**ND(2.3) J**	NS	ND(3.4)	ND(2.2)	NS	ND(2.1)
3-Methylcholanthrene	ND(0.90)	NS	ND(1.4)	ND(0.86)	NS	ND(0.84)
3-Nitroaniline	ND(2.3)	NS	ND(3.4)	ND(2.2)	NS	ND(2.1)
4,6-Dinitro-2-methylphenol	**ND(0.45) J**	NS	**ND(0.68) J**	**ND(0.43) J**	NS	ND(0.42)
4-Aminobiphenyl	ND(0.90)	NS	ND(1.4)	ND(0.86)	NS	ND(0.84)
4-Bromophenyl-phenylether	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
4-Chloro-3-Methylphenol	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
4-Chloroaniline	ND(0.90)	NS	ND(1.4)	ND(0.86)	NS	ND(0.84)
4-Chlorobenzilate	ND(2.3)	NS	ND(3.4)	ND(2.2)	NS	ND(2.1)
4-Chlorophenyl-phenylether	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
4-Nitroaniline	ND(2.3)	NS	ND(3.4)	ND(2.2)	NS	ND(2.1)
4-Nitrophenol	ND(2.3)	NS	ND(3.4)	ND(2.2)	NS	**ND(2.1) J**
4-Nitroquinoline-1-oxide	ND(2.3)	NS	**ND(3.4) J**	**ND(2.2) J**	NS	ND(2.1)
4-Phenylenediamine	ND(2.3)	NS	**ND(3.4) J**	ND(2.2)	NS	ND(2.1)
5-Nitro-o-toluidine	ND(2.3)	NS	ND(3.4)	ND(2.2)	NS	ND(2.1)
7,12-Dimethylbenz(a)anthracene	ND(0.90)	NS	ND(1.4)	ND(0.86)	NS	**ND(0.84) J**
a,a'-Dimethylphenethylamine	ND(2.3)	NS	ND(3.4)	ND(2.2)	NS	ND(2.1)
Acenaphthene	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Acenaphthylene	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Acetophenone	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Aniline	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Anthracene	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Aramite	**ND(0.90) J**	NS	**ND(1.4) J**	**ND(0.86) J**	NS	ND(0.84)
Benzidine	**ND(0.90) J**	NS	**ND(1.4) J**	ND(0.86)	NS	**ND(0.84) J**
Benzo(a)anthracene	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Benzo(a)pyrene	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Benzo(b)fluoranthene	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Benzo(g,h,i)perylene	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Benzo(k)fluoranthene	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	40s Complex RAA1-15 1-6 12/29/00	40s Complex RAA1-15 4-6 12/29/00	40s Complex RAA1-16 0-1 01/05/01	40s Complex RAA1-17 1-6 12/21/00	40s Complex RAA1-17 4-6 12/21/00	40s Complex RF-4 6-15 12/19/00
Semivolatile Organics (continued)						
Benzyl Alcohol	ND(0.90)	NS	ND(1.4)	ND(0.86)	NS	ND(0.84)
bis(2-Chloroethoxy)methane	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
bis(2-Chloroethyl)ether	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
bis(2-Chloroisopropyl)ether	**ND(0.45) J**	NS	ND(0.68)	**ND(0.43) J**	NS	ND(0.42)
bis(2-Ethylhexyl)phthalate	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Butylbenzylphthalate	ND(0.90)	NS	1.6	ND(0.86)	NS	ND(0.84)
Chrysene	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Diallate	ND(0.90)	NS	ND(1.4)	ND(0.86)	NS	ND(0.84)
Dibenzo(a,h)anthracene	ND(0.90)	NS	ND(1.4)	ND(0.86)	NS	**ND(0.84) J**
Dibenzofuran	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Diethylphthalate	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Dimethylphthalate	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Di-n-Butylphthalate	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Di-n-Octylphthalate	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Diphenylamine	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Ethyl Methanesulfonate	ND(0.45)	NS	ND(0.68)	**ND(0.43) J**	NS	ND(0.42)
Fluoranthene	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Fluorene	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Hexachlorobenzene	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Hexachlorobutadiene	ND(0.90)	NS	ND(1.4)	ND(0.86)	NS	ND(0.84)
Hexachlorocyclopentadiene	ND(0.45)	NS	**ND(0.68) J**	**ND(0.43) J**	NS	ND(0.42)
Hexachloroethane	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Hexachlorophene	**ND(0.90) J**	NS	**ND(1.4) J**	**ND(0.86) J**	NS	**ND(0.84) J**
Hexachloropropene	ND(0.45)	NS	**ND(0.68) J**	ND(0.43)	NS	ND(0.42)
Indeno(1,2,3-cd)pyrene	ND(0.90)	NS	ND(1.4)	ND(0.86)	NS	ND(0.84)
Isodrin	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Isophorone	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Isosafrole	ND(0.90)	NS	ND(1.4)	ND(0.86)	NS	ND(0.84)
Methapyrilene	**ND(2.3) J**	NS	ND(3.4)	**ND(2.2) J**	NS	**ND(2.1) J**
Methyl Methanesulfonate	ND(0.45)	NS	ND(0.68)	**ND(0.43) J**	NS	ND(0.42)
Naphthalene	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Nitrobenzene	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
N-Nitrosodiethylamine	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
N-Nitrosodimethylamine	ND(2.2)	NS	ND(3.4)	ND(2.1)	NS	ND(0.84)
N-Nitroso-di-n-butylamine	ND(0.90)	NS	ND(1.4)	**ND(0.86) J**	NS	**ND(0.84) J**
N-Nitroso-di-n-propylamine	**ND(0.90) J**	NS	ND(1.4)	**ND(0.86) J**	NS	ND(0.84)
N-Nitrosodiphenylamine	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
N-Nitrosomethylethylamine	ND(0.90)	NS	ND(0.96)	ND(0.86)	NS	ND(0.84)
N-Nitrosomorpholine	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
N-Nitrosopiperidine	ND(0.45)	NS	ND(0.68)	**ND(0.43) J**	NS	ND(0.42)
N-Nitrosopyrrolidine	ND(0.90)	NS	ND(1.4)	ND(0.86)	NS	ND(0.84)
o,o,o-Triethylphosphorothioate	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
o-Toluidine	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
p-Dimethylaminoazobenzene	ND(2.3)	NS	ND(3.4)	ND(2.2)	NS	ND(2.1)
Pentachlorobenzene	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Pentachloroethane	**ND(0.45) J**	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Pentachloronitrobenzene	ND(2.3)	NS	ND(3.4)	**ND(2.2) J**	NS	**ND(2.1) J**
Pentachlorophenol	ND(2.3)	NS	ND(3.4)	ND(2.2)	NS	ND(2.1)
Phenacetin	ND(2.3)	NS	ND(3.4)	ND(2.2)	NS	ND(2.1)
Phenanthrene	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Phenol	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Pronamide	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Pyrene	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Pyridine	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Safrole	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)
Thionazin	ND(0.45)	NS	ND(0.68)	ND(0.43)	NS	ND(0.42)

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	40s Complex RAA1-15 1-6 12/29/00	40s Complex RAA1-15 4-6 12/29/00	40s Complex RAA1-16 0-1 01/05/01	40s Complex RAA1-17 1-6 12/21/00	40s Complex RAA1-17 4-6 12/21/00	40s Complex RF-4 6-15 12/19/00
Furans						
2,3,7,8-TCDF	0.00000020 w	NS	ND(0.000000078)	ND(0.000000049)	NS	ND(0.000000053)
TCDFs (total)	0.0000033	NS	ND(0.000000078)	ND(0.000000049)	NS	ND(0.000000053)
1,2,3,7,8-PeCDF	0.00000011 J	NS	0.000000087 w	ND(0.000000029)	NS	ND(0.000000026)
2,3,4,7,8-PeCDF	0.00000026 J	NS	0.00000015 J	ND(0.000000028)	NS	ND(0.000000025)
PeCDFs (total)	0.0000017	NS	0.00000070	ND(0.000000029)	NS	ND(0.000000050)
1,2,3,4,7,8-HxCDF	0.00000020 J	NS	0.00000014 w	0.000000032 w	NS	ND(0.000000029)
1,2,3,6,7,8-HxCDF	0.00000020 J	NS	0.00000011 w	0.000000069 J	NS	0.000000040 w
1,2,3,7,8,9-HxCDF	ND(0.000000072)	NS	ND(0.000000084)	ND(0.000000045)	NS	ND(0.000000034)
2,3,4,6,7,8-HxCDF	0.00000024 J	NS	0.00000012 J	ND(0.000000041)	NS	ND(0.000000031)
HxCDFs (total)	0.0000015	NS	0.0000013	0.000000069	NS	ND(0.000000076)
1,2,3,4,6,7,8-HpCDF	**ND(0.00000056)**	NS	**ND(0.00000023)**	ND(0.00000011)	NS	ND(0.000000051)
1,2,3,4,7,8,9-HpCDF	ND(0.000000055)	NS	ND(0.00000011)	ND(0.00000014)	NS	ND(0.000000063)
HpCDFs (total)	**ND(0.00000056)**	NS	0.00000052	ND(0.00000012)	NS	ND(0.000000056)
OCDF	**ND(0.00000016)**	NS	0.00000026 w	ND(0.00000012)	NS	ND(0.000000071)
Total Furans	0.0000065	NS	0.0000028	0.000000069	NS	ND(0.000000076)
Dioxins						
2,3,7,8-TCDD	ND(0.000000097)	NS	ND(0.00000011)	ND(0.000000066)	NS	ND(0.000000075)
TCDDs (total)	ND(0.00000027)	NS	ND(0.00000035)	ND(0.00000032)	NS	ND(0.00000031)
1,2,3,7,8-PeCDD	ND(0.000000059)	NS	ND(0.000000075)	ND(0.000000054)	NS	ND(0.000000041)
PeCDDs (total)	ND(0.00000043)	NS	ND(0.00000043)	ND(0.00000043)	NS	ND(0.00000039)
1,2,3,4,7,8-HxCDD	ND(0.000000064)	NS	ND(0.000000096)	ND(0.000000058)	NS	ND(0.000000042)
1,2,3,6,7,8-HxCDD	ND(0.000000067)	NS	ND(0.00000010)	ND(0.000000062)	NS	ND(0.000000044)
1,2,3,7,8,9-HxCDD	ND(0.000000060)	NS	ND(0.000000091)	ND(0.000000055)	NS	ND(0.000000039)
HxCDDs (total)	0.00000012	NS	ND(0.00000052)	ND(0.00000050)	NS	ND(0.00000042)
1,2,3,4,6,7,8-HpCDD	**ND(0.00000042)**	NS	**ND(0.00000058)**	**ND(0.00000019)**	NS	**ND(0.00000012)**
HpCDDs (total)	**ND(0.00000067)**	NS	0.00000058	**ND(0.00000019)**	NS	**ND(0.00000012)**
OCDD	**ND(0.0000015)**	NS	**ND(0.000004)**	**ND(0.00000066)**	NS	**ND(0.00000046)**
Total Dioxins	0.00000012	NS	0.00000058	ND(0.00000066)	NS	ND(0.00000046)
WHO TEF	0.00000032	NS	0.00000024	0.000000096	NS	0.000000084
Inorganics						
Antimony	ND(12.0)	NS	**ND(13.0) J**	**ND(12.0) J**	NS	ND(11.0)
Arsenic	ND(15.0)	NS	ND(22.0)	**ND(19.0) J**	NS	ND(19.0)
Barium	48.0	NS	ND(43.0)	**ND(38.0) J**	NS	ND(38.0)
Beryllium	0.300	NS	0.280	**ND(0.190) J**	NS	0.190
Cadmium	ND(2.00)	NS	ND(2.20)	**ND(1.90) J**	NS	ND(1.90)
Chromium	14.0	NS	9.90	**7.00 J**	NS	12.0
Cobalt	14.0	NS	140	**ND(9.60) J**	NS	16.0
Copper	420	NS	22.0	**26.0 J**	NS	39.0
Cyanide	ND(2.70)	NS	ND(1.00)	ND(1.00)	NS	ND(1.00)
Lead	300	NS	28.0	8.00	NS	9.80
Mercury	ND(0.270)	NS	ND(0.290)	ND(0.260)	NS	ND(0.250)
Nickel	23.0	NS	44.0	**13.0 J**	NS	26.0
Selenium	ND(1.00)	NS	**ND(1.1) J**	ND(0.960)	NS	ND(0.950)
Silver	ND(1.00)	NS	ND(1.10)	**ND(0.960) J**	NS	ND(0.950)
Sulfide	ND(6.80)	NS	ND(7.20)	16.0	NS	8.00
Thallium	ND(2.00)	NS	**ND(2.2) J**	**ND(1.90) J**	NS	**ND(1.90) J**
Tin	65.0	NS	ND(65.0)	**ND(58.0) J**	NS	ND(57.0)
Vanadium	ND(10.0)	NS	12.0	**ND(9.60) J**	NS	ND(9.50)
Zinc	140	NS	220	36.0	NS	70.0

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	40s Complex / RF-4 / 8-10 / 12/19/00
Volatile Organics		
1,1,1,2-Tetrachloroethane		ND(0.0081)
1,1,1-Trichloroethane		ND(0.0081)
1,1,2,2-Tetrachloroethane		ND(0.0081)
1,1,2-Trichloroethane		ND(0.0081)
1,1-Dichloroethane		ND(0.0081)
1,1-Dichloroethene		ND(0.0081)
1,2,3-Trichloropropane		ND(0.0081)
1,2-Dibromo-3-chloropropane		ND(0.0081)
1,2-Dibromoethane		ND(0.0081)
1,2-Dichloroethane		ND(0.0081)
1,2-Dichloropropane		ND(0.0081)
1,4-Dioxane		**ND(0.20) J**
2-Butanone		ND(0.10)
2-Chloro-1,3-butadiene		ND(0.0081)
2-Chloroethylvinylether		**ND(0.0081) J**
2-Hexanone		ND(0.016)
3-Chloropropene		ND(0.016)
4-Methyl-2-pentanone		ND(0.016)
Acetone		ND(0.10)
Acetonitrile		ND(0.16)
Acrolein		**ND(0.16) J**
Acrylonitrile		ND(0.016)
Benzene		ND(0.0081)
Bromodichloromethane		ND(0.0081)
Bromoform		ND(0.0081)
Bromomethane		ND(0.016)
Carbon Disulfide		ND(0.010)
Carbon Tetrachloride		ND(0.0081)
Chlorobenzene		ND(0.0081)
Chloroethane		ND(0.016)
Chloroform		ND(0.0081)
Chloromethane		ND(0.016)
cis-1,3-Dichloropropene		ND(0.0081)
Dibromochloromethane		ND(0.0081)
Dibromomethane		ND(0.0081)
Dichlorodifluoromethane		ND(0.016)
Ethyl Methacrylate		ND(0.016)
Ethylbenzene		ND(0.0081)
Iodomethane		ND(0.0081)
Isobutanol		**ND(0.32) J**
Methacrylonitrile		ND(0.016)
Methyl Methacrylate		ND(0.016)
Methylene Chloride		ND(0.0081)
Propionitrile		**ND(0.081) J**
Styrene		ND(0.0081)
Tetrachloroethene		ND(0.0081)
Toluene		ND(0.0081)
trans-1,2-Dichloroethene		ND(0.0081)
trans-1,3-Dichloropropene		ND(0.0081)
trans-1,4-Dichloro-2-butene		ND(0.016)
Trichloroethene		ND(0.0081)
Trichlorofluoromethane		ND(0.0081)
Vinyl Acetate		ND(0.016)
Vinyl Chloride		ND(0.016)
Xylenes (total)		ND(0.0081)

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	40s Complex / RF-4 / 8-10 / 12/19/00
Semivolatile Organics		
1,2,4,5-Tetrachlorobenzene		NS
1,2,4-Trichlorobenzene		NS
1,2-Dichlorobenzene		NS
1,2-Diphenylhydrazine		NS
1,3,5-Trinitrobenzene		NS
1,3-Dichlorobenzene		NS
1,3-Dinitrobenzene		NS
1,4-Dichlorobenzene		NS
1,4-Naphthoquinone		NS
1-Naphthylamine		NS
2,3,4,6-Tetrachlorophenol		NS
2,4,5-Trichlorophenol		NS
2,4,6-Trichlorophenol		NS
2,4-Dichlorophenol		NS
2,4-Dimethylphenol		NS
2,4-Dinitrophenol		NS
2,4-Dinitrotoluene		NS
2,6-Dichlorophenol		NS
2,6-Dinitrotoluene		NS
2-Acetylaminofluorene		NS
2-Chloronaphthalene		NS
2-Chlorophenol		NS
2-Methylnaphthalene		NS
2-Methylphenol		NS
2-Naphthylamine		NS
2-Nitroaniline		NS
2-Nitrophenol		NS
2-Picoline		NS
3&4-Methylphenol		NS
3,3'-Dichlorobenzidine		NS
3,3'-Dimethylbenzidine		NS
3-Methylcholanthrene		NS
3-Nitroaniline		NS
4,6-Dinitro-2-methylphenol		NS
4-Aminobiphenyl		NS
4-Bromophenyl-phenylether		NS
4-Chloro-3-Methylphenol		NS
4-Chloroaniline		NS
4-Chlorobenzilate		NS
4-Chlorophenyl-phenylether		NS
4-Nitroaniline		NS
4-Nitrophenol		NS
4-Nitroquinoline-1-oxide		NS
4-Phenylenediamine		NS
5-Nitro-o-toluidine		NS
7,12-Dimethylbenz(a)anthracene		NS
a,a'-Dimethylphenethylamine		NS
Acenaphthene		NS
Acenaphthylene		NS
Acetophenone		NS
Aniline		NS
Anthracene		NS
Aramite		NS
Benzidine		NS
Benzo(a)anthracene		NS
Benzo(a)pyrene		NS
Benzo(b)fluoranthene		NS
Benzo(g,h,i)perylene		NS
Benzo(k)fluoranthene		NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	40s Complex / RF-4 / 8-10 / 12/19/00
Semivolatile Organics (continued)		
Benzyl Alcohol		NS
bis(2-Chloroethoxy)methane		NS
bis(2-Chloroethyl)ether		NS
bis(2-Chloroisopropyl)ether		NS
bis(2-Ethylhexyl)phthalate		NS
Butylbenzylphthalate		NS
Chrysene		NS
Diallate		NS
Dibenzo(a,h)anthracene		NS
Dibenzofuran		NS
Diethylphthalate		NS
Dimethylphthalate		NS
Di-n-Butylphthalate		NS
Di-n-Octylphthalate		NS
Diphenylamine		NS
Ethyl Methanesulfonate		NS
Fluoranthene		NS
Fluorene		NS
Hexachlorobenzene		NS
Hexachlorobutadiene		NS
Hexachlorocyclopentadiene		NS
Hexachloroethane		NS
Hexachlorophene		NS
Hexachloropropene		NS
Indeno(1,2,3-cd)pyrene		NS
Isodrin		NS
Isophorone		NS
Isosafrole		NS
Methapyrilene		NS
Methyl Methanesulfonate		NS
Naphthalene		NS
Nitrobenzene		NS
N-Nitrosodiethylamine		NS
N-Nitrosodimethylamine		NS
N-Nitroso-di-n-butylamine		NS
N-Nitroso-di-n-propylamine		NS
N-Nitrosodiphenylamine		NS
N-Nitrosomethylethylamine		NS
N-Nitrosomorpholine		NS
N-Nitrosopiperidine		NS
N-Nitrosopyrrolidine		NS
o,o,o-Triethylphosphorothioate		NS
o-Toluidine		NS
p-Dimethylaminoazobenzene		NS
Pentachlorobenzene		NS
Pentachloroethane		NS
Pentachloronitrobenzene		NS
Pentachlorophenol		NS
Phenacetin		NS
Phenanthrene		NS
Phenol		NS
Pronamide		NS
Pyrene		NS
Pyridine		NS
Safrole		NS
Thionazin		NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	40s Complex / RF-4 / 8-10 / 12/19/00
Furans		
2,3,7,8-TCDF		NS
TCDFs (total)		NS
1,2,3,7,8-PeCDF		NS
2,3,4,7,8-PeCDF		NS
PeCDFs (total)		NS
1,2,3,4,7,8-HxCDF		NS
1,2,3,6,7,8-HxCDF		NS
1,2,3,7,8,9-HxCDF		NS
2,3,4,6,7,8-HxCDF		NS
HxCDFs (total)		NS
1,2,3,4,6,7,8-HpCDF		NS
1,2,3,4,7,8,9-HpCDF		NS
HpCDFs (total)		NS
OCDF		NS
Total Furans		NS
Dioxins		
2,3,7,8-TCDD		NS
TCDDs (total)		NS
1,2,3,7,8-PeCDD		NS
PeCDDs (total)		NS
1,2,3,4,7,8-HxCDD		NS
1,2,3,6,7,8-HxCDD		NS
1,2,3,7,8,9-HxCDD		NS
HxCDDs (total)		NS
1,2,3,4,6,7,8-HpCDD		NS
HpCDDs (total)		NS
OCDD		NS
Total Dioxins		NS
WHO TEF		NS
Inorganics		
Antimony		NS
Arsenic		NS
Barium		NS
Beryllium		NS
Cadmium		NS
Chromium		NS
Cobalt		NS
Copper		NS
Cyanide		NS
Lead		NS
Mercury		NS
Nickel		NS
Selenium		NS
Silver		NS
Sulfide		NS
Thallium		NS
Tin		NS
Vanadium		NS
Zinc		NS

TABLE 2-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
PRE-DESIGN INVESTIGATION AND PEDA-REQUESTED SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results in ppm dry weight)

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of Appendix IX+3 constituents (excluding herbicides and pesticides).
2. Data validation has been performed on data set as per Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved October 17, 2000). For a more comprehensive explanation of qualified sample results please reference Appendix A.
3. ND - Analyte was not detected. The number in parentheses is the associated quantitation limit for volatiles and semivolatiles and the associated detection limit for other constituents.
4. NS - Not Sampled - Parameter was not requested on sample chain of custody form.
5. J - Indicates an estimated value less than the practical quantitation limit (PQL).
6. J** - Indicates an estimated value between the lower calibration limit and the target detection limit.
7. B - Analyte was also detected in the associated method blank.
8. Duplicate sample results are presented in brackets.
9. w - Estimated maximum possible concentration.
10. g - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.
11. I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
12. J - The compound or analyte was positively identified, but the associated numerical value is an estimated concentration. This qualifier is used when the data evaluation procedure identifies a deficiency in the data generation process.
13. 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 shall not be used for any qualitative or quantitative purposes.
14. Total dioxins/furans determined as the sum of the total homolog concentrations; non-detect values considered as zero.
15. 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.

TABLE 2-3

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
HISTORICAL SOIL SAMPLING RESULTS FOR PCBs

(Results in ppm dry weight)

Sample Location	Sample ID	Depth(Feet)	Date Collected	Aroclor-1221	Aroclor-1016, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
20s Complex								
95-10	210B0002	0-2	3/7/96	ND(0.081)	ND(0.040)	ND(0.040)	0.77	0.77
	210B0204	2-4	3/7/96	ND(0.084)	ND(0.042)	ND(0.042)	0.029 J	0.029 J
	210B0406	4-6	3/7/96	ND(0.079)	ND(0.039)	ND(0.039)	0.17	0.17
	210B0608	6-8	3/7/96	ND(0.087)	ND(0.043)	ND(0.043)	0.032 J	0.032 J
	210B0810	8-10	3/7/96	ND(0.084)	ND(0.041)	ND(0.041)	0.058	0.058
	210B1012	10-12	3/7/96	ND(4.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(4.0)
	210B1214	12-14	3/7/96	ND(0.39)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.39)
	210B1416	14-16	3/7/96	ND(0.078)	ND(0.038)	ND(0.038)	12	12
95-11	211B0002	0-2	3/6/96	ND(0.19)	ND(0.19)	ND(0.19)	38	38
	211B0204	2-4	3/6/96	ND(1.8)	ND(1.8)	ND(1.8)	520	520
	211B0406	4-6	3/6/96	ND(0.37)	ND(0.18)	ND(0.18)	0.69	0.69
	211B0608	6-8	3/6/96	ND(0.074)	ND(0.036)	ND(0.036)	0.11	0.11
	211B0810	8-10	3/6/96	ND(0.081)	ND(0.040)	ND(0.040)	0.036 J	0.036 J
	211B1012	10-12	3/6/96	ND(0.083)	ND(0.041)	ND(0.041)	0.084	0.084
	211B1214	12-14	3/6/96	ND(0.078)	ND(0.038)	ND(0.038)	0.38	0.38
	211B1416	14-16	3/6/96	ND(0.074)	ND(0.036)	ND(0.036)	0.037	0.037
213S	213S0-6	0-0.5	9/17/97	ND(0.078)	ND(0.038)	ND(0.038)	0.13 PB	0.13
95-23	223B0002	0-2	3/7/96	ND(0.46)	ND(0.23)	ND(0.23)	3.0	3.0
	223B0204	2-4	3/7/96	ND(0.071)	ND(0.035)	ND(0.035)	0.058	0.058
	223B0406	4-6	3/7/96	ND(0.073)	ND(0.036)	ND(0.036)	0.042	0.042
	223B0608	6-8	3/7/96	ND(0.071)	ND(0.035)	ND(0.035)	0.034 J	0.034 J
	223B0810	8-10	3/7/96	ND(0.070) [ND(0.075)]	ND(0.035) [ND(0.037)]	ND(0.035) [ND(0.037)]	0.014 J [0.010 J]	0.014 J [0.010 J]
	223B1012	10-12	3/7/96	ND(0.070)	ND(0.034)	ND(0.034)	0.075	0.075
	223B1214	12-14	3/7/96	ND(1.6)	ND(0.77)	ND(0.77)	ND(0.77)	ND(1.6)
30s Complex								
SB-1	31-North-SB-1	0-2	5/28/98	ND(1.0) [ND(1.0)]	ND(1.0) [ND(1.0)]	ND(1.0) [ND(1.0)]	ND(1.0) [ND(1.0)]	ND(1.0) [ND(1.0)]
		2-4	5/28/98	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
		4-6	5/28/98	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
		6-8	5/28/98	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
		8-10	5/28/98	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
		10-12	5/28/98	ND(1.0)	ND(1.0)	1.3	1.2	2.5
		12-14	5/28/98	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
		14-16	5/28/98	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
SB-2	31-North-SB-2	0-2	5/28/98	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
		2-4	5/28/98	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
		4-6	5/28/98	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
		6-8	5/28/98	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
		8-10	5/28/98	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
		10-12	5/28/98	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
		12-14	5/28/98	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
		14-16	5/28/98	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
SB-3	31-North-SB-3	0-2	5/28/98	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
		2-4	5/28/98	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
		4-6	5/28/98	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
		6-8	5/28/98	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
		8-10	5/28/98	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
		10-12	5/28/98	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
		12-14	5/28/98	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
		14-16	5/28/98	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
212S	212S0-6	0-0.5	9/17/97	ND(0.16)	ND(0.078)	ND(0.078)	2.1 B	2.1
95-15	215B0002	0-2	2/21/96	ND(0.78)	ND(0.38)	ND(0.38)	2.3	2.3
	215B0204	2-4	2/21/96	ND(0.37)	ND(0.18)	ND(0.18)	1.8	1.8
	215B0406	4-6	2/21/96	ND(0.075)	ND(0.037)	ND(0.037)	1.4	1.4
95-16	216B0002	0-2	2/20/96	ND(0.072)	ND(0.036)	ND(0.036)	27	27
	216B0204	2-4	2/20/96	ND(0.076)	ND(0.038)	ND(0.038)	0.15	0.15
	216B0406	4-6	2/20/96	ND(0.097)	ND(0.048)	ND(0.048)	0.17	0.17
	216B0608	6-8	2/20/96	ND(0.089)	ND(0.044)	ND(0.044)	0.019 JP	0.019 J
	216B0810	8-10	2/20/96	ND(0.070)	ND(0.034)	ND(0.034)	0.12 JP	0.12 J
	216B1012	10-12	2/20/96	ND(0.070)	ND(0.034)	ND(0.034)	0.081	0.081
	216B1214	12-14	2/20/96	ND(0.070)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.070)
	216B1416	14-16	2/20/96	ND(0.075)	ND(0.037)	ND(0.037)	0.0088 JP	0.0088 J
RF-2	PG02B0002	0-2	10/22/91	ND(0.050)	ND(0.050)	0.10	0.19	0.29
	PG02B0204	2-4	10/22/91	ND(0.050)	ND(0.050)	0.16	0.13	0.29
	PG02B0406	4-6	10/22/91	ND(0.050)	ND(0.050)	ND(0.050)	0.080	0.080
	PG02B0608	6-8	10/22/91	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	PG02B0810	8-10	10/22/91	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	PG02B1012	10-12	10/22/91	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	PG02B1214	12-14	10/22/91	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	PG02B1416	14-16	10/22/91	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)

TABLE 2-3

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
HISTORICAL SOIL SAMPLING RESULTS FOR PCBs

(Results in ppm dry weight)

Sample Location	Sample ID	Depth(Feet)	Date Collected	Aroclor-1221	Aroclor-1016, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RF-3	PG03B0002	0-2	10/24/91	NA	ND(0.050)	ND(0.20)	ND(5.7)	ND(5.7)
	PG03B0204	2-4	10/24/91	NA	ND(0.050)	1.2	ND(0.13)	1.2
	PG03B0406	4-6	10/24/91	NA	ND(0.30)	6.8 *	25 *	31.8
	PG03B0608	6-8	10/24/91	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	PG03B0810	8-10	10/24/91	NA	ND(0.49)	ND(2.0)	12 *	12
	PG03B1012	10-12	10/24/91	NA	ND(0.11)	ND(0.40)	ND(8.8)	ND(8.8)
	PG03B1416	14-16	10/24/91	NA	ND(0.070)	ND(0.25)	3.1	3.1
RF-16	PG16B0002	0-2	10/21/91	ND(0.24)	ND(0.24)	ND(0.98)	15	15
	PG16B0204	2-4	10/21/91	ND(0.050)	ND(0.050)	0.26	0.66	0.92
	PG16B0406	4-6	10/21/91	ND(0.050)	ND(0.050)	ND(0.050)	0.93	0.93
	PG16B0608	6-8	10/21/91	ND(0.050)	ND(0.050)	ND(0.10)	0.77	0.77
	PG16B0810	8-10	10/21/91	ND(0.25)	ND(0.25)	ND(1.0)	15	15
	PG16B1012	10-12	10/21/91	ND(0.050)	ND(0.050)	ND(1.0)	1.3	1.3
	PG16B1214	12-14	10/21/91	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	PG16B1416	14-16	10/21/91	ND(0.050)	ND(0.050)	ND(0.22)	6.7	6.7
40s Complex								
95-17	217B0002	0-2	2/22/96	ND(0.076)	ND(0.037)	ND(0.037)	2.7	2.7
	217B0204	2-4	2/22/96	ND(0.080)	ND(0.039)	ND(0.039)	0.27	0.27
	217B0406	4-6	2/22/96	ND(0.070)	ND(0.034)	ND(0.034)	0.030 J	0.030 J
	217B0608	6-8	2/22/96	ND(0.070)	ND(0.035)	ND(0.035)	0.0049 JP	0.0049 J
	217B0810	8-10	2/22/96	ND(0.070)	ND(0.035)	ND(0.035)	0.062	0.062
	217B1012	10-12	2/22/96	ND(0.070)	ND(0.034)	ND(0.034)	0.012 JP	0.012 J
	217B1214	12-14	2/22/96	ND(0.071)	ND(0.035)	ND(0.035)	0.024 J	0.024 J
	217B1416	14-16	2/22/96	ND(0.072)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.072)
RF-4	PG04B0002	0-2	5/28/91	NA	ND(0.050)	0.23 *	0.050	0.28
	PG04B0204	2-4	5/28/91	NA	ND(0.050)	0.40	0.13	0.53
	PG04B0406	4-6	5/28/91	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	PG04B0608	6-8	5/28/91	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	PG04B0810	8-10	5/28/91	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	PG04B1012	10-12	5/28/91	ND(0.024) [ND(0.025)]	ND(0.024) [ND(0.025)]	0.25 [0.39]	0.14 [0.14]	0.39 [0.53]
	PG04B1012	10-12	5/28/91	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	PG04B1214	12-14	5/28/91	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	PG04B1416	14-16	5/29/91	NA	ND(0.050)	0.31	0.11	0.42

Notes:

1. Samples were submitted to CompuChem Environmental Corporation, Adirondack Environmental Services, Inc., and IT Analytical Services for analysis of PCBs.
2. P - The percent difference in the concentrations from two dissimilar GC columns was greater than 25 percent.
3. B - Indicates the analyte was also detected in the associated method blank.
4. J - Indicates an estimated value less than the practical quantitation limit (PQL).
5. * Sample exhibits alteration of standard aroclor pattern.
6. NA - Not Analyzed - Laboratory did not report results for this analyte.

TABLE 2-4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
HISTORICAL SOIL SAMPLING RESULTS FOR APPENDIX IX + 3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area:	20s Complex	20s Complex	20s Complex	30s Complex	30s Complex	30s Complex
Location ID:	95-10	212S	213S	95-15	95-17	RF-4
Sample ID:	210B1416	212S0-6	213S0-6	215B0608	217B1012	PG04B1012
Sample Depth(Feet):	14-16	0-0.5	0-0.5	6-8	10-12	10-12
Parameter Date Collected:	03/07/96	09/17/97	09/17/97	02/22/96	02/22/96	05/28/91
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.023)	ND(0.024)	ND(0.023)	ND(0.024)	ND(0.021)	NS
1,1,1-Trichloroethane	ND(0.023)	ND(0.024)	ND(0.023)	ND(0.024)	ND(0.021)	NS
1,1,2,2-Tetrachloroethane	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.010)	NS
1,1,2-Trichloroethane	ND(0.017)	ND(0.018)	ND(0.017)	ND(0.018)	ND(0.016)	NS
1,1-Dichloroethane	ND(0.017)	ND(0.018)	ND(0.017)	ND(0.018)	ND(0.016)	NS
1,1-Dichloroethene	ND(0.023)	ND(0.024)	ND(0.023)	ND(0.024)	ND(0.021)	NS
1,2,3-Trichloropropane	ND(0.023)	ND(0.024)	ND(0.023)	ND(0.024)	ND(0.021)	NS
1,2-Dibromo-3-chloropropane	ND(0.058)	ND(0.060)	ND(0.058)	ND(0.060)	ND(0.052)	NS
1,2-Dibromoethane	ND(0.023)	ND(0.024)	ND(0.023)	ND(0.024)	ND(0.021)	NS
1,2-Dichloroethane	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.010)	NS
1,2-Dichloropropane	ND(0.023)	ND(0.024)	ND(0.023)	ND(0.024)	ND(0.021)	NS
1,4-Dioxane	ND(59)	ND(61)	ND(59)	ND(61)	ND(53)	NS
2-Butanone	ND(0.041)	0.0030 JB	0.0050 JB	0.0040 J	ND(0.036)	NS
2-Chloroethylvinylether	ND(0.017)	ND(0.018)	ND(0.017)	ND(0.018)	ND(0.016)	NS
2-Hexanone	ND(0.041)	ND(0.042)	ND(0.041)	ND(0.042)	ND(0.036)	NS
3-Chloropropene	ND(0.017)	ND(0.018)	ND(0.017)	ND(0.018)	ND(0.016)	NS
4-Methyl-2-pentanone	ND(0.029)	ND(0.030)	ND(0.029)	ND(0.030)	ND(0.026)	NS
Acetone	ND(0.10)	0.032 JB	0.028 JB	0.029 JB	0.011 JB	NS
Acetonitrile	ND(0.23)	ND(0.24)	ND(0.23)	ND(0.24)	ND(0.21)	NS
Acrolein	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.24)	NS
Acrylonitrile	ND(0.24)	ND(0.25)	ND(0.24)	ND(0.25)	ND(0.22)	NS
Benzene	ND(0.017)	ND(0.018)	ND(0.017)	ND(0.018)	ND(0.016)	NS
Bromodichloromethane	ND(0.023)	ND(0.024)	ND(0.023)	ND(0.024)	ND(0.021)	NS
Bromoform	ND(0.017)	ND(0.018)	ND(0.017)	ND(0.018)	ND(0.016)	NS
Bromomethane	ND(0.023)	ND(0.024)	ND(0.023)	ND(0.024)	ND(0.021)	NS
Carbon Disulfide	ND(0.012)	ND(0.012)	ND(0.012)	0.0010 J	ND(0.010)	NS
Carbon Tetrachloride	ND(0.017)	ND(0.018)	ND(0.017)	ND(0.018)	ND(0.016)	NS
Chlorobenzene	0.14	ND(0.018)	ND(0.017)	ND(0.018)	ND(0.016)	NS
Chloroethane	ND(0.023)	ND(0.024)	ND(0.023)	ND(0.024)	ND(0.021)	NS
Chloroform	ND(0.017)	ND(0.018)	ND(0.017)	ND(0.018)	ND(0.016)	NS
Chloromethane	ND(0.041)	ND(0.042)	ND(0.041)	ND(0.042)	ND(0.036)	NS
cis-1,3-Dichloropropene	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.010)	NS
Dibromochloromethane	ND(0.017)	ND(0.018)	ND(0.017)	ND(0.018)	ND(0.016)	NS
Dibromomethane	ND(0.023)	ND(0.024)	ND(0.023)	ND(0.024)	ND(0.021)	NS
Dichlorodifluoromethane	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.010)	NS
Ethyl Methacrylate	ND(0.029)	ND(0.030)	ND(0.029)	ND(0.030)	ND(0.026)	NS
Ethylbenzene	ND(0.017)	ND(0.018)	ND(0.017)	ND(0.018)	ND(0.016)	NS
Iodomethane	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.010)	NS
Isobutanol	ND(15)	ND(15)	ND(15)	ND(1.5)	ND(14)	NS
Methacrylonitrile	ND(0.023)	ND(0.024)	ND(0.023)	ND(0.024)	ND(0.021)	NS
Methyl Methacrylate	ND(0.058)	ND(0.060)	ND(0.058)	ND(0.060)	ND(0.052)	NS
Methylene Chloride	0.011 JB	0.053 B	0.014 JB	0.0070 JB	0.0060 JB	NS
Propionitrile	ND(0.69)	ND(0.70)	ND(0.69)	ND(0.70)	ND(0.61)	NS
Styrene	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.010)	NS
Tetrachloroethene	ND(0.017)	ND(0.018)	ND(0.017)	ND(0.018)	ND(0.016)	NS
Toluene	ND(0.017)	ND(0.018)	ND(0.017)	0.0020 J	ND(0.016)	NS
trans-1,2-Dichloroethene	ND(0.017)	ND(0.018)	ND(0.017)	ND(0.018)	ND(0.016)	NS
trans-1,3-Dichloropropene	ND(0.017)	ND(0.018)	ND(0.017)	ND(0.018)	ND(0.016)	NS
trans-1,4-Dichloro-2-butene	ND(0.023)	ND(0.024)	ND(0.023)	ND(0.024)	ND(0.021)	NS
Trichloroethene	ND(0.023)	ND(0.024)	ND(0.023)	ND(0.024)	ND(0.021)	NS
Trichlorofluoromethane	ND(0.023)	ND(0.024)	ND(0.023)	ND(0.024)	ND(0.021)	NS
Vinyl Acetate	ND(0.023)	ND(0.024)	ND(0.023)	ND(0.024)	ND(0.021)	NS
Vinyl Chloride	ND(0.023)	ND(0.024)	ND(0.023)	ND(0.024)	ND(0.021)	NS
Xylenes (total)	ND(0.023)	ND(0.024)	ND(0.023)	ND(0.024)	ND(0.021)	NS

TABLE 2-4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
HISTORICAL SOIL SAMPLING RESULTS FOR APPENDIX IX + 3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area:	20s Complex	20s Complex	20s Complex	30s Complex	30s Complex	30s Complex
Location ID:	95-10	212S	213S	95-15	95-17	RF-4
Sample ID:	210B1416	212S0-6	213S0-6	215B0608	217B1012	PG04B1012
Sample Depth(Feet):	14-16	0-0.5	0-0.5	6-8	10-12	10-12
Parameter Date Collected:	03/07/96	09/17/97	09/17/97	02/22/96	02/22/96	05/28/91
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(1.5)	ND(1.5)	ND(1.5)	ND(15)	ND(1.4)	NS
1,2,4-Trichlorobenzene	ND(0.64)	ND(0.65)	ND(0.65)	ND(6.5)	ND(0.57)	NS
1,2-Dichlorobenzene	ND(0.69)	ND(0.70)	ND(0.70)	ND(7.0)	ND(0.61)	NS
1,2-Diphenylhydrazine	ND(0.80)	ND(0.82)	ND(0.81)	ND(8.2)	ND(0.72)	NS
1,3,5-Trinitrobenzene	ND(1.1)	ND(1.1)	ND(1.1)	ND(11)	ND(0.94)	NS
1,3-Dichlorobenzene	ND(0.59)	ND(0.60)	ND(0.60)	ND(6.0)	ND(0.53)	NS
1,3-Dinitrobenzene	ND(0.65)	ND(0.66)	ND(0.66)	ND(6.6)	ND(0.58)	NS
1,4-Dichlorobenzene	0.052 J	ND(0.62)	ND(0.61)	ND(6.1)	ND(0.54)	NS
1,4-Naphthoquinone	ND(1.9)	ND(1.9)	ND(1.9)	ND(19)	ND(1.7)	NS
1-Naphthylamine	ND(1.6)	ND(1.7)	ND(1.6)	ND(17)	ND(1.5)	NS
2,3,4,6-Tetrachlorophenol	ND(1.6)	ND(1.7)	ND(1.6)	ND(17)	ND(1.5)	NS
2,4,5-Trichlorophenol	ND(1.5)	ND(1.5)	ND(1.5)	ND(15)	ND(1.4)	NS
2,4,6-Trichlorophenol	ND(1.5)	ND(1.5)	ND(1.5)	ND(15)	ND(1.4)	NS
2,4-Dichlorophenol	ND(0.64)	ND(0.65)	ND(0.65)	ND(6.5)	ND(0.57)	NS
2,4-Dimethylphenol	ND(0.71)	ND(0.72)	ND(0.72)	0.44 J	ND(0.63)	NS
2,4-Dinitrophenol	ND(2.0)	ND(2.0)	ND(2.0)	ND(20)	ND(1.8)	NS
2,4-Dinitrotoluene	ND(0.77)	ND(0.78)	ND(0.78)	ND(7.8)	ND(0.69)	NS
2,6-Dichlorophenol	ND(1.4)	ND(1.4)	ND(1.4)	ND(14)	ND(1.2)	NS
2,6-Dinitrotoluene	ND(0.87)	ND(0.89)	ND(0.88)	ND(8.9)	ND(0.78)	NS
2-Acetylaminofluorene	ND(0.83)	ND(0.84)	ND(0.84)	ND(8.4)	ND(0.74)	NS
2-Chloronaphthalene	ND(1.1)	ND(1.1)	ND(1.1)	ND(11)	ND(1.0)	NS
2-Chlorophenol	ND(0.73)	ND(0.75)	ND(0.74)	ND(7.4)	ND(0.65)	NS
2-Methylnaphthalene	0.091 J	ND(1.0)	ND(0.99)	ND(9.9)	ND(0.87)	NS
2-Methylphenol	ND(0.76)	ND(0.77)	ND(0.77)	ND(7.7)	ND(0.67)	NS
2-Naphthylamine	ND(1.0)	ND(1.0)	ND(1.0)	ND(10)	ND(0.89)	NS
2-Nitroaniline	ND(1.3)	ND(1.3)	ND(1.3)	ND(13)	ND(1.1)	NS
2-Nitrophenol	ND(0.72)	ND(0.73)	ND(0.73)	ND(7.3)	ND(0.64)	NS
2-Picoline	ND(1.4)	ND(1.4)	ND(1.4)	ND(14)	ND(1.2)	NS
3,3'-Dichlorobenzidine	ND(0.58)	ND(0.59)	ND(0.59)	ND(5.9)	ND(0.52)	NS
3,3'-Dimethylbenzidine	ND(1.1)	ND(1.1)	ND(1.1)	ND(11)	ND(1.0)	NS
3-Methylcholanthrene	ND(0.71)	ND(0.72) B	ND(0.72) B	ND(7.2)	ND(0.63)	NS
3-Methylphenol	ND(1.5)	ND(1.5)	ND(1.5)	ND(15)	ND(1.4)	NS
3-Nitroaniline	ND(0.80)	ND(0.82)	ND(0.81)	ND(8.2)	ND(0.72)	NS
4,6-Dinitro-2-methylphenol	ND(2.1)	ND(2.1)	ND(2.1)	ND(21)	ND(1.9)	NS
4-Aminobiphenyl	ND(0.48)	ND(0.49)	ND(0.48)	ND(4.8)	ND(0.43)	NS
4-Bromophenyl-phenylether	ND(0.87)	ND(0.89)	ND(0.88)	ND(8.9)	ND(0.78)	NS
4-Chloro-3-Methylphenol	ND(0.87)	ND(0.89)	ND(0.88)	ND(8.9)	ND(0.78)	NS
4-Chloroaniline	ND(0.80)	ND(0.82) B	ND(0.81)	ND(8.2)	ND(0.72)	NS
4-Chlorobenzilate	ND(0.83)	ND(0.84)	ND(0.84)	ND(8.4)	ND(0.74)	NS
4-Chlorophenyl-phenylether	ND(0.70)	ND(0.71)	ND(0.71)	ND(7.1)	ND(0.62)	NS
4-Methylphenol	ND(1.5)	ND(1.5)	ND(1.5)	ND(15)	ND(1.4)	NS
4-Nitroaniline	ND(1.3)	ND(1.3)	ND(1.3)	ND(13)	ND(1.1)	NS
4-Nitrophenol	ND(5.2)	ND(5.3)	ND(5.3)	ND(53)	ND(4.7)	NS
4-Nitroquinoline-1-oxide	ND(5.6)	ND(5.7)	ND(5.7)	ND(57)	ND(5.0)	NS
4-Phenylenediamine	ND(0.77)	ND(0.78)	ND(0.78)	ND(7.8)	ND(0.69)	NS
5-Nitro-o-toluidine	ND(1.2)	ND(1.2)	ND(1.2)	ND(12)	ND(1.0)	NS
7,12-Dimethylbenz(a)anthracene	ND(0.48)	ND(0.49)	ND(0.48)	ND(4.8)	ND(0.43)	NS
a,a'-Dimethylphenethylamine	ND(0.77)	ND(0.78)	ND(0.78)	ND(7.8)	ND(0.69)	NS
Acenaphthene	ND(0.77)	ND(0.78)	ND(0.78)	ND(7.8)	ND(0.69)	NS
Acenaphthylene	ND(0.78)	ND(0.79)	ND(0.79)	ND(7.9)	ND(0.70)	NS
Acetophenone	ND(0.77)	ND(0.78)	ND(0.78)	0.53 J	ND(0.69)	NS
Aniline	ND(0.65)	ND(0.091)	ND(0.66)	2.1 J	ND(0.58)	NS
Anthracene	ND(0.86)	0.11 J	ND(0.87)	ND(8.8)	ND(0.77)	NS
Aramite	ND(0.77)	ND(0.78) B	ND(0.78) B	ND(7.8)	ND(0.69)	NS

TABLE 2-4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
HISTORICAL SOIL SAMPLING RESULTS FOR APPENDIX IX + 3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area:	20s Complex	20s Complex	20s Complex	30s Complex	30s Complex	30s Complex
Location ID:	95-10	212S	213S	95-15	95-17	RF-4
Sample ID:	210B1416	212S0-6	213S0-6	215B0608	217B1012	PG04B1012
Sample Depth(Feet):	14-16	0-0.5	0-0.5	6-8	10-12	10-12
Parameter Date Collected:	03/07/96	09/17/97	09/17/97	02/22/96	02/22/96	05/28/91
Semivolatile Organics (continued)						
Benzidine	ND(1.9)	ND(1.9) B	ND(1.9) B	ND(19)	ND(1.7)	NS
Benzo(a)anthracene	ND(0.77)	0.62 J	0.21 J	ND(7.8)	ND(0.69)	NS
Benzo(a)pyrene	ND(0.77)	0.66 JB	0.21 JB	ND(7.8)	ND(0.69)	NS
Benzo(b)fluoranthene	ND(0.90)	0.84 J	0.25 J	ND(9.1)	ND(0.80)	NS
Benzo(g,h,i)perylene	ND(0.72)	0.40 J	0.12 J	ND(7.3)	ND(0.64)	NS
Benzo(k)fluoranthene	ND(0.72)	0.40 JB	0.12 JB	ND(7.3)	ND(0.64)	NS
Benzyl Alcohol	ND(0.64)	ND(0.65)	ND(0.65)	ND(6.5)	ND(0.57)	NS
bis(2-Chloroethoxy)methane	ND(0.78)	ND(0.79)	ND(0.79)	ND(7.9)	ND(0.70)	NS
bis(2-Chloroethyl)ether	ND(0.69)	ND(0.70)	ND(0.70)	ND(7.0)	ND(0.61)	NS
bis(2-Chloroisopropyl)ether	ND(0.76)	ND(0.77)	ND(0.77)	ND(7.7)	ND(0.67)	NS
bis(2-Ethylhexyl)phthalate	0.10 J	0.20 J	0.13 J	0.98 J	0.13 J	NS
Butylbenzylphthalate	ND(0.79)	ND(0.81)	ND(0.80)	ND(8.0)	ND(0.71)	NS
Chrysene	ND(0.63)	0.61 JB	0.23 JB	ND(6.4)	ND(0.56)	NS
Diallate (cis isomer)	ND(0.77)	ND(0.78)	ND(0.78)	ND(7.8)	ND(0.69)	NS
Diallate (trans isomer)	ND(0.77)	ND(0.78)	ND(0.78)	ND(7.8)	ND(0.69)	NS
Dibenzo(a,h)anthracene	ND(0.50)	0.085 J	ND(0.51)	ND(5.1)	ND(0.45)	NS
Dibenzofuran	ND(0.80)	ND(0.82)	ND(0.81)	ND(8.2)	ND(0.72)	NS
Diethylphthalate	ND(0.84)	ND(0.85)	ND(0.85)	ND(8.5)	ND(0.75)	NS
Dimethylphthalate	ND(1.1)	ND(1.1)	ND(1.1)	ND(11)	ND(1.0)	NS
Di-n-Butylphthalate	ND(0.90)	ND(0.91)	ND(0.91)	ND(9.1)	ND(0.80)	NS
Di-n-Octylphthalate	ND(0.56)	ND(0.57) B	ND(0.57) B	ND(5.7)	ND(0.50)	NS
Diphenylamine	ND(1.6)	ND(1.7)	ND(1.6)	ND(17)	ND(1.5)	NS
Ethyl Methanesulfonate	ND(0.70)	ND(0.71)	ND(0.71)	ND(7.1)	ND(0.62)	NS
Fluoranthene	ND(1.1)	1.2	0.42 J	ND(0.52)	ND(0.96)	NS
Fluorene	ND(0.80)	ND(0.82)	ND(0.81)	ND(8.2)	ND(0.72)	NS
Hexachlorobenzene	ND(0.90)	ND(0.91)	ND(0.91)	ND(9.1)	ND(0.80)	NS
Hexachlorobutadiene	ND(0.65)	ND(0.66)	ND(0.66)	ND(6.6)	ND(0.58)	NS
Hexachlorocyclopentadiene	ND(0.77)	ND(0.78)	ND(0.78)	ND(7.8)	ND(0.69)	NS
Hexachloroethane	ND(0.70)	ND(0.71)	ND(0.71)	ND(7.1)	ND(0.62)	NS
Hexachloropropene	ND(0.66)	ND(0.68)	ND(0.67)	ND(6.7)	ND(0.59)	NS
Indeno(1,2,3-cd)pyrene	ND(0.53)	0.40 J	0.11 J	ND(5.4)	ND(0.48)	NS
Isodrin	ND(1.1)	ND(1.1)	ND(1.1)	ND(11)	ND(0.96)	NS
Isophorone	ND(0.79)	ND(0.81)	ND(0.80)	ND(8.0)	ND(0.71)	NS
Isosafrole	ND(1.5)	ND(1.5)	ND(1.5)	ND(15)	ND(1.4)	NS
Methapyrilene	ND(1.5)	ND(1.5)	ND(1.5)	ND(15)	ND(1.4)	NS
Methyl Methanesulfonate	ND(0.81)	ND(0.83)	ND(0.82)	ND(8.3)	ND(0.73)	NS
Naphthalene	0.16 J	0.045 J	ND(0.78)	ND(7.8)	ND(0.69)	NS
Nitrobenzene	ND(0.79)	ND(0.81)	ND(0.80)	ND(8.0)	ND(0.71)	NS
N-Nitrosodiethylamine	ND(0.70)	ND(0.71)	ND(0.71)	ND(7.1)	ND(0.62)	NS
N-Nitrosodimethylamine	ND(0.77)	ND(0.78)	ND(0.78)	ND(7.8)	ND(0.69)	NS
N-Nitroso-di-n-butylamine	ND(1.6)	ND(1.7)	ND(1.6)	ND(17)	ND(1.5)	NS
N-Nitroso-di-n-propylamine	ND(0.71)	ND(0.72)	ND(0.72)	ND(7.2)	ND(0.63)	NS
N-Nitrosodiphenylamine	ND(1.6)	ND(1.7)	ND(1.6)	ND(17)	ND(1.5)	NS
N-Nitrosomethylethylamine	ND(0.63)	ND(0.64)	ND(0.64)	ND(6.4)	ND(0.56)	NS
N-Nitrosomorpholine	ND(0.87)	ND(0.89)	ND(0.88)	ND(8.9)	ND(0.78)	NS
N-Nitrosopiperidine	ND(0.86)	ND(0.88)	ND(0.87)	ND(8.8)	ND(0.77)	NS
N-Nitrosopyrrolidine	ND(0.62)	ND(0.63)	ND(0.62)	ND(6.3)	ND(0.55)	NS
o,o,o-Triethylphosphorothioate	ND(6.2)	ND(6.3)	ND(6.2)	ND(63)	ND(5.5)	NS
o-Toluidine	ND(2.3)	ND(2.4)	ND(2.4)	ND(24)	ND(2.1)	NS
p-Dimethylaminoazobenzene	ND(0.78)	ND(0.79)	ND(0.79)	ND(7.9)	ND(0.70)	NS
Pentachlorobenzene	ND(0.77)	ND(0.78)	ND(0.78)	ND(7.8)	ND(0.69)	NS
Pentachloroethane	ND(0.97)	ND(0.98)	ND(0.98)	ND(9.8)	ND(0.86)	NS
Pentachloronitrobenzene	ND(0.74)	ND(0.76)	ND(0.75)	NA	NA	NS
Pentachlorophenol	ND(1.6)	ND(1.7)	ND(1.6)	ND(17)	ND(1.5)	NS

TABLE 2-4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
HISTORICAL SOIL SAMPLING RESULTS FOR APPENDIX IX + 3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex 95-10 210B1416 14-16 03/07/96	20s Complex 212S 212S0-6 0-0.5 09/17/97	20s Complex 213S 213S0-6 0-0.5 09/17/97	30s Complex 95-15 215B0608 6-8 02/22/96	30s Complex 95-17 217B1012 10-12 02/22/96	30s Complex RF-4 PG04B1012 10-12 05/28/91
Semivolatile Organics (continued)						
Phenacetin	ND(0.71)	ND(0.72)	ND(0.72)	ND(7.2)	ND(0.63)	NS
Phenanthrene	ND(0.72)	0.47 J	ND(0.17)	ND(7.3)	ND(0.64)	NS
Phenol	ND(0.66)	ND(0.68)	ND(0.67)	68 E	ND(0.59)	NS
Pronamide	ND(0.76)	ND(0.77)	ND(0.77)	ND(7.7)	ND(0.67)	NS
Pyrene	ND(0.85)	1.1	0.38 J	ND(0.40)	ND(0.76)	NS
Pyridine	ND(0.64)	ND(0.65)	ND(0.65)	ND(6.5)	ND(0.57)	NS
Safrole	ND(0.67)	ND(0.69)	ND(0.68)	ND(6.9)	ND(0.60)	NS
Thionazin	ND(0.78)	ND(0.79)	ND(0.79)	ND(7.9)	ND(0.70)	NS
Organochlorine Pesticides						
4,4'-DDD	NS	NS	NS	NS	NS	ND(0.0041)
4,4'-DDE	NS	NS	NS	NS	NS	ND(0.0041)
4,4'-DDT	NS	NS	NS	NS	NS	ND(0.0041)
Aldrin	NS	NS	NS	NS	NS	ND(0.0012)
Alpha-BHC	NS	NS	NS	NS	NS	ND(0.0012)
Beta-BHC	NS	NS	NS	NS	NS	ND(0.0012)
Delta-BHC	NS	NS	NS	NS	NS	ND(0.0012)
Dieldrin	NS	NS	NS	NS	NS	ND(0.0018)
Endosulfan I	NS	NS	NS	NS	NS	ND(0.0018)
Endosulfan II	NS	NS	NS	NS	NS	ND(0.0041)
Endosulfan Sulfate	NS	NS	NS	NS	NS	ND(0.0024)
Endrin	NS	NS	NS	NS	NS	ND(0.0029)
Endrin Aldehyde	NS	NS	NS	NS	NS	ND(0.0012)
Gamma-BHC (Lindane)	NS	NS	NS	NS	NS	ND(0.0012)
Heptachlor	NS	NS	NS	NS	NS	ND(0.0012)
Heptachlor Epoxide	NS	NS	NS	NS	NS	ND(0.0012)
Kepone	NS	NS	NS	NS	NS	ND(0.0012)
Methoxychlor	NS	NS	NS	NS	NS	ND(0.0041)
Technical Chlordane	NS	NS	NS	NS	NS	ND(0.0047)
Toxaphene	NS	NS	NS	NS	NS	ND(0.024)
Furans						
2,3,7,8-TCDF	ND(0.000063)	0.000089 g	0.0000046 g	0.0000064 g	ND(0.000000098)	NS
TCDFs (total)	ND(0.000063)	0.00093	0.000030	0.000078	ND(0.000000098)	NS
1,2,3,7,8-PeCDF	ND(0.000044)	0.000036	ND(0.0000032)	ND(0.00000094)	ND(0.000000035)	NS
2,3,4,7,8-PeCDF	ND(0.000044)	0.000042	ND(0.0000032)	ND(0.0000036)	ND(0.000000035)	NS
PeCDFs (total)	ND(0.000044)	0.00084	0.000047	0.000041	ND(0.000000035)	NS
1,2,3,4,7,8-HxCDF	ND(0.000037)	0.000051	ND(0.0000030)	ND(0.0000052)	ND(0.000000023)	NS
1,2,3,6,7,8-HxCDF	ND(0.000037)	0.000037	ND(0.0000030)	ND(0.0000030)	ND(0.000000023)	NS
1,2,3,7,8,9-HxCDF	ND(0.000037)	ND(0.0000010)	ND(0.0000030)	ND(0.0000022)	ND(0.000000023)	NS
2,3,4,6,7,8-HxCDF	ND(0.000037)	0.000036	ND(0.0000030)	ND(0.0000054)	ND(0.000000023)	NS
HxCDFs (total)	ND(0.000037)	0.00093	0.000062	0.000027	ND(0.000000023)	NS
1,2,3,4,6,7,8-HpCDF	ND(0.000036)	0.00012	0.000015	0.000011	ND(0.000000030)	NS
1,2,3,4,7,8,9-HpCDF	ND(0.000036)	0.000014	ND(0.0000024)	ND(0.0000020)	ND(0.000000030)	NS
HpCDFs (total)	ND(0.000036)	0.00028	0.000030	0.000035	ND(0.000000030)	NS
OCDF	ND(0.00011)	0.00014	0.000014	0.000018	ND(0.000000025)	NS
Total Furans	ND(0.00011)	0.0031	0.00018	0.00020	ND(0.000000098)	NS

TABLE 2-4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
HISTORICAL SOIL SAMPLING RESULTS FOR APPENDIX IX + 3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex 95-10 210B1416 14-16 03/07/96	20s Complex 212S 212S0-6 0-0.5 09/17/97	20s Complex 213S 213S0-6 0-0.5 09/17/97	30s Complex 95-15 215B0608 6-8 02/22/96	30s Complex 95-17 217B1012 10-12 02/22/96	30s Complex RF-4 PG04B1012 10-12 05/28/91
Dioxins						
2,3,7,8-TCDD	ND(0.000052)	0.00000086 J**	ND(0.00000052)	ND(0.00000028)	ND(0.000000016)	NS
TCDDs (total)	ND(0.000052)	0.000019	ND(0.00000052)	0.0000083	ND(0.000000016)	NS
1,2,3,7,8-PeCDD	ND(0.000049)	ND(0.0000021)	ND(0.0000011)	ND(0.00000034)	ND(0.000000043)	NS
PeCDDs (total)	ND(0.0050) W	ND(0.0000093) W	ND(0.0000011)	ND(0.0000014)	ND(0.000000043)	NS
1,2,3,4,7,8-HxCDD	ND(0.000029)	ND(0.0000020)	ND(0.0000016)	ND(0.00000034)	ND(0.000000035)	NS
1,2,3,6,7,8-HxCDD	ND(0.000029)	0.0000049 J**	ND(0.0000014)	ND(0.0000013)	ND(0.000000035)	NS
1,2,3,7,8,9-HxCDD	ND(0.000029)	0.0000041 J**	ND(0.0000014)	ND(0.00000095)	ND(0.000000035)	NS
HxCDDs (total)	ND(0.000029)	0.000040	0.0000050	ND(0.0000044)	ND(0.000000035)	NS
1,2,3,4,6,7,8-HpCDD	ND(0.000031)	0.000067	0.000027	0.000019	ND(0.000000016)	NS
HpCDDs (total)	ND(0.000031)	0.00012	0.000053	0.000034	ND(0.000000016)	NS
OCDD	ND(0.00010)	0.00044	0.00022	0.00025	ND(0.000000074)	NS
Total Dioxins	ND(0.0050)	0.00062	0.00028	0.00029	ND(0.000000074)	NS
WHO TEF	0.000078	0.000049	0.0000034	0.0000031	0.000000054	NS
Inorganics						
Antimony	ND(0.200)	1.80 J*N	ND(0.660) N	ND(0.210) N	0.290 J*N	NS
Arsenic	5.90	11.0	6.90	10.6 N*	4.70 N*	NS
Barium	17.9 J*	133	57.3	255 E	17.5 J*EN	NS
Beryllium	ND(0.0300)	0.420 J*	0.510 J*	0.340 J*N	0.110 J*N	NS
Cadmium	ND(0.0200)	0.690 J*	1.00 J*	0.0900 J*N	ND(0.0200) N	NS
Chromium	10.6	14.4	11.9	9.60 E	7.00 E	NS
Cobalt	11.0	NA	NA	2.10 J*EN	7.00 EN	NS
Copper	35.3	62.2 E	21.4 E	30.5	25.5	NS
Cyanide	ND(0.580) N	ND(0.590)	ND(0.580)	ND(0.590) N	ND(0.540) N	NS
Lead	22.0	132 *	44.2 *	33.5	8.90	NS
Mercury	ND(0.120)	0.600	0.0700 J*	0.320	ND(0.0800) N	NS
Nickel	16.2	23.2	19.4	15.0 E	12.0 E	NS
Selenium	0.610	1.80	2.50	0.460 J*N	0.750 N*	NS
Silver	ND(0.0800)	ND(0.190)	ND(0.180)	ND(0.0800) N	ND(0.0700) N	NS
Thallium	ND(0.400)	ND(1.20)	ND(1.10)	ND(0.420) N	ND(0.370) N	NS
Tin	0.540 J*	3.60 J*	ND(2.10)	2.80 J*N	0.900 J*N	NS
Vanadium	4.40 J*	25.2	15.6	8.20 E	3.50 J*EN	NS
Zinc	42.8	214	105	85.2 E	83.3 E	NS

Notes:

1. Samples were submitted to CompuChem Environmental Corporation and Quanterra Environmental Services, Inc. for analysis of Appendix IX+3 constituents (excluding herbicides and pesticides).
2. J - Indicates an estimated value less than the practical quantitation limit (PQL).
3. J* - Indicates an estimated value between the instrument detection limit and practical quantitation limit (PQL).
4. J** - Indicates an estimated value between the lower calibration limit and the target detection limit.
5. B - Analyte was also detected in the associated method blank.
6. E - Analyte exceeded calibration range.
7. N - Indicates sample matrix spike analysis was outside control limits.
8. N* - Indicates laboratory duplicate analysis was outside control limits.
9. W - Elevated detection limit due to the presence of quantitative interference.
10. g - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.
11. With the exception of dioxin/furans, only those constituents detected in at least one sample are summarized.
12. Total dioxins/furans determined as the sum of the total homolog concentrations; non-detect values considered as zero.
13. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. In Environmental Health Perspectives 106(2), December 1998, per technical Attachment F to the SOW.
14. NS - Not Sampled - Parameter was not requested on sample chain of custody form.
15. NA - Not Analyzed - Laboratory did not report results for this analyte.

TABLE 2-5

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
EPA SOIL SAMPLING RESULTS FOR PCBs

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

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
20s Complex						
20-BH000236-0-0000	0-1	12/12/00	ND(0.37)	3.3	6.1	9.4
20-BH000238-0-0060	6-15	12/12/00	ND(0.0097)	0.045	0.042	0.087
20-BH000240-0-0010	1-6	12/13/00	ND(1.8)	ND(1.8)	15	15
20-BH000242-0-0010	1-3	12/13/00	ND(1.8)	ND(1.8)	36	36
20-BH000243-0-0010	1-6	12/15/00	ND(1.8) [ND(3.8)]	ND(1.8) [ND(3.8)]	60 [69]	60 [69]
20-BH000246-0-0010	1-6	12/15/00	ND(0.0095)	ND(0.0095)	ND(0.0095)	ND(0.0095)
20-BH000267-0-0010	1-6	12/29/00	ND(0.47)	ND(0.47)	9.4	9.4
20-BH000288-0-0060	6-15	1/11/01	ND(0.092)	ND(0.092)	1.5 J	1.5 J
20-BH000289-0-0060	6-15	1/11/01	ND(0.044)	ND(0.044)	0.77 J	0.77 J
30s Complex						
30-BH000202-0-0010	1-6	11/28/00	ND(0.0088)	0.21	0.092	0.302
30-BH000207-0-0000	0-1	11/30/00	ND(0.092)	ND(0.092)	0.95	0.95
30-BH000213-0-0060	6-15	12/1/00	ND(0.013)	ND(0.013)	0.022	0.022
30-BH000214-0-0060	6-15	12/1/00	ND(1.8)	ND(1.8)	27	27
30-BH000215-0-0060	6-15	12/4/00	ND(1.9)	ND(1.9)	22	22
30-BH000216-0-0060	6-15	12/4/00	ND(0.12)	4.5	0.75	5.25
30-BH000227-0-0060	6-15	12/7/00	ND(0.0091)	ND(0.0091)	0.12	0.12
30-BH000230-0-0060	6-15	12/8/00	ND(0.0092)	ND(0.0092)	0.0074 J	0.0074 J
30-BH000261-0-0010	1-6	12/27/00	ND(0.044)	1.3	0.20	1.5
30-BH000263-0-0060	6-15	12/27/00	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)
30-BH000271-0-0060	6-15	1/2/01	ND(0.62)	8.7	11	19.7
30-BH000273-0-0060	6-15	1/3/01	ND(0.0088)	ND(0.0088)	0.045	0.045
30-BH000281-0-0060	6-15	1/8/01	ND(0.046) [ND(0.0091)]	ND(0.046) [ND(0.0091)]	0.038 [0.026]	0.038 [0.026]
30-BH000406-0-0060	6-15	2/21/01	ND(0.071)	0.90 J	0.82 J	1.72 J
30-BH000411-0-0060	6-15	2/28/01	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)
30-BH000462-0-0000	0-1	4/5/01	ND(18)	ND(18)	99 J	99 J
30-BH000462-0-0010	1-6	4/4/01	ND(3.8)	ND(3.8)	23 J	23 J
30-BH000462-0-0060	6-15	4/4/01	ND(0.080)	ND(0.080)	0.31 J	0.31 J
30-BH000463-0-0000	0-1	4/4/01	ND(3.9)	ND(3.9)	12 J	12 J
30-BH000463-0-0010	1-6	4/4/01	ND(3.8)	ND(3.8)	19 J	19 J
30-BH000463-0-0060	6-15	4/4/01	ND(2.3)	ND(2.3)	10 J	10 J
30-BH000468-0-0000	0-1	4/5/01	ND(0.037)	0.16 J	0.16 J	0.32 J
30-BH000468-0-0010	1-6	4/5/01	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)
30-BH000468-0-0060	6-15	4/5/01	ND(4.0) [ND(11)]	ND(4.0) [ND(11)]	28 J [36 J]	28 J [36 J]
30-BH000469-0-0000	0-1	4/5/01	ND(0.020)	0.048 J	0.12 J	0.168 J
30-BH000469-0-0010	1-6	4/5/01	ND(0.018)	0.030 J	ND(0.018)	0.030 J
30-BH000469-0-0060	6-15	4/5/01	ND(0.038)	0.29 J	0.30 J	0.59 J
30-BH000470-0-0000	0-1	4/5/01	ND(0.091)	0.68 J	0.54 J	1.22 J
30-BH000470-0-0010	1-6	4/5/01	ND(0.096)	0.23 J	0.41 J	0.64 J
30-BH000470-0-0060	6-15	4/5/01	ND(9.8)	ND(9.8)	24 J	24 J
40s Complex						
40-BH000278-0-0010	1-4	1/5/01	ND(0.0086)	0.13	0.018	0.148
40-BH000401-0-0000	0-1	2/20/01	ND(0.56)	ND(0.56)	5.4 J	5.4 J
40-BH000473-0-0000	0-1	4/6/01	ND(0.055)	0.092 J	0.22 J	0.312 J
40-BH000473-0-0010	1-6	4/6/01	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)
40-BH000473-0-0060	6-15	4/6/01	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)

Notes:

1. Sample collection and analysis performed by United States Environmental Protection Agency (EPA) Subcontractors. Results provided to GE under the Supplement to the Data Exchange Agreement letter, dated November 2, 1999.
2. Field duplicate sample results are presented in brackets.
3. ND - Analyte was not detected. The value in parentheses is the associated detection limit.
4. Definitions of data qualifiers not provided as part of data exchange. Result qualifiers as provided in prior EPA deliverables follow:
   J - Estimated Value.

TABLE 2-6

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
EPA SOIL SAMPLING RESULTS FOR APPENDIX IX + 3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex 20-BH000240-0-0010 1-6 12/13/00	20s Complex 20-BH000288-0-0060 6-15 01/11/01	30s Complex 30-BH000213-0-0060 6-15 12/01/00	30s Complex 30-BH000230-0-0060 6-15 12/08/00	30s Complex 30-BH000462-0-0060 6-15 04/04/01
Volatile Organics					
1,1,1,2-Tetrachloroethane	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA
1,1-Dichloroethene	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NA	NA	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA	NA	NA
1,4-Dioxane	NA	NA	NA	NA	NA
2-Butanone	NA	NA	NA	NA	NA
2-Chloro-1,3-butadiene	NA	NA	NA	NA	NA
2-Hexanone	NA	NA	NA	NA	NA
3-Chloropropene	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	NA	NA	NA	NA	NA
Acetone	NA	NA	NA	NA	NA
Acrolein	NA	NA	NA	NA	NA
Acrylonitrile	NA	NA	NA	NA	NA
Benzene	NA	NA	NA	NA	NA
Bromodichloromethane	NA	NA	NA	NA	NA
Bromoform	NA	NA	NA	NA	NA
Bromomethane	NA	NA	NA	NA	NA
Carbon Disulfide	NA	NA	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA	NA	NA
Chlorobenzene	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA
Chloromethane	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA
Dibromochloromethane	NA	NA	NA	NA	NA
Dibromomethane	NA	NA	NA	NA	NA
Ethyl Methacrylate	NA	NA	NA	NA	NA
Ethylbenzene	NA	NA	NA	NA	NA
Freon 12	NA	NA	NA	NA	NA
Iodomethane	NA	NA	NA	NA	NA
Isobutanol	NA	NA	NA	NA	NA
m&p-Xylene	NA	NA	NA	NA	NA
Methacrylonitrile	NA	NA	NA	NA	NA
Methyl Methacrylate	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	NA	NA
o-Xylene	NA	NA	NA	NA	NA
Propionitrile	NA	NA	NA	NA	NA
Styrene	NA	NA	NA	NA	NA
Tetrachloroethene	NA	NA	NA	NA	NA
Toluene	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA
Trichloroethene	NA	NA	NA	NA	NA
Trichlorofluoromethane	NA	NA	NA	NA	NA
Vinyl Acetate	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA
Xylenes (total)	NA	NA	NA	NA	NA

TABLE 2-6

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
EPA SOIL SAMPLING RESULTS FOR APPENDIX IX + 3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex 20-BH000240-0-0010 1-6 12/13/00	20s Complex 20-BH000288-0-0060 6-15 01/11/01	30s Complex 30-BH000213-0-0060 6-15 12/01/00	30s Complex 30-BH000230-0-0060 6-15 12/08/00	30s Complex 30-BH000462-0-0060 6-15 04/04/01
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
1,2,4-Trichlorobenzene	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
1,2-Dichlorobenzene	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
1,3,5-Trinitrobenzene	ND(1.4) J	ND(1.5) J	ND(2.0) J	ND(1.5)	ND(0.40)
1,3-Dichlorobenzene	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
1,3-Dinitrobenzene	ND(0.73)	ND(0.74)	ND(1.0)	ND(0.74)	ND(0.40)
1,4-Dichlorobenzene	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
1,4-Naphthoquinone	ND(1.8) J	ND(1.8) J	ND(2.5)	ND(1.8)	ND(0.40)
1-Naphthylamine	ND(0.73)	ND(0.74)	ND(1.0)	ND(0.74)	ND(0.40)
2,3,4,6-Tetrachlorophenol	ND(0.36)	ND(0.37) J	ND(0.51)	ND(0.37)	ND(0.40)
2,4,5-Trichlorophenol	ND(1.8)	ND(1.8) J	ND(2.5)	ND(1.8)	ND(1.0)
2,4,6-Trichlorophenol	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
2,4-Dichlorophenol	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
2,4-Dimethylphenol	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40) J
2,4-Dinitrophenol	ND(1.8)	ND(1.8) J	ND(2.5)	ND(1.8) J	ND(1.0) J
2,4-Dinitrotoluene	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
2,6-Dichlorophenol	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
2,6-Dinitrotoluene	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
2-Acetylaminofluorene	ND(0.73)	ND(0.74)	ND(1.0)	ND(0.74)	ND(0.40)
2-Chloronaphthalene	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
2-Chlorophenol	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
2-Methylnaphthalene	3.4	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
2-Methylphenol	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
2-Naphthylamine	ND(0.73)	ND(0.74)	ND(1.0)	ND(0.74)	ND(0.40)
2-Nitroaniline	ND(1.8)	ND(1.8)	ND(2.5)	ND(1.8)	ND(1.0)
2-Nitrophenol	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
2-Picoline	ND(0.36)	ND(0.37)	ND(0.51) J	ND(0.37)	ND(0.40)
3,3'-Dichlorobenzidine	ND(0.73)	ND(0.74) J	ND(1.0)	ND(0.74)	ND(0.40)
3,3'-Dimethylbenzidine	ND(1.8)	ND(1.8)	ND(2.5)	ND(1.8)	ND(0.40)
3-Methylcholanthrene	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
3-Nitroaniline	ND(1.8)	ND(1.8)	ND(2.5)	ND(1.8)	ND(1.0)
4,6-Dinitro-2-methylphenol	ND(1.8)	ND(1.8)	ND(2.5)	ND(1.8)	ND(1.0)
4-Aminobiphenyl	ND(0.73)	ND(0.74) J	ND(1.0)	ND(0.74)	ND(0.40)
4-Bromophenyl-phenylether	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
4-Chloro-3-Methylphenol	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
4-Chloroaniline	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
4-Chlorobenzilate	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
4-Chlorophenyl-phenylether	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
4-Methylphenol	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
4-Nitroaniline	ND(1.8)	ND(1.8)	ND(2.5)	ND(1.8)	ND(1.0)
4-Nitrophenol	ND(1.8)	ND(1.8)	ND(2.5)	ND(1.8)	ND(1.0) J
4-Nitroquinoline-1-oxide	R	R	R	ND(1.8)	R
4-Phenylenediamine	ND(1.4)	ND(1.5) J	ND(2.0) J	ND(1.5) J	ND(0.40)
5-Nitro-o-toluidine	ND(0.73)	ND(0.74)	ND(1.0) J	ND(0.74)	ND(0.40)
7,12-Dimethylbenz(a)anthracene	ND(0.73)	ND(0.74)	ND(1.0)	ND(0.74)	ND(0.40)
a,a'-Dimethylphenethylamine	ND(1.8)	ND(1.8)	ND(2.5) J	ND(1.8)	ND(0.40)
Acenaphthene	ND(0.36)	ND(0.37)	0.50 J	ND(0.37)	0.034 J
Acenaphthylene	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
Acetophenone	ND(0.36) J	ND(0.37)	ND(0.51) J	ND(0.37)	ND(0.036)
Aniline	ND(0.36) J	ND(0.37)	ND(0.51)	ND(0.37)	R
Anthracene	ND(0.36)	ND(0.37) J	1.1	ND(0.37)	0.049 J
Aramite	ND(0.73)	ND(0.74)	ND(1.0) J	ND(0.74)	ND(0.40)
Azobenzene	NA	NA	NA	NA	ND(0.40)
Benzo(a)anthracene	ND(0.36) J	ND(0.37) J	2.3	ND(0.37)	0.21 J
Benzo(a)pyrene	ND(0.36) J	ND(0.37) J	1.8	ND(0.37)	0.19 J
Benzo(b)fluoranthene	ND(0.36)	ND(0.37) J	1.9	ND(0.37)	0.31 J
Benzo(g,h,i)perylene	ND(0.36)	ND(0.37)	1.1	ND(0.37)	0.050 J

TABLE 2-6

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
EPA SOIL SAMPLING RESULTS FOR APPENDIX IX + 3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: Sample ID: Sample Depth(Feet): Parameter Date Collected:	20s Complex 20-BH000240-0-0010 1-6 12/13/00	20s Complex 20-BH000288-0-0060 6-15 01/11/01	30s Complex 30-BH000213-0-0060 6-15 12/01/00	30s Complex 30-BH000230-0-0060 6-15 12/08/00	30s Complex 30-BH000462-0-0060 6-15 04/04/01
Semivolatile Organics (continued)					
Benzo(k)fluoranthene	ND(0.36)	ND(0.37) J	1.3	ND(0.37)	0.21 J
Benzyl Alcohol	ND(0.36)	ND(0.37) J	ND(0.51)	ND(0.37)	ND(0.40) J
bis(2-Chloroethoxy)methane	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
bis(2-Chloroethyl)ether	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
bis(2-Chloroisopropyl)ether	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
bis(2-Ethylhexyl)phthalate	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	0.16 J
Butylbenzylphthalate	ND(0.36)	ND(0.37) J	ND(0.51)	ND(0.37)	ND(0.40)
Chrysene	ND(0.36) J	ND(0.37) J	2.5	0.064 J	0.34 J
Diallate	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
Dibenzo(a,h)anthracene	ND(0.36)	ND(0.37)	0.47 J	ND(0.37)	0.060 J
Dibenzofuran	ND(0.36)	ND(0.37)	0.34 J	ND(0.37)	0.020 J
Diethylphthalate	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
Dimethylphthalate	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
Di-n-Butylphthalate	ND(0.36)	ND(0.37) J	ND(0.51)	ND(0.37)	ND(0.40)
Di-n-Octylphthalate	ND(0.36)	ND(0.37) J	ND(0.51)	ND(0.37)	ND(0.40)
Dinoseb	ND(0.73)	ND(0.74)	ND(1.0)	ND(0.74)	ND(0.40)
Ethyl Methanesulfonate	ND(0.36)	ND(0.37) J	ND(0.51) J	ND(0.37)	ND(0.40)
Fluoranthene	ND(0.36)	ND(0.37) J	3.9	ND(0.37)	0.36 J
Fluorene	ND(0.36)	ND(0.37)	0.61	ND(0.37)	0.026 J
Hexachlorobenzene	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
Hexachlorobutadiene	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
Hexachlorocyclopentadiene	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
Hexachloroethane	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
Hexachloropropene	ND(1.8)	ND(1.8)	ND(2.5)	ND(1.8)	ND(0.40)
Indeno(1,2,3-cd)pyrene	ND(0.36) J	ND(0.37)	0.98	ND(0.37)	0.15 J
Isophorone	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
Isosafrole	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
Methapyrilene	ND(1.8) J	ND(1.8) J	ND(2.5)	ND(1.8)	ND(0.40)
Methyl Methanesulfonate	ND(0.73)	ND(0.74) J	ND(1.0) J	ND(0.74)	ND(0.40)
Naphthalene	2.2	ND(0.37)	0.28 J	ND(0.37)	0.034 J
Nitrobenzene	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
N-Nitrosodiethylamine	ND(0.73)	ND(0.74)	ND(1.0) J	ND(0.74)	ND(0.40)
N-Nitrosodimethylamine	ND(0.36) J	ND(0.37) J	ND(0.51)	ND(0.37)	ND(0.40)
N-Nitroso-di-n-butylamine	ND(0.36)	ND(0.37) J	ND(0.51) J	ND(0.37)	ND(0.40)
N-Nitroso-di-n-propylamine	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
N-Nitrosodiphenylamine	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
N-Nitrosomethylethylamine	ND(0.73)	ND(0.74)	ND(1.0) J	ND(0.74)	ND(0.40)
N-Nitrosomorpholine	ND(0.73) J	ND(0.74) J	ND(1.0) J	ND(0.74)	ND(0.40)
N-Nitrosopiperidine	ND(0.36)	ND(0.37) J	ND(0.51) J	ND(0.37)	ND(0.40)
N-Nitrosopyrrolidine	ND(1.8) J	ND(1.8) J	ND(2.5) J	ND(1.8)	ND(0.40)
o-Toluidine	ND(0.36) J	ND(0.37)	ND(0.51) J	ND(0.37)	ND(0.40)
p-Dimethylaminoazobenzene	ND(0.73)	ND(0.74)	ND(1.0)	ND(0.74)	ND(0.40)
Pentachlorobenzene	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)
Pentachloroethane	NA	NA	NA	NA	ND(0.40)
Pentachloronitrobenzene	R	R	R	R	ND(0.40)
Pentachlorophenol	ND(1.8)	ND(1.8)	ND(2.5)	ND(1.8)	ND(1.0)
Phenacetin	ND(0.73)	ND(0.74) J	ND(1.0) J	ND(0.74)	ND(0.40)
Phenanthrene	ND(0.36)	ND(0.37) J	4.9	ND(0.37)	0.27 J
Phenol	ND(0.36)	ND(0.37)	0.19 J	ND(0.37)	0.10 J
Pronamide	ND(0.73)	ND(0.74)	ND(1.0)	ND(0.74)	ND(0.40)
Pyrene	ND(0.36)	ND(0.37) J	4.5	ND(0.37)	0.36 J
Pyridine	ND(0.73) J	ND(0.74)	ND(1.0)	ND(0.74)	ND(0.40)
Safrole	ND(0.36)	ND(0.37)	ND(0.51)	ND(0.37)	ND(0.40)

TABLE 2-6

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
EPA SOIL SAMPLING RESULTS FOR APPENDIX IX + 3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	20s Complex 20-BH000240-0-0010 1-6 12/13/00	20s Complex 20-BH000288-0-0060 6-15 01/11/01	30s Complex 30-BH000213-0-0060 6-15 12/01/00	30s Complex 30-BH000230-0-0060 6-15 12/08/00	30s Complex 30-BH000462-0-0060 6-15 04/04/01
Organochlorine Pesticides					
4,4'-DDD	ND(0.18)	ND(0.018) J	ND(0.026) J	ND(0.018) J	ND(0.041)
4,4'-DDE	ND(0.18)	ND(0.018) J	ND(0.026) J	ND(0.018) J	ND(0.041)
4,4'-DDT	ND(0.18)	ND(0.018)	ND(0.026) J	ND(0.018) J	ND(0.041)
Aldrin	ND(0.090)	ND(0.0092)	ND(0.013) J	ND(0.0092) J	ND(0.020)
Alpha-BHC	ND(0.090)	ND(0.0092)	ND(0.013) J	ND(0.0092) J	ND(0.020)
Alpha-Chlordane	NA	ND(0.0092) J	ND(0.013) J	ND(0.0092) J	NA
Beta-BHC	ND(0.090)	ND(0.0092)	ND(0.013) J	ND(0.0092) J	ND(0.020)
Delta-BHC	ND(0.090)	ND(0.0092)	ND(0.013) J	ND(0.0092) J	ND(0.020)
Dieldrin	ND(0.18)	ND(0.018)	ND(0.026) J	ND(0.018) J	ND(0.041)
Endosulfan I	ND(0.090)	ND(0.0092)	ND(0.013) J	ND(0.0092) J	ND(0.020)
Endosulfan II	ND(0.18)	ND(0.018)	ND(0.026) J	ND(0.018) J	ND(0.041) J
Endosulfan Sulfate	ND(0.18)	ND(0.018)	ND(0.026) J	ND(0.018) J	ND(0.041) J
Endrin	ND(0.18)	ND(0.018)	ND(0.026) J	ND(0.018) J	ND(0.041)
Endrin Aldehyde	ND(0.18)	ND(0.018)	ND(0.026) J	ND(0.018) J	ND(0.041) J
Gamma-BHC (Lindane)	ND(0.090)	ND(0.0092)	ND(0.013) J	ND(0.0092) J	ND(0.020)
Gamma-Chlordane	NA	ND(0.0092)	ND(0.013) J	ND(0.0092) J	NA
Heptachlor	ND(0.090)	ND(0.0092)	ND(0.013) J	ND(0.0092) J	ND(0.020)
Heptachlor Epoxide	ND(0.090)	ND(0.0092)	ND(0.013) J	ND(0.0092) J	ND(0.020)
Isodrin	ND(0.18)	NA	NA	NA	ND(0.020)
Kepone	ND(1.1)	NA	NA	NA	ND(0.020)
Methoxychlor	ND(0.90)	ND(0.092)	ND(0.13) J	ND(0.092) J	ND(0.20)
Technical Chlordane	ND(1.8)	NA	NA	NA	ND(0.20)
Toxaphene	ND(3.6)	ND(0.18)	ND(0.26) J	ND(0.18) J	ND(2.0)
Furans					
2,3,7,8-TCDF	0.0000037	0.000000096	NA	ND(0.000000043)	0.00000033
TCDFs (total)	0.000033	0.00000033	NA	ND(0.000000043)	0.0000028 J
1,2,3,7,8-PeCDF	0.0000021	0.00000010	NA	ND(0.000000024)	ND(0.00000024)
2,3,4,7,8-PeCDF	0.0000057	0.00000019	NA	ND(0.000000023)	ND(0.00000035)
PeCDFs (total)	0.000068	0.0000012	NA	0.000000040	0.0000031 J
1,2,3,4,7,8-HxCDF	0.000013	0.0000012	NA	ND(0.000000050)	ND(0.00000053)
1,2,3,6,7,8-HxCDF	0.0000028	0.00000022	NA	ND(0.000000048)	ND(0.00000037)
1,2,3,7,8,9-HxCDF	0.0000014	0.00000022	NA	ND(0.000000058)	ND(0.00000014)
2,3,4,6,7,8-HxCDF	0.0000050	0.00000024	NA	ND(0.000000053)	ND(0.00000037)
HxCDFs (total)	0.000073	0.0000032	NA	ND(0.000000052)	0.0000041 J
1,2,3,4,6,7,8-HpCDF	0.000014	0.0000011	NA	0.000000047	0.0000014 J
1,2,3,4,7,8,9-HpCDF	0.0000067	0.00000085	NA	ND(0.000000046)	ND(0.00000033)
HpCDFs (total)	0.000044	0.0000036	NA	ND(0.000000042)	0.0000026 J
OCDF	0.000060	0.0000040	NA	ND(0.000000098)	ND(0.0000016)
Total Furans	0.00028	0.000012	NA	0.000000040	0.000013
Dioxins					
2,3,7,8-TCDD	0.00000015	0.00000012	NA	0.00000011	0.0000010
TCDDs (total)	0.00000091	ND(0.00000030)	NA	ND(0.00000027)	0.0000010 J
1,2,3,7,8-PeCDD	0.00000021	ND(0.00000016)	NA	ND(0.000000053)	ND(0.00000015)
PeCDDs (total)	0.0000014	ND(0.00000047)	NA	ND(0.00000051)	0.00000015 J
1,2,3,4,7,8-HxCDD	0.00000013	ND(0.00000012)	NA	ND(0.000000061)	ND(0.00000014)
1,2,3,6,7,8-HxCDD	0.00000039	ND(0.00000012)	NA	ND(0.000000064)	ND(0.00000014)
1,2,3,7,8,9-HxCDD	0.00000021	ND(0.00000011)	NA	ND(0.000000058)	ND(0.00000013)
HxCDDs (total)	0.0000034	0.00000093	NA	ND(0.00000040)	0.00000018 J
1,2,3,4,6,7,8-HpCDD	0.0000047	0.0000026	NA	0.00000013	ND(0.00000080)
HpCDDs (total)	0.0000085	0.0000047	NA	0.00000013	0.0000014 J
OCDD	0.000040	0.000016	NA	0.00000037	ND(0.0000049)
Total Dioxins	0.000054	0.000022	NA	0.00000050	0.0000027
WHO TEF	0.0000062	0.00000056	NA	0.00000017	0.0000013

TABLE 2-6

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
EPA SOIL SAMPLING RESULTS FOR APPENDIX IX + 3 CONSTITUENTS

(Results in ppm dry weight)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	20s Complex 20-BH000240-0-0010 1-6 12/13/00	20s Complex 20-BH000288-0-0060 6-15 01/11/01	30s Complex 30-BH000213-0-0060 6-15 12/01/00	30s Complex 30-BH000230-0-0060 6-15 12/08/00	30s Complex 30-BH000462-0-0060 6-15 04/04/01
Inorganics						
Antimony		ND(0.600)	ND(0.650)	3.00 J	ND(0.640) J	1.80
Arsenic		5.90	7.00 J	9.50 J	0.940 J	13.4
Barium		30.5	18.1	56.2	13.9	28.2
Beryllium		0.400	0.300	0.560	0.250	ND(0.260)
Cadmium		0.0900	0.140	0.910	0.0300	0.810
Chromium		11.7	12.1	7.90 J	10.0 J	16.1
Cobalt		10.4	9.80	7.40	11.4	8.50
Copper		22.5	18.7	1360 J	24.5 J	29.7
Cyanide		ND(0.190)	ND(0.460) J	1.80 J	ND(0.380) J	ND(0.560)
Lead		1.90	8.90	180 J	0.100 J	27.7
Mercury		ND(0.0400)	ND(0.0400)	0.110	ND(0.0400)	ND(0.0200)
Nickel		18.6	17.7	23.2 J	22.1 J	15.5
Selenium		ND(0.150)	R	R	R	ND(0.450)
Silver		ND(0.0100) J	ND(0.100) J	0.150	0.0700 J	ND(0.280)
Sulfide		59.0 J	ND(27.1)	56.5 J	34.3 J	ND(9.00)
Thallium		ND(0.150)	ND(0.170) J	0.280	ND(0.150)	R
Tin		ND(2.10)	ND(0.910)	119 J	ND(2.10)	4.50 J
Vanadium		11.7	8.80	16.7	11.2	24.2
Zinc		63.9	48.3	1330	62.7	64.4

TABLE 2-6

GENERAL ELECTRIC COMPANY
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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
EPA SOIL SAMPLING RESULTS FOR APPENDIX IX + 3 CONSTITUENTS

(Results in ppm dry weight)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	30s Complex 30-BH000462-0-0100V 10-12 04/04/01	30s Complex 30-BH000463-0-0060 6-15 04/04/01	30s Complex 30-BH000463-0-0120V 12-13 04/04/01	30s Complex 30-BH000468-0-0060 6-15 04/05/01
Volatile Organics					
1,1,1,2-Tetrachloroethane		ND(0.0054)	NA	ND(1.2)	NA
1,1,1-Trichloroethane		ND(0.0054)	NA	ND(1.2)	NA
1,1,2,2-Tetrachloroethane		ND(0.0054) J	NA	ND(1.2)	NA
1,1,2-Trichloroethane		ND(0.0054)	NA	ND(1.2)	NA
1,1-Dichloroethane		ND(0.0054)	NA	ND(1.2)	NA
1,1-Dichloroethene		0.0016 J	NA	ND(1.2)	NA
1,2,3-Trichloropropane		ND(0.0054) J	NA	ND(1.2)	NA
1,2-Dibromo-3-chloropropane		ND(0.0054) J	NA	ND(1.2) J	NA
1,2-Dibromoethane		ND(0.0054)	NA	ND(1.2)	NA
1,2-Dichloroethane		ND(0.0054)	NA	ND(1.2)	NA
1,2-Dichloropropane		ND(0.0054)	NA	ND(1.2)	NA
1,4-Dioxane		R	NA	R	NA
2-Butanone		0.0062 J	NA	R	NA
2-Chloro-1,3-butadiene		ND(0.0054)	NA	ND(1.2)	NA
2-Hexanone		ND(0.0054) J	NA	ND(1.2) J	NA
3-Chloropropene		ND(0.0054)	NA	ND(1.2)	NA
4-Methyl-2-pentanone		ND(0.0054)	NA	ND(1.2)	NA
Acetone		0.044 J	NA	R	NA
Acrolein		R	NA	R	NA
Acrylonitrile		ND(0.0054)	NA	R	NA
Benzene		0.0012 J	NA	ND(1.2)	NA
Bromodichloromethane		ND(0.0054)	NA	ND(1.2)	NA
Bromoform		ND(0.0054)	NA	ND(1.2)	NA
Bromomethane		ND(0.0054)	NA	ND(1.2) J	NA
Carbon Disulfide		0.0056 J	NA	ND(1.2)	NA
Carbon Tetrachloride		ND(0.0054)	NA	ND(1.2)	NA
Chlorobenzene		ND(0.0054)	NA	ND(1.2)	NA
Chloroethane		ND(0.0054)	NA	ND(1.2)	NA
Chloroform		ND(0.0054)	NA	ND(1.2)	NA
Chloromethane		ND(0.0054)	NA	ND(1.2)	NA
cis-1,3-Dichloropropene		ND(0.0054)	NA	ND(1.2)	NA
Dibromochloromethane		ND(0.0054)	NA	ND(1.2)	NA
Dibromomethane		ND(0.0054)	NA	ND(1.2)	NA
Ethyl Methacrylate		ND(0.0054)	NA	ND(1.2)	NA
Ethylbenzene		ND(0.0054)	NA	ND(1.2)	NA
Freon 12		ND(0.0054)	NA	ND(1.2)	NA
Iodomethane		ND(0.0054)	NA	ND(1.2)	NA
Isobutanol		R	NA	R	NA
m&p-Xylene		ND(0.0054)	NA	ND(1.2)	NA
Methacrylonitrile		ND(0.0054)	NA	ND(1.2)	NA
Methyl Methacrylate		ND(0.0054)	NA	ND(1.2)	NA
Methylene Chloride		ND(0.0054)	NA	ND(1.2)	NA
o-Xylene		ND(0.0054)	NA	ND(1.2)	NA
Propionitrile		R	NA	R	NA
Styrene		ND(0.0054)	NA	ND(1.2)	NA
Tetrachloroethene		ND(0.0054)	NA	ND(1.2)	NA
Toluene		ND(0.0054)	NA	ND(1.2)	NA
trans-1,2-Dichloroethene		0.019 J	NA	ND(1.2)	NA
trans-1,3-Dichloropropene		ND(0.0054)	NA	ND(1.2)	NA
trans-1,4-Dichloro-2-butene		ND(0.0054) J	NA	ND(1.2)	NA
Trichloroethene		0.12 J	NA	ND(1.2)	NA
Trichlorofluoromethane		ND(0.0054)	NA	ND(1.2)	NA
Vinyl Acetate		ND(0.0054)	NA	ND(1.2)	NA
Vinyl Chloride		0.0082 J	NA	ND(1.2)	NA
Xylenes (total)		ND(0.0054)	NA	ND(1.2)	NA

TABLE 2-6

GENERAL ELECTRIC COMPANY
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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
EPA SOIL SAMPLING RESULTS FOR APPENDIX IX + 3 CONSTITUENTS

(Results in ppm dry weight)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	30s Complex 30-BH000462-0-0100V 10-12 04/04/01	30s Complex 30-BH000463-0-0060 6-15 04/04/01	30s Complex 30-BH000463-0-0120V 12-13 04/04/01	30s Complex 30-BH000468-0-0060 6-15 04/05/01
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		NA	ND(0.93)	NA	ND(1.6)
1,2,4-Trichlorobenzene		NA	ND(0.93)	NA	ND(1.6)
1,2-Dichlorobenzene		NA	ND(0.93)	NA	ND(1.6)
1,3,5-Trinitrobenzene		NA	ND(0.93)	NA	ND(1.6)
1,3-Dichlorobenzene		NA	ND(0.93)	NA	ND(1.6)
1,3-Dinitrobenzene		NA	ND(0.93)	NA	ND(1.6)
1,4-Dichlorobenzene		NA	ND(0.93)	NA	ND(1.6)
1,4-Naphthoquinone		NA	ND(0.93)	NA	ND(1.6)
1-Naphthylamine		NA	ND(0.93) J	NA	ND(1.6) J
2,3,4,6-Tetrachlorophenol		NA	ND(0.93)	NA	ND(1.6)
2,4,5-Trichlorophenol		NA	ND(2.3)	NA	ND(4.0)
2,4,6-Trichlorophenol		NA	ND(0.93)	NA	ND(1.6)
2,4-Dichlorophenol		NA	ND(0.93)	NA	ND(1.6)
2,4-Dimethylphenol		NA	ND(0.93) J	NA	ND(1.6) J
2,4-Dinitrophenol		NA	ND(2.3)	NA	ND(4.0)
2,4-Dinitrotoluene		NA	ND(0.93)	NA	ND(1.6)
2,6-Dichlorophenol		NA	ND(0.93)	NA	ND(1.6)
2,6-Dinitrotoluene		NA	ND(0.93)	NA	ND(1.6)
2-Acetylaminofluorene		NA	ND(0.93)	NA	ND(1.6)
2-Chloronaphthalene		NA	ND(0.93)	NA	ND(1.6)
2-Chlorophenol		NA	ND(0.93)	NA	ND(1.6)
2-Methylnaphthalene		NA	ND(0.93)	NA	ND(1.6)
2-Methylphenol		NA	ND(0.93)	NA	ND(1.6)
2-Naphthylamine		NA	ND(0.93)	NA	ND(1.6)
2-Nitroaniline		NA	ND(2.3)	NA	ND(4.0)
2-Nitrophenol		NA	ND(0.93)	NA	ND(1.6)
2-Picoline		NA	ND(0.93)	NA	ND(1.6)
3,3'-Dichlorobenzidine		NA	ND(0.93)	NA	ND(1.6)
3,3'-Dimethylbenzidine		NA	ND(0.93) J	NA	ND(1.6) J
3-Methylcholanthrene		NA	ND(0.93)	NA	ND(1.6)
3-Nitroaniline		NA	ND(2.3)	NA	ND(4.0)
4,6-Dinitro-2-methylphenol		NA	ND(2.3)	NA	ND(4.0)
4-Aminobiphenyl		NA	ND(0.93) J	NA	ND(1.6) J
4-Bromophenyl-phenylether		NA	ND(0.93)	NA	ND(1.6)
4-Chloro-3-Methylphenol		NA	ND(0.93)	NA	ND(1.6)
4-Chloroaniline		NA	ND(0.93)	NA	ND(1.6)
4-Chlorobenzilate		NA	ND(0.93)	NA	ND(1.6)
4-Chlorophenyl-phenylether		NA	ND(0.93)	NA	ND(1.6)
4-Methylphenol		NA	ND(0.93)	NA	ND(1.6)
4-Nitroaniline		NA	ND(2.3)	NA	ND(4.0)
4-Nitrophenol		NA	ND(2.3)	NA	ND(4.0)
4-Nitroquinoline-1-oxide		NA	R	NA	R
4-Phenylenediamine		NA	ND(0.93) J	NA	ND(1.6) J
5-Nitro-o-toluidine		NA	ND(0.93)	NA	ND(1.6)
7,12-Dimethylbenz(a)anthracene		NA	ND(0.93)	NA	ND(1.6)
a,a'-Dimethylphenethylamine		NA	ND(0.93)	NA	ND(1.6)
Acenaphthene		NA	ND(0.93)	NA	0.28 J
Acenaphthylene		NA	ND(0.93)	NA	ND(1.6)
Acetophenone		NA	ND(0.93)	NA	ND(1.6)
Aniline		NA	R	NA	R
Anthracene		NA	ND(0.93)	NA	ND(1.6)
Aramite		NA	ND(0.93)	NA	ND(1.6)
Azobenzene		NA	ND(0.93)	NA	ND(1.6)
Benzo(a)anthracene		NA	0.14 J	NA	0.10 J
Benzo(a)pyrene		NA	0.11 J	NA	ND(1.6)
Benzo(b)fluoranthene		NA	0.14 J	NA	ND(1.6)
Benzo(g,h,i)perylene		NA	0.053 J	NA	ND(1.6)

TABLE 2-6

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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
EPA SOIL SAMPLING RESULTS FOR APPENDIX IX + 3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: Sample ID: Sample Depth(Feet): Parameter Date Collected:	30s Complex 30-BH000462-0-0100V 10-12 04/04/01	30s Complex 30-BH000463-0-0060 6-15 04/04/01	30s Complex 30-BH000463-0-0120V 12-13 04/04/01	30s Complex 30-BH000468-0-0060 6-15 04/05/01
Semivolatile Organics (continued)				
Benzo(k)fluoranthene	NA	0.12 J	NA	ND(1.6)
Benzyl Alcohol	NA	ND(0.93)	NA	ND(1.6)
bis(2-Chloroethoxy)methane	NA	ND(0.93)	NA	ND(1.6)
bis(2-Chloroethyl)ether	NA	ND(0.93)	NA	ND(1.6)
bis(2-Chloroisopropyl)ether	NA	ND(0.93)	NA	ND(1.6)
bis(2-Ethylhexyl)phthalate	NA	0.26 J	NA	0.27 J
Butylbenzylphthalate	NA	ND(0.93)	NA	ND(1.6)
Chrysene	NA	0.22 J	NA	0.12 J
Diallate	NA	ND(0.93)	NA	ND(1.6)
Dibenzo(a,h)anthracene	NA	ND(0.93)	NA	ND(1.6)
Dibenzofuran	NA	ND(0.93)	NA	ND(1.6)
Diethylphthalate	NA	ND(0.93)	NA	ND(1.6)
Dimethylphthalate	NA	ND(0.93)	NA	ND(1.6)
Di-n-Butylphthalate	NA	ND(0.93)	NA	ND(1.6)
Di-n-Octylphthalate	NA	ND(0.93)	NA	ND(1.6)
Dinoseb	NA	ND(0.93)	NA	ND(1.6)
Ethyl Methanesulfonate	NA	ND(0.93)	NA	ND(1.6)
Fluoranthene	NA	0.31 J	NA	0.093 J
Fluorene	NA	ND(0.93)	NA	ND(1.6)
Hexachlorobenzene	NA	ND(0.93)	NA	ND(1.6)
Hexachlorobutadiene	NA	ND(0.93)	NA	ND(1.6)
Hexachlorocyclopentadiene	NA	ND(0.93)	NA	ND(1.6)
Hexachloroethane	NA	ND(0.93)	NA	ND(1.6)
Hexachloropropene	NA	ND(0.93)	NA	ND(1.6)
Indeno(1,2,3-cd)pyrene	NA	0.097 J	NA	ND(1.6)
Isophorone	NA	ND(0.93)	NA	ND(1.6)
Isosafrole	NA	ND(0.93)	NA	ND(1.6)
Methapyrilene	NA	ND(0.93)	NA	ND(1.6)
Methyl Methanesulfonate	NA	ND(0.93)	NA	ND(1.6)
Naphthalene	NA	ND(0.93)	NA	ND(1.6)
Nitrobenzene	NA	ND(0.93)	NA	ND(1.6)
N-Nitrosodiethylamine	NA	ND(0.93)	NA	ND(1.6)
N-Nitrosodimethylamine	NA	ND(0.93)	NA	ND(1.6)
N-Nitroso-di-n-butylamine	NA	ND(0.93)	NA	ND(1.6)
N-Nitroso-di-n-propylamine	NA	ND(0.93)	NA	ND(1.6)
N-Nitrosodiphenylamine	NA	ND(0.93)	NA	ND(1.6)
N-Nitrosomethylethylamine	NA	ND(0.93)	NA	ND(1.6)
N-Nitrosomorpholine	NA	ND(0.93)	NA	ND(1.6)
N-Nitrosopiperidine	NA	ND(0.93)	NA	ND(1.6)
N-Nitrosopyrrolidine	NA	ND(0.93)	NA	ND(1.6)
o-Toluidine	NA	ND(0.93)	NA	ND(1.6)
p-Dimethylaminoazobenzene	NA	ND(0.93)	NA	ND(1.6)
Pentachlorobenzene	NA	ND(0.93)	NA	ND(1.6)
Pentachloroethane	NA	ND(0.93)	NA	ND(1.6)
Pentachloronitrobenzene	NA	ND(0.93)	NA	ND(1.6)
Pentachlorophenol	NA	ND(2.3)	NA	ND(4.0)
Phenacetin	NA	ND(0.93)	NA	ND(1.6)
Phenanthrene	NA	ND(0.93)	NA	ND(1.6)
Phenol	NA	ND(0.93)	NA	0.18 J
Pronamide	NA	ND(0.93)	NA	ND(1.6)
Pyrene	NA	0.37 J	NA	0.40 J
Pyridine	NA	ND(0.93)	NA	ND(1.6)
Safrole	NA	ND(0.93)	NA	ND(1.6)

TABLE 2-6

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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
EPA SOIL SAMPLING RESULTS FOR APPENDIX IX + 3 CONSTITUENTS

(Results in ppm dry weight)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	30s Complex 30-BH000462-0-0100V 10-12 04/04/01	30s Complex 30-BH000463-0-0060 6-15 04/04/01	30s Complex 30-BH000463-0-0120V 12-13 04/04/01	30s Complex 30-BH000468-0-0060 6-15 04/05/01
Organochlorine Pesticides					
4,4'-DDD		NA	ND(0.95)	NA	ND(2.0)
4,4'-DDE		NA	ND(0.95)	NA	ND(2.0)
4,4'-DDT		NA	ND(0.95)	NA	ND(2.0)
Aldrin		NA	ND(0.48)	NA	ND(1.0)
Alpha-BHC		NA	ND(0.48)	NA	ND(1.0)
Alpha-Chlordane		NA	NA	NA	NA
Beta-BHC		NA	ND(0.48)	NA	ND(1.0)
Delta-BHC		NA	ND(0.48)	NA	ND(1.0)
Dieldrin		NA	ND(0.95)	NA	ND(2.0)
Endosulfan I		NA	ND(0.48)	NA	ND(1.0)
Endosulfan II		NA	ND(0.95) J	NA	ND(2.0) J
Endosulfan Sulfate		NA	ND(0.95) J	NA	ND(2.0) J
Endrin		NA	ND(0.95)	NA	ND(2.0)
Endrin Aldehyde		NA	ND(0.95) J	NA	ND(2.0) J
Gamma-BHC (Lindane)		NA	ND(0.48)	NA	ND(1.0)
Gamma-Chlordane		NA	NA	NA	NA
Heptachlor		NA	ND(0.48)	NA	ND(1.0)
Heptachlor Epoxide		NA	ND(0.48)	NA	ND(1.0)
Isodrin		NA	ND(0.48)	NA	ND(1.0)
Kepone		NA	ND(0.48)	NA	R
Methoxychlor		NA	ND(4.8)	NA	ND(10)
Technical Chlordane		NA	ND(4.8)	NA	ND(10)
Toxaphene		NA	ND(48)	NA	ND(100)
Furans					
2,3,7,8-TCDF		NA	0.0000012 J	NA	0.0000044
TCDFs (total)		NA	0.000012 J	NA	0.000021 J
1,2,3,7,8-PeCDF		NA	0.00000089 J	NA	0.0000045 J
2,3,4,7,8-PeCDF		NA	0.0000021 J	NA	0.000014
PeCDFs (total)		NA	0.000021 J	NA	0.000061 J
1,2,3,4,7,8-HxCDF		NA	0.0000042	NA	0.000036
1,2,3,6,7,8-HxCDF		NA	0.0000014 J	NA	0.0000077
1,2,3,7,8,9-HxCDF		NA	0.00000081 J	NA	0.0000091
2,3,4,6,7,8-HxCDF		NA	0.0000022 J	NA	0.0000079
HxCDFs (total)		NA	0.000033 J	NA	0.00011 J
1,2,3,4,6,7,8-HpCDF		NA	0.000028	NA	0.000028
1,2,3,4,7,8,9-HpCDF		NA	0.0000027 J	NA	0.000022
HpCDFs (total)		NA	0.000054 J	NA	0.000098 J
OCDF		NA	0.000025	NA	0.00013
Total Furans		NA	0.00015	NA	0.00042
Dioxins					
2,3,7,8-TCDD		NA	ND(0.00000054)	NA	ND(0.00000058)
TCDDs (total)		NA	0.00000061 J	NA	0.0000050 J
1,2,3,7,8-PeCDD		NA	ND(0.00000045)	NA	ND(0.00000061)
PeCDDs (total)		NA	0.0000017 J	NA	0.0000080 J
1,2,3,4,7,8-HxCDD		NA	ND(0.00000036)	NA	ND(0.00000043)
1,2,3,6,7,8-HxCDD		NA	0.0000016 J	NA	0.0000015 J
1,2,3,7,8,9-HxCDD		NA	ND(0.00000068)	NA	ND(0.00000068)
HxCDDs (total)		NA	0.000012 J	NA	0.000012 J
1,2,3,4,6,7,8-HpCDD		NA	0.000040	NA	0.000032
HpCDDs (total)		NA	0.000071 J	NA	0.000058 J
OCDD		NA	0.00024	NA	0.00021
Total Dioxins		NA	0.00033	NA	0.00029
WHO TEF		NA	0.0000035	NA	0.000015

TABLE 2-6

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(Results in ppm dry weight)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	30s Complex 30-BH000462-0-0100V 10-12 04/04/01	30s Complex 30-BH000463-0-0060 6-15 04/04/01	30s Complex 30-BH000463-0-0120V 12-13 04/04/01	30s Complex 30-BH000468-0-0060 6-15 04/05/01
Inorganics					
Antimony		NA	1.10	NA	0.710
Arsenic		NA	11.0	NA	10.0
Barium		NA	53.6	NA	59.0
Beryllium		NA	ND(0.330)	NA	0.790
Cadmium		NA	0.480	NA	0.310
Chromium		NA	12.2	NA	14.2
Cobalt		NA	7.90	NA	7.40
Copper		NA	42.7	NA	47.5
Cyanide		NA	ND(0.650)	NA	ND(0.590)
Lead		NA	31.0	NA	10.2
Mercury		NA	0.430	NA	0.390
Nickel		NA	21.3	NA	20.6
Selenium		NA	2.20	NA	0.630
Silver		NA	ND(0.300)	NA	ND(0.280)
Sulfide		NA	13.0	NA	9.40
Thallium		NA	R	NA	ND(0.480)
Tin		NA	1.50 J	NA	1.00 J
Vanadium		NA	20.2	NA	17.3
Zinc		NA	63.8	NA	37.3

TABLE 2-6

GENERAL ELECTRIC COMPANY
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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
EPA SOIL SAMPLING RESULTS FOR APPENDIX IX + 3 CONSTITUENTS

(Results in ppm dry weight)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	30s Complex 30-BH000468-0-0120V 12-14 04/05/01	30s Complex 30-BH000469-0-0010 1-6 04/05/01	30s Complex 30-BH000469-0-0040V 4-6 04/05/01	30s Complex 30-BH000470-0-0060 6-15 04/05/01
Volatile Organics					
1,1,1,2-Tetrachloroethane		ND(1.0)	NA	ND(0.0052)	NA
1,1,1-Trichloroethane		ND(1.0)	NA	0.0026 J	NA
1,1,2,2-Tetrachloroethane		ND(1.0)	NA	ND(0.0052) J	NA
1,1,2-Trichloroethane		ND(1.0)	NA	ND(0.0052)	NA
1,1-Dichloroethane		ND(1.0)	NA	ND(0.0052)	NA
1,1-Dichloroethene		ND(1.0)	NA	ND(0.0052)	NA
1,2,3-Trichloropropane		ND(1.0)	NA	ND(0.0052) J	NA
1,2-Dibromo-3-chloropropane		ND(1.0) J	NA	ND(0.0052) J	NA
1,2-Dibromoethane		ND(1.0)	NA	ND(0.0052)	NA
1,2-Dichloroethane		ND(1.0)	NA	ND(0.0052)	NA
1,2-Dichloropropane		ND(1.0)	NA	ND(0.0052)	NA
1,4-Dioxane		R	NA	ND(0.26)	NA
2-Butanone		R	NA	0.013 J	NA
2-Chloro-1,3-butadiene		ND(1.0)	NA	ND(0.0052)	NA
2-Hexanone		ND(1.0) J	NA	ND(0.0052) J	NA
3-Chloropropene		ND(1.0)	NA	ND(0.0052)	NA
4-Methyl-2-pentanone		ND(1.0)	NA	ND(0.0052) J	NA
Acetone		ND(1.5)	NA	0.19 J	NA
Acrolein		R	NA	ND(0.0053)	NA
Acrylonitrile		R	NA	ND(0.0052)	NA
Benzene		ND(1.0)	NA	0.0012 J	NA
Bromodichloromethane		ND(1.0)	NA	ND(0.0052)	NA
Bromoform		ND(1.0)	NA	ND(0.0052)	NA
Bromomethane		ND(1.0) J	NA	ND(0.0052)	NA
Carbon Disulfide		ND(1.0)	NA	0.0040 J	NA
Carbon Tetrachloride		ND(1.0)	NA	ND(0.0052)	NA
Chlorobenzene		ND(1.0)	NA	ND(0.0052)	NA
Chloroethane		ND(1.0)	NA	ND(0.0052)	NA
Chloroform		ND(1.0)	NA	ND(0.0052)	NA
Chloromethane		ND(1.0)	NA	ND(0.0052)	NA
cis-1,3-Dichloropropene		ND(1.0)	NA	ND(0.0052)	NA
Dibromochloromethane		ND(1.0)	NA	ND(0.0052)	NA
Dibromomethane		ND(1.0)	NA	ND(0.0052)	NA
Ethyl Methacrylate		ND(1.0)	NA	ND(0.0052)	NA
Ethylbenzene		ND(1.0)	NA	ND(0.0052)	NA
Freon 12		ND(1.0)	NA	ND(0.0052)	NA
Iodomethane		ND(1.0)	NA	ND(0.0052)	NA
Isobutanol		R	NA	ND(0.26)	NA
m&p-Xylene		ND(1.0)	NA	ND(0.0052)	NA
Methacrylonitrile		ND(1.0)	NA	ND(0.0052)	NA
Methyl Methacrylate		ND(1.0)	NA	ND(0.0052)	NA
Methylene Chloride		ND(1.0)	NA	ND(0.0052)	NA
o-Xylene		ND(1.0)	NA	ND(0.0052)	NA
Propionitrile		R	NA	ND(0.021)	NA
Styrene		ND(1.0)	NA	ND(0.0052)	NA
Tetrachloroethene		ND(1.0)	NA	0.013	NA
Toluene		ND(1.0)	NA	0.0026 J	NA
trans-1,2-Dichloroethene		ND(1.0)	NA	ND(0.0052)	NA
trans-1,3-Dichloropropene		ND(1.0)	NA	ND(0.0052)	NA
trans-1,4-Dichloro-2-butene		ND(1.0)	NA	ND(0.0052) J	NA
Trichloroethene		ND(1.0)	NA	0.0076	NA
Trichlorofluoromethane		ND(1.0)	NA	ND(0.0052)	NA
Vinyl Acetate		ND(1.0)	NA	ND(0.0052)	NA
Vinyl Chloride		ND(1.0)	NA	ND(0.0052)	NA
Xylenes (total)		ND(1.0)	NA	ND(0.0052)	NA

TABLE 2-6

GENERAL ELECTRIC COMPANY
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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
EPA SOIL SAMPLING RESULTS FOR APPENDIX IX + 3 CONSTITUENTS

(Results in ppm dry weight)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	30s Complex 30-BH000468-0-0120V 12-14 04/05/01	30s Complex 30-BH000469-0-0010 1-6 04/05/01	30s Complex 30-BH000469-0-0040V 4-6 04/05/01	30s Complex 30-BH000470-0-0060 6-15 04/05/01
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		NA	ND(0.36)	NA	ND(9.6)
1,2,4-Trichlorobenzene		NA	ND(0.36)	NA	ND(9.6)
1,2-Dichlorobenzene		NA	ND(0.36)	NA	ND(9.6)
1,3,5-Trinitrobenzene		NA	ND(0.36)	NA	ND(9.6)
1,3-Dichlorobenzene		NA	ND(0.36)	NA	ND(9.6)
1,3-Dinitrobenzene		NA	ND(0.36)	NA	ND(9.6)
1,4-Dichlorobenzene		NA	ND(0.36)	NA	0.84 J
1,4-Naphthoquinone		NA	ND(0.36)	NA	ND(9.6)
1-Naphthylamine		NA	ND(0.36)	NA	ND(9.6) J
2,3,4,6-Tetrachlorophenol		NA	ND(0.36)	NA	ND(9.6)
2,4,5-Trichlorophenol		NA	ND(0.92)	NA	ND(24)
2,4,6-Trichlorophenol		NA	ND(0.36)	NA	ND(9.6)
2,4-Dichlorophenol		NA	ND(0.36)	NA	ND(9.6)
2,4-Dimethylphenol		NA	ND(0.36) J	NA	ND(9.6) J
2,4-Dinitrophenol		NA	ND(0.92) J	NA	ND(24)
2,4-Dinitrotoluene		NA	ND(0.36)	NA	ND(9.6)
2,6-Dichlorophenol		NA	ND(0.36)	NA	ND(9.6)
2,6-Dinitrotoluene		NA	ND(0.36)	NA	ND(9.6)
2-Acetylaminofluorene		NA	ND(0.36)	NA	ND(9.6)
2-Chloronaphthalene		NA	ND(0.36)	NA	ND(9.6)
2-Chlorophenol		NA	ND(0.36)	NA	ND(9.6)
2-Methylnaphthalene		NA	0.23 J	NA	4.0 J
2-Methylphenol		NA	ND(0.36)	NA	ND(9.6)
2-Naphthylamine		NA	ND(0.36)	NA	ND(9.6)
2-Nitroaniline		NA	ND(0.92)	NA	ND(24)
2-Nitrophenol		NA	ND(0.36)	NA	ND(9.6)
2-Picoline		NA	ND(0.36)	NA	ND(9.6)
3,3'-Dichlorobenzidine		NA	ND(0.36)	NA	ND(9.6)
3,3'-Dimethylbenzidine		NA	ND(0.36)	NA	ND(9.6) J
3-Methylcholanthrene		NA	ND(0.36)	NA	ND(9.6)
3-Nitroaniline		NA	ND(0.92)	NA	ND(24)
4,6-Dinitro-2-methylphenol		NA	ND(0.92)	NA	ND(24)
4-Aminobiphenyl		NA	ND(0.36)	NA	ND(9.6) J
4-Bromophenyl-phenylether		NA	ND(0.36)	NA	ND(9.6)
4-Chloro-3-Methylphenol		NA	ND(0.36)	NA	ND(9.6)
4-Chloroaniline		NA	ND(0.36)	NA	ND(9.6)
4-Chlorobenzilate		NA	ND(0.36)	NA	ND(9.6)
4-Chlorophenyl-phenylether		NA	ND(0.36)	NA	ND(9.6)
4-Methylphenol		NA	0.019 J	NA	ND(9.6)
4-Nitroaniline		NA	ND(0.92)	NA	ND(24)
4-Nitrophenol		NA	ND(0.92) J	NA	ND(24)
4-Nitroquinoline-1-oxide		NA	ND(0.91)	NA	R
4-Phenylenediamine		NA	ND(0.36)	NA	ND(9.6) J
5-Nitro-o-toluidine		NA	ND(0.36)	NA	ND(9.6)
7,12-Dimethylbenz(a)anthracene		NA	ND(0.36)	NA	ND(9.6)
a,a'-Dimethylphenethylamine		NA	ND(0.36)	NA	ND(9.6)
Acenaphthene		NA	0.67	NA	3.6 J
Acenaphthylene		NA	0.064 J	NA	1.1 J
Acetophenone		NA	ND(0.052)	NA	ND(9.6)
Aniline		NA	ND(2.3)	NA	R
Anthracene		NA	0.94	NA	14
Aramite		NA	ND(0.36)	NA	ND(9.6)
Azobenzene		NA	ND(0.36)	NA	ND(9.6)
Benzo(a)anthracene		NA	1.9	NA	29
Benzo(a)pyrene		NA	1.8	NA	21
Benzo(b)fluoranthene		NA	1.7	NA	21
Benzo(g,h,i)perylene		NA	0.35 J	NA	3.1 J

TABLE 2-6

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
EPA SOIL SAMPLING RESULTS FOR APPENDIX IX + 3 CONSTITUENTS

(Results in ppm dry weight)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	30s Complex 30-BH000468-0-0120V 12-14 04/05/01	30s Complex 30-BH000469-0-0010 1-6 04/05/01	30s Complex 30-BH000469-0-0040V 4-6 04/05/01	30s Complex 30-BH000470-0-0060 6-15 04/05/01
Semivolatile Organics (continued)					
Benzo(k)fluoranthene		NA	1.8	NA	19
Benzyl Alcohol		NA	ND(0.36) J	NA	ND(9.6)
bis(2-Chloroethoxy)methane		NA	ND(0.36)	NA	ND(9.6)
bis(2-Chloroethyl)ether		NA	ND(0.36)	NA	ND(9.6)
bis(2-Chloroisopropyl)ether		NA	ND(0.36)	NA	ND(9.6)
bis(2-Ethylhexyl)phthalate		NA	0.095 J	NA	ND(9.6)
Butylbenzylphthalate		NA	ND(0.36)	NA	ND(9.6)
Chrysene		NA	1.9	NA	29
Diallate		NA	ND(0.36)	NA	ND(9.6)
Dibenzo(a,h)anthracene		NA	0.44	NA	4.4 J
Dibenzofuran		NA	0.47	NA	6.9 J
Diethylphthalate		NA	ND(0.36)	NA	ND(9.6)
Dimethylphthalate		NA	ND(0.36)	NA	ND(9.6)
Di-n-Butylphthalate		NA	ND(0.36)	NA	ND(9.6)
Di-n-Octylphthalate		NA	ND(0.36)	NA	ND(9.6)
Dinoseb		NA	ND(0.36)	NA	ND(9.6)
Ethyl Methanesulfonate		NA	ND(0.36)	NA	ND(9.6)
Fluoranthene		NA	4.9	NA	46
Fluorene		NA	0.53	NA	6.9 J
Hexachlorobenzene		NA	ND(0.36)	NA	ND(9.6)
Hexachlorobutadiene		NA	ND(0.36)	NA	ND(9.6)
Hexachlorocyclopentadiene		NA	ND(0.36)	NA	ND(9.6)
Hexachloroethane		NA	ND(0.36)	NA	ND(9.6)
Hexachloropropene		NA	ND(0.36)	NA	ND(9.6)
Indeno(1,2,3-cd)pyrene		NA	1.0	NA	11
Isophorone		NA	ND(0.36)	NA	2.2 J
Isosafrole		NA	ND(0.36)	NA	ND(9.6)
Methapyrilene		NA	ND(0.36)	NA	ND(9.6)
Methyl Methanesulfonate		NA	ND(0.36)	NA	ND(9.6)
Naphthalene		NA	0.34 J	NA	6.6 J
Nitrobenzene		NA	ND(0.36)	NA	ND(9.6)
N-Nitrosodiethylamine		NA	ND(0.36)	NA	ND(9.6)
N-Nitrosodimethylamine		NA	ND(0.36)	NA	ND(9.6)
N-Nitroso-di-n-butylamine		NA	ND(0.36)	NA	ND(9.6)
N-Nitroso-di-n-propylamine		NA	ND(0.36)	NA	ND(9.6)
N-Nitrosodiphenylamine		NA	ND(0.36)	NA	ND(9.6)
N-Nitrosomethylethylamine		NA	ND(0.36)	NA	ND(9.6)
N-Nitrosomorpholine		NA	ND(0.36)	NA	ND(9.6)
N-Nitrosopiperidine		NA	ND(0.36)	NA	ND(9.6)
N-Nitrosopyrrolidine		NA	ND(0.36)	NA	ND(9.6)
o-Toluidine		NA	ND(0.36)	NA	ND(9.6)
p-Dimethylaminoazobenzene		NA	ND(0.36)	NA	ND(9.6)
Pentachlorobenzene		NA	ND(0.36)	NA	ND(9.6)
Pentachloroethane		NA	ND(0.36)	NA	ND(9.6)
Pentachloronitrobenzene		NA	ND(0.36)	NA	ND(9.6)
Pentachlorophenol		NA	ND(0.92)	NA	ND(24)
Phenacetin		NA	ND(0.36)	NA	ND(9.6)
Phenanthrene		NA	5.1	NA	63
Phenol		NA	ND(0.36)	NA	0.44 J
Pronamide		NA	ND(0.36)	NA	ND(9.6)
Pyrene		NA	4.5	NA	42
Pyridine		NA	ND(0.36)	NA	ND(9.6)
Safrole		NA	ND(0.36)	NA	ND(9.6)

TABLE 2-6

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
EPA SOIL SAMPLING RESULTS FOR APPENDIX IX + 3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex 30-BH000468-0-0120V 12-14 04/05/01	30s Complex 30-BH000469-0-0010 1-6 04/05/01	30s Complex 30-BH000469-0-0040V 4-6 04/05/01	30s Complex 30-BH000470-0-0060 6-15 04/05/01
Organochlorine Pesticides				
4,4'-DDD	NA	ND(0.019)	NA	ND(2.0)
4,4'-DDE	NA	ND(0.019)	NA	ND(2.0)
4,4'-DDT	NA	ND(0.019)	NA	ND(2.0)
Aldrin	NA	ND(0.0094)	NA	ND(0.99)
Alpha-BHC	NA	ND(0.0094)	NA	ND(0.99)
Alpha-Chlordane	NA	NA	NA	NA
Beta-BHC	NA	ND(0.0094)	NA	ND(0.99)
Delta-BHC	NA	ND(0.0094)	NA	ND(0.99)
Dieldrin	NA	ND(0.019)	NA	ND(2.0)
Endosulfan I	NA	ND(0.0094)	NA	ND(0.99)
Endosulfan II	NA	ND(0.019) J	NA	ND(2.0) J
Endosulfan Sulfate	NA	ND(0.019) J	NA	ND(2.0) J
Endrin	NA	ND(0.019)	NA	ND(2.0)
Endrin Aldehyde	NA	ND(0.019) J	NA	ND(2.0) J
Gamma-BHC (Lindane)	NA	ND(0.0094)	NA	ND(0.99)
Gamma-Chlordane	NA	NA	NA	NA
Heptachlor	NA	ND(0.0094)	NA	ND(0.99)
Heptachlor Epoxide	NA	ND(0.0094)	NA	ND(0.99)
Isodrin	NA	ND(0.0094)	NA	ND(0.99)
Kepone	NA	ND(0.0094)	NA	R
Methoxychlor	NA	ND(0.094)	NA	ND(9.9)
Technical Chlordane	NA	ND(0.094)	NA	ND(9.9)
Toxaphene	NA	ND(0.94)	NA	ND(99)
Furans				
2,3,7,8-TCDF	NA	ND(0.00000011)	NA	0.0000041
TCDFs (total)	NA	0.00000011 J	NA	0.000026 J
1,2,3,7,8-PeCDF	NA	ND(0.00000030)	NA	0.0000028 J
2,3,4,7,8-PeCDF	NA	ND(0.00000028)	NA	0.0000079
PeCDFs (total)	NA	0.00000076 J	NA	0.000050 J
1,2,3,4,7,8-HxCDF	NA	ND(0.00000044)	NA	0.000021
1,2,3,6,7,8-HxCDF	NA	ND(0.00000037)	NA	0.0000050 J
1,2,3,7,8,9-HxCDF	NA	ND(0.00000014)	NA	0.0000039 J
2,3,4,6,7,8-HxCDF	NA	ND(0.00000042)	NA	0.0000058 J
HxCDFs (total)	NA	0.0000025 J	NA	0.00015 J
1,2,3,4,6,7,8-HpCDF	NA	0.0000015 J	NA	0.00021
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000020)	NA	0.000014
HpCDFs (total)	NA	0.0000015 J	NA	0.00043 J
OCDF	NA	ND(0.00000077)	NA	0.00019
Total Furans	NA	0.0000049	NA	0.00085
Dioxins				
2,3,7,8-TCDD	NA	ND(0.00000017)	NA	0.00000084 J
TCDDs (total)	NA	0.00000061 J	NA	0.000016 J
1,2,3,7,8-PeCDD	NA	ND(0.00000021)	NA	0.0000026 J
PeCDDs (total)	NA	0.00000047 J	NA	0.000016 J
1,2,3,4,7,8-HxCDD	NA	ND(0.00000025)	NA	0.0000018 J
1,2,3,6,7,8-HxCDD	NA	ND(0.00000026)	NA	0.000011
1,2,3,7,8,9-HxCDD	NA	ND(0.00000024)	NA	0.0000035 J
HxCDDs (total)	NA	0.0000010 J	NA	0.000065 J
1,2,3,4,6,7,8-HpCDD	NA	ND(0.0000011)	NA	0.00028
HpCDDs (total)	NA	0.0000021 J	NA	0.00048 J
OCDD	NA	ND(0.0000096)	NA	0.0026
Total Dioxins	NA	0.0000042	NA	0.0032
WHO TEF	NA	0.00000040	NA	0.000018

TABLE 2-6

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
EPA SOIL SAMPLING RESULTS FOR APPENDIX IX + 3 CONSTITUENTS

(Results in ppm dry weight)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	30s Complex 30-BH000468-0-0120V 12-14 04/05/01	30s Complex 30-BH000469-0-0010 1-6 04/05/01	30s Complex 30-BH000469-0-0040V 4-6 04/05/01	30s Complex 30-BH000470-0-0060 6-15 04/05/01
Inorganics					
Antimony		NA	0.650	NA	1.30
Arsenic		NA	8.70	NA	22.9
Barium		NA	45.1	NA	91.6
Beryllium		NA	ND(0.370)	NA	ND(0.630)
Cadmium		NA	0.640	NA	8.60
Chromium		NA	13.3	NA	16.8
Cobalt		NA	13.8	NA	14.8
Copper		NA	52.2	NA	53.8
Cyanide		NA	ND(0.520)	NA	ND(0.570)
Lead		NA	90.1	NA	190
Mercury		NA	0.360	NA	0.190
Nickel		NA	26.6	NA	24.2
Selenium		NA	ND(0.380)	NA	ND(0.420)
Silver		NA	ND(0.230)	NA	ND(0.260)
Sulfide		NA	ND(8.60)	NA	ND(9.00)
Thallium		NA	R	NA	ND(0.440)
Tin		NA	2.70 J	NA	42.9 J
Vanadium		NA	15.5	NA	21.5
Zinc		NA	109	NA	2440

TABLE 2-6

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
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(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex 30-BH000470-0-0140V 14-15 04/05/01	40s Complex 40-BH000278-0-0010 1-4 01/05/01	40s Complex 40-BH000473-0-0010 1-6 04/06/01	40s Complex 40-BH000473-0-0010V 1-2 04/06/01
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(2.1)	NA	NA	ND(0.0067)
1,1,1-Trichloroethane	ND(2.1)	NA	NA	ND(0.0067)
1,1,2,2-Tetrachloroethane	ND(2.1)	NA	NA	ND(0.0067)
1,1,2-Trichloroethane	ND(2.1)	NA	NA	ND(0.0067)
1,1-Dichloroethane	ND(2.1)	NA	NA	ND(0.0067)
1,1-Dichloroethene	ND(2.1)	NA	NA	ND(0.0067)
1,2,3-Trichloropropane	ND(2.1)	NA	NA	ND(0.0067)
1,2-Dibromo-3-chloropropane	ND(2.1)	NA	NA	ND(0.0067)
1,2-Dibromoethane	ND(2.1)	NA	NA	ND(0.0067)
1,2-Dichloroethane	ND(2.1)	NA	NA	ND(0.0067)
1,2-Dichloropropane	ND(2.1)	NA	NA	ND(0.0067)
1,4-Dioxane	R	NA	NA	R
2-Butanone	R	NA	NA	R
2-Chloro-1,3-butadiene	ND(2.1)	NA	NA	ND(0.0067)
2-Hexanone	ND(2.1) J	NA	NA	ND(0.0067) J
3-Chloropropene	ND(2.1)	NA	NA	ND(0.0067)
4-Methyl-2-pentanone	ND(2.1)	NA	NA	ND(0.0067) J
Acetone	ND(2.1) J	NA	NA	ND(0.039)
Acrolein	R	NA	NA	R
Acrylonitrile	ND(2.1)	NA	NA	ND(0.0067)
Benzene	ND(2.1)	NA	NA	ND(0.0067)
Bromodichloromethane	ND(2.1)	NA	NA	ND(0.0067)
Bromoform	ND(2.1)	NA	NA	ND(0.0067)
Bromomethane	ND(2.1)	NA	NA	ND(0.0067)
Carbon Disulfide	ND(2.1)	NA	NA	ND(0.0067)
Carbon Tetrachloride	ND(2.1)	NA	NA	ND(0.0067)
Chlorobenzene	ND(2.1)	NA	NA	ND(0.0067)
Chloroethane	ND(2.1)	NA	NA	ND(0.0067)
Chloroform	ND(2.1)	NA	NA	ND(0.0067)
Chloromethane	ND(2.1)	NA	NA	ND(0.0067)
cis-1,3-Dichloropropene	ND(2.1)	NA	NA	ND(0.0067)
Dibromochloromethane	ND(2.1)	NA	NA	ND(0.0067)
Dibromomethane	ND(2.1)	NA	NA	ND(0.0067)
Ethyl Methacrylate	ND(2.1)	NA	NA	ND(0.0067)
Ethylbenzene	ND(2.1)	NA	NA	ND(0.0067)
Freon 12	ND(2.1)	NA	NA	ND(0.0067)
Iodomethane	ND(2.1)	NA	NA	ND(0.0067)
Isobutanol	R	NA	NA	R
m&p-Xylene	ND(2.1)	NA	NA	ND(0.0067)
Methacrylonitrile	ND(2.1)	NA	NA	ND(0.0067)
Methyl Methacrylate	ND(2.1)	NA	NA	ND(0.0067)
Methylene Chloride	ND(2.1)	NA	NA	ND(0.0067)
o-Xylene	ND(2.1)	NA	NA	ND(0.0067)
Propionitrile	R	NA	NA	R
Styrene	ND(2.1)	NA	NA	ND(0.0067)
Tetrachloroethene	ND(2.1)	NA	NA	ND(0.0067)
Toluene	ND(2.1)	NA	NA	ND(0.0067)
trans-1,2-Dichloroethene	ND(2.1)	NA	NA	ND(0.0067)
trans-1,3-Dichloropropene	ND(2.1)	NA	NA	ND(0.0067)
trans-1,4-Dichloro-2-butene	ND(2.1)	NA	NA	ND(0.0067)
Trichloroethene	ND(2.1)	NA	NA	ND(0.0067)
Trichlorofluoromethane	ND(2.1)	NA	NA	ND(0.0067)
Vinyl Acetate	ND(2.1)	NA	NA	ND(0.0067)
Vinyl Chloride	ND(2.1)	NA	NA	ND(0.0067)
Xylenes (total)	ND(2.1)	NA	NA	ND(0.0067)

TABLE 2-6

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
EPA SOIL SAMPLING RESULTS FOR APPENDIX IX + 3 CONSTITUENTS

(Results in ppm dry weight)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	30s Complex 30-BH000470-0-0140V 14-15 04/05/01	40s Complex 40-BH000278-0-0010 1-4 01/05/01	40s Complex 40-BH000473-0-0010 1-6 04/06/01	40s Complex 40-BH000473-0-0010V 1-2 04/06/01
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		NA	ND(0.35)	ND(3.6)	NA
1,2,4-Trichlorobenzene		NA	ND(0.35)	ND(3.6)	NA
1,2-Dichlorobenzene		NA	ND(0.35)	ND(3.6)	NA
1,3,5-Trinitrobenzene		NA	ND(1.4)	ND(3.6)	NA
1,3-Dichlorobenzene		NA	ND(0.35)	ND(3.6)	NA
1,3-Dinitrobenzene		NA	ND(0.70)	ND(3.6)	NA
1,4-Dichlorobenzene		NA	ND(0.35)	ND(3.6)	NA
1,4-Naphthoquinone		NA	ND(1.7) J	ND(3.6)	NA
1-Naphthylamine		NA	ND(0.70)	ND(3.6) J	NA
2,3,4,6-Tetrachlorophenol		NA	ND(0.35)	ND(3.6)	NA
2,4,5-Trichlorophenol		NA	ND(1.7)	ND(9.1)	NA
2,4,6-Trichlorophenol		NA	ND(0.35)	ND(3.6)	NA
2,4-Dichlorophenol		NA	ND(0.35)	ND(3.6)	NA
2,4-Dimethylphenol		NA	ND(0.35)	ND(3.6) J	NA
2,4-Dinitrophenol		NA	ND(1.7)	ND(9.1)	NA
2,4-Dinitrotoluene		NA	ND(0.35)	ND(3.6)	NA
2,6-Dichlorophenol		NA	ND(0.35)	ND(3.6)	NA
2,6-Dinitrotoluene		NA	ND(0.35)	ND(3.6)	NA
2-Acetylaminofluorene		NA	ND(0.70)	ND(3.6)	NA
2-Chloronaphthalene		NA	ND(0.35)	ND(3.6)	NA
2-Chlorophenol		NA	ND(0.35)	ND(3.6)	NA
2-Methylnaphthalene		NA	ND(0.35)	ND(3.6)	NA
2-Methylphenol		NA	ND(0.35)	ND(3.6)	NA
2-Naphthylamine		NA	ND(0.70) J	ND(3.6)	NA
2-Nitroaniline		NA	ND(1.7)	ND(9.1)	NA
2-Nitrophenol		NA	ND(0.35)	ND(3.6)	NA
2-Picoline		NA	ND(0.35)	ND(3.6)	NA
3,3'-Dichlorobenzidine		NA	ND(0.70)	ND(3.6)	NA
3,3'-Dimethylbenzidine		NA	ND(1.7)	ND(3.6) J	NA
3-Methylcholanthrene		NA	ND(0.35)	ND(3.6)	NA
3-Nitroaniline		NA	ND(1.7)	ND(9.1)	NA
4,6-Dinitro-2-methylphenol		NA	ND(1.7)	ND(9.1)	NA
4-Aminobiphenyl		NA	ND(0.70)	ND(3.6) J	NA
4-Bromophenyl-phenylether		NA	ND(0.35)	ND(3.6)	NA
4-Chloro-3-Methylphenol		NA	ND(0.35)	ND(3.6)	NA
4-Chloroaniline		NA	ND(0.35)	ND(3.6)	NA
4-Chlorobenzilate		NA	ND(0.35)	ND(3.6)	NA
4-Chlorophenyl-phenylether		NA	ND(0.35)	ND(3.6)	NA
4-Methylphenol		NA	ND(0.35)	ND(3.6)	NA
4-Nitroaniline		NA	ND(1.7)	ND(9.1)	NA
4-Nitrophenol		NA	ND(1.7)	ND(9.1)	NA
4-Nitroquinoline-1-oxide		NA	R	R	NA
4-Phenylenediamine		NA	ND(1.4) J	ND(3.6) J	NA
5-Nitro-o-toluidine		NA	ND(0.70)	ND(3.6)	NA
7,12-Dimethylbenz(a)anthracene		NA	ND(0.70)	ND(3.6)	NA
a,a'-Dimethylphenethylamine		NA	ND(1.7)	ND(3.6)	NA
Acenaphthene		NA	ND(0.35)	ND(3.6)	NA
Acenaphthylene		NA	ND(0.35)	ND(3.6)	NA
Acetophenone		NA	ND(0.35)	ND(3.6)	NA
Aniline		NA	ND(0.35)	R	NA
Anthracene		NA	ND(0.35)	ND(3.6)	NA
Aramite		NA	ND(0.70) J	ND(3.6)	NA
Azobenzene		NA	NA	ND(3.6)	NA
Benzo(a)anthracene		NA	ND(0.35)	0.20 J	NA
Benzo(a)pyrene		NA	ND(0.35)	0.19 J	NA
Benzo(b)fluoranthene		NA	ND(0.35)	0.17 J	NA
Benzo(g,h,i)perylene		NA	ND(0.35)	ND(3.6)	NA

TABLE 2-6

GENERAL ELECTRIC COMPANY
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CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
EPA SOIL SAMPLING RESULTS FOR APPENDIX IX + 3 CONSTITUENTS

(Results in ppm dry weight)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	30s Complex 30-BH000470-0-0140V 14-15 04/05/01	40s Complex 40-BH000278-0-0010 1-4 01/05/01	40s Complex 40-BH000473-0-0010 1-6 04/06/01	40s Complex 40-BH000473-0-0010V 1-2 04/06/01
Semivolatile Organics (continued)				
Benzo(k)fluoranthene	NA	ND(0.35) J	0.16 J	NA
Benzyl Alcohol	NA	ND(0.35)	ND(3.6)	NA
bis(2-Chloroethoxy)methane	NA	ND(0.35)	ND(3.6)	NA
bis(2-Chloroethyl)ether	NA	ND(0.35)	ND(3.6)	NA
bis(2-Chloroisopropyl)ether	NA	ND(0.35)	ND(3.6)	NA
bis(2-Ethylhexyl)phthalate	NA	ND(0.35)	ND(3.6)	NA
Butylbenzylphthalate	NA	ND(0.35)	ND(3.6)	NA
Chrysene	NA	ND(0.35)	0.18 J	NA
Diallate	NA	ND(0.35)	ND(3.6)	NA
Dibenzo(a,h)anthracene	NA	ND(0.35)	ND(3.6)	NA
Dibenzofuran	NA	ND(0.35)	ND(3.6)	NA
Diethylphthalate	NA	ND(0.35)	ND(3.6)	NA
Dimethylphthalate	NA	ND(0.35)	ND(3.6)	NA
Di-n-Butylphthalate	NA	ND(0.35)	ND(3.6)	NA
Di-n-Octylphthalate	NA	ND(0.35)	ND(3.6)	NA
Dinoseb	NA	ND(0.70)	ND(3.6)	NA
Ethyl Methanesulfonate	NA	ND(0.35)	ND(3.6)	NA
Fluoranthene	NA	ND(0.35)	0.34 J	NA
Fluorene	NA	ND(0.35)	ND(3.6)	NA
Hexachlorobenzene	NA	ND(0.35)	ND(3.6)	NA
Hexachlorobutadiene	NA	ND(0.35)	ND(3.6)	NA
Hexachlorocyclopentadiene	NA	ND(0.35) J	ND(3.6)	NA
Hexachloroethane	NA	ND(0.35)	ND(3.6)	NA
Hexachloropropene	NA	ND(1.7)	ND(3.6)	NA
Indeno(1,2,3-cd)pyrene	NA	ND(0.35)	ND(3.6)	NA
Isophorone	NA	ND(0.35)	ND(3.6)	NA
Isosafrole	NA	ND(0.35)	ND(3.6)	NA
Methapyrilene	NA	ND(1.7)	ND(3.6)	NA
Methyl Methanesulfonate	NA	ND(0.70)	ND(3.6)	NA
Naphthalene	NA	ND(0.35)	ND(3.6)	NA
Nitrobenzene	NA	ND(0.35)	ND(3.6)	NA
N-Nitrosodiethylamine	NA	ND(0.70)	ND(3.6)	NA
N-Nitrosodimethylamine	NA	ND(0.35)	ND(3.6)	NA
N-Nitroso-di-n-butylamine	NA	ND(0.35)	ND(3.6)	NA
N-Nitroso-di-n-propylamine	NA	ND(0.35)	ND(3.6)	NA
N-Nitrosodiphenylamine	NA	ND(0.35)	ND(3.6)	NA
N-Nitrosomethylethylamine	NA	ND(0.70)	ND(3.6)	NA
N-Nitrosomorpholine	NA	ND(0.70)	ND(3.6)	NA
N-Nitrosopiperidine	NA	ND(0.35)	ND(3.6)	NA
N-Nitrosopyrrolidine	NA	ND(1.7)	ND(3.6)	NA
o-Toluidine	NA	ND(0.35)	ND(3.6)	NA
p-Dimethylaminoazobenzene	NA	ND(0.70)	ND(3.6)	NA
Pentachlorobenzene	NA	ND(0.35)	ND(3.6)	NA
Pentachloroethane	NA	NA	ND(3.6)	NA
Pentachloronitrobenzene	NA	R	ND(3.6)	NA
Pentachlorophenol	NA	ND(1.7)	ND(9.1)	NA
Phenacetin	NA	ND(0.70) J	ND(3.6)	NA
Phenanthrene	NA	ND(0.35)	ND(3.6)	NA
Phenol	NA	ND(0.35)	ND(3.6)	NA
Pronamide	NA	ND(0.70)	ND(3.6)	NA
Pyrene	NA	ND(0.35)	0.30 J	NA
Pyridine	NA	ND(0.70)	ND(3.6)	NA
Safrole	NA	ND(0.35)	ND(3.6)	NA

TABLE 2-6

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
EPA SOIL SAMPLING RESULTS FOR APPENDIX IX + 3 CONSTITUENTS

(Results in ppm dry weight)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	30s Complex 30-BH000470-0-0140V 14-15 04/05/01	40s Complex 40-BH000278-0-0010 1-4 01/05/01	40s Complex 40-BH000473-0-0010 1-6 04/06/01	40s Complex 40-BH000473-0-0010V 1-2 04/06/01
Organochlorine Pesticides					
4,4'-DDD		NA	ND(0.017)	ND(0.0037)	NA
4,4'-DDE		NA	ND(0.017)	ND(0.0037)	NA
4,4'-DDT		NA	ND(0.017)	ND(0.0037)	NA
Aldrin		NA	ND(0.0086)	ND(0.0019)	NA
Alpha-BHC		NA	ND(0.0086)	ND(0.0019)	NA
Alpha-Chlordane		NA	ND(0.0086)	NA	NA
Beta-BHC		NA	ND(0.0086)	ND(0.0019)	NA
Delta-BHC		NA	ND(0.0086)	ND(0.0019)	NA
Dieldrin		NA	ND(0.017)	ND(0.0037)	NA
Endosulfan I		NA	ND(0.0086)	ND(0.0019)	NA
Endosulfan II		NA	ND(0.017)	ND(0.0037) J	NA
Endosulfan Sulfate		NA	ND(0.017)	ND(0.0037) J	NA
Endrin		NA	ND(0.017)	ND(0.0037)	NA
Endrin Aldehyde		NA	ND(0.017)	ND(0.0037) J	NA
Gamma-BHC (Lindane)		NA	ND(0.0086)	ND(0.0019)	NA
Gamma-Chlordane		NA	ND(0.0086) J	NA	NA
Heptachlor		NA	ND(0.0086)	ND(0.0019)	NA
Heptachlor Epoxide		NA	ND(0.0086) J	ND(0.0019)	NA
Isodrin		NA	NA	ND(0.0019)	NA
Kepone		NA	NA	ND(0.0019)	NA
Methoxychlor		NA	ND(0.086)	ND(0.019)	NA
Technical Chlordane		NA	NA	ND(0.019)	NA
Toxaphene		NA	ND(0.17)	ND(0.19)	NA
Furans					
2,3,7,8-TCDF		NA	0.00000018	0.00000018 J	NA
TCDFs (total)		NA	0.00000084	0.0000031 J	NA
1,2,3,7,8-PeCDF		NA	0.000000081	ND(0.00000031)	NA
2,3,4,7,8-PeCDF		NA	0.00000018	0.00000051 J	NA
PeCDFs (total)		NA	0.0000014	0.0000041 J	NA
1,2,3,4,7,8-HxCDF		NA	0.00000017	ND(0.00000040)	NA
1,2,3,6,7,8-HxCDF		NA	0.00000014	ND(0.00000040)	NA
1,2,3,7,8,9-HxCDF		NA	ND(0.000000055)	ND(0.00000015)	NA
2,3,4,6,7,8-HxCDF		NA	0.00000011	0.00000050 J	NA
HxCDFs (total)		NA	0.0000011	0.0000035 J	NA
1,2,3,4,6,7,8-HpCDF		NA	0.00000021	0.00000090 J	NA
1,2,3,4,7,8,9-HpCDF		NA	ND(0.000000065)	ND(0.00000012)	NA
HpCDFs (total)		NA	0.00000041	0.0000014 J	NA
OCDF		NA	0.00000015	ND(0.00000046)	NA
Total Furans		NA	0.0000039	0.000012	NA
Dioxins					
2,3,7,8-TCDD		NA	ND(0.000000063)	ND(0.000000051)	NA
TCDDs (total)		NA	ND(0.00000030)	0.00000029 J	NA
1,2,3,7,8-PeCDD		NA	ND(0.000000048)	ND(0.00000017)	NA
PeCDDs (total)		NA	ND(0.00000041)	0.00000028 J	NA
1,2,3,4,7,8-HxCDD		NA	ND(0.000000064)	ND(0.00000011)	NA
1,2,3,6,7,8-HxCDD		NA	ND(0.000000067)	ND(0.00000020)	NA
1,2,3,7,8,9-HxCDD		NA	ND(0.000000060)	ND(0.00000013)	NA
HxCDDs (total)		NA	0.00000013	0.00000044 J	NA
1,2,3,4,6,7,8-HpCDD		NA	0.00000031	ND(0.00000071)	NA
HpCDDs (total)		NA	0.00000050	0.0000012 J	NA
OCDD		NA	0.0000013	0.0000030 J	NA
Total Dioxins		NA	0.0000019	0.0000052	NA
WHO TEF		NA	0.00000023	0.00000052	NA

TABLE 2-6

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES
EPA SOIL SAMPLING RESULTS FOR APPENDIX IX + 3 CONSTITUENTS

(Results in ppm dry weight)

Parameter	Removal Action Area: / Sample ID: / Sample Depth(Feet): / Date Collected:	30s Complex 30-BH000470-0-0140V 14-15 04/05/01	40s Complex 40-BH000278-0-0010 1-4 01/05/01	40s Complex 40-BH000473-0-0010 1-6 04/06/01	40s Complex 40-BH000473-0-0010V 1-2 04/06/01
Inorganics					
Antimony		NA	ND(0.590) J	0.920	NA
Arsenic		NA	2.20 J	7.00	NA
Barium		NA	23.5	41.3	NA
Beryllium		NA	0.290	ND(0.310)	NA
Cadmium		NA	0.120	0.520	NA
Chromium		NA	3.80 J	14.4	NA
Cobalt		NA	7.40	12.5	NA
Copper		NA	12.6	64.9	NA
Cyanide		NA	ND(0.380)	ND(0.540)	NA
Lead		NA	6.20	46.9	NA
Mercury		NA	ND(0.0300)	0.120	NA
Nickel		NA	13.3	23.4	NA
Selenium		NA	R	ND(0.410)	NA
Silver		NA	ND(0.0100) J	ND(0.250)	NA
Sulfide		NA	ND(26.1)	ND(8.50)	NA
Thallium		NA	0.180	R	NA
Tin		NA	ND(0.860)	3.30 J	NA
Vanadium		NA	7.10	14.7	NA
Zinc		NA	42.9	117	NA

Notes:

1. Sample collection and analysis performed by United States Environmental Protection Agency (EPA) Subcontractors. Results provided to GE under the Supplement to the Data Exchange Agreement letter, dated November 2, 1999.
2. NA - Not Analyzed - Results were not reported for this analyte.
3. ND - Analyte was not detected. The value in parentheses is the associated detection limit.
4. Total dioxins/furans determined as the sum of the total homolog concentrations; non-detect values considered as zero.
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. Definitions of data qualifiers not provided as part of data exchange. Result qualifiers as provided in prior EPA deliverables follow:
   J - Estimated Value.
   R - Rejected.

TABLE 4-1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES

COMPARISON OF DETECTED AIX+3 CONSTITUENTS TO INDUSTRIAL SCREENING PRGs - 20s COMPLEX
(Results in ppm, dry-weight)

Appendix IX+3 Constituent (see Note 2)	Maximum Detect	EPA Region 9 Industrial PRGs (see Note 3)	Constituent Retained for Further Evaluation? (see Note 4)
Volatile Organics			
2-Butanone	0.005	27,000	NO
Acetone	0.028	6,100	NO
Chlorobenzene	0.14	180	NO
Methylene Chloride	0.014	20	NO
Trichloroethene	0.013	6.1	NO
Semivolatile Organics			
1,4-Dichlorobenzene	0.052	7.3	NO
2-Methylnaphthalene	4.7	190	NO
Acenaphthylene	0.84	190	NO
Anthracene	0.58	220,000	NO
Benzo(a)anthracene	1.9	3.6	NO
Benzo(a)pyrene	1.8	0.36	**YES**
Benzo(b)fluoranthene	1.3	3.6	NO
Benzo(g,h,i)perylene	1.8	190	NO
Benzo(k)fluoranthene	2	36	NO
bis(2-Ethylhexyl)phthalate	0.13	210	NO
Butylbenzylphthalate	14	930	NO
Chrysene	3	360	NO
Fluoranthene	3.4	37,000	NO
Indeno(1,2,3-cd)pyrene	1.5	3.6	NO
Naphthalene	5.8	190	NO
Pentachlorobenzene	0.46	860	NO
Phenanthrene	4.1	190	NO
Pyrene	7.5	26,000	NO
Inorganics			
Arsenic	8.25	3	**YES**
Barium	230	100,000	NO
Beryllium	0.56	3,400	NO
Cadmium	1	930	NO
Chromium	17	450	NO
Cobalt	96	29,000	NO
Copper	310	70,000	NO
Cyanide	3.4	110,000	NO
Lead	77	1,000	NO
Mercury	0.88	560	NO
Nickel	34	37,000	NO
Selenium	2.5	9,400	NO
Sulfide	160	Not Listed	**YES**
Tin	0.54	100,000	NO
Vanadium	16	13,000	NO
Zinc	170	100,000	NO

Notes:

1. PRG = Preliminary Remediation Goal
2. Per Attachment F to SOW, comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. EPA Region 9 Industrial PRGs or, for certain PAHs, surrogate PRGs per Attachment F to SOW.
4. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE 4-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES

COMPARISON OF DETECTED AIX+3 CONSTITUENTS TO INDUSTRIAL SCREENING PRGs - 30s COMPLEX
(Results in ppm, dry-weight)

Appendix IX+3 Constituent (see Note 2)	Maximum Detect	EPA Region 9 Industrial PRGs (see Note 3)	Constituent Retained for Further Evaluation? (see Note 4)
Volatile Organics			
1,1,1-Trichloroethane	0.0026	1,400	NO
1,1-Dichloroethene	0.0016	0.12	NO
2-Butanone	0.013	27,000	NO
Acetone	0.19	6,100	NO
Benzene	0.016	1.4	NO
Carbon Disulfide	0.0056	1,200	NO
Methylene Chloride	0.053	20	NO
Tetrachloroethene	0.19	16	NO
Toluene	0.0026	520	NO
trans-1,2-Dichloroethene	0.019	210	NO
Trichloroethene	0.12	6.1	NO
Vinyl Chloride	0.0082	0.048	NO
Xylenes (total)	0.013	210	NO
Semivolatile Organics			
1,2,4-Trichlorobenzene	1.8	1,700	NO
1,4-Dichlorobenzene	0.84	7.3	NO
2,4-Dimethylphenol	2.5	21,000	NO
2-Methylnaphthalene	7.4	190	NO
4-Methylphenol	0.019	5,300	NO
Acenaphthene	3.6	28,000	NO
Acenaphthylene	1.1	190	NO
Acetophenone	0.53	1.6	NO
Aniline	2.1	530	NO
Anthracene	14	220,000	NO
Benzo(a)anthracene	29	3.6	**YES**
Benzo(a)pyrene	21	0.36	**YES**
Benzo(b)fluoranthene	21	3.6	**YES**
Benzo(g,h,i)perylene	3.1	190	NO
Benzo(k)fluoranthene	19	36	NO
bis(2-Ethylhexyl)phthalate	0.98	210	NO
Chrysene	29	360	NO
Dibenzo(a,h)anthracene	4.4	0.36	**YES**
Dibenzofuran	6.9	3,200	NO
Di-n-Butylphthalate	1.6	110,000	NO
Fluoranthene	46	37,000	NO
Fluorene	6.9	22,000	NO
Indeno(1,2,3-cd)pyrene	11	3.6	**YES**
Isophorone	2.2	3,200	NO
Naphthalene	6.6	190	NO
p-Dimethylaminoazobenzene	0.61	0.67 (See Note 5)	NO
Phenanthrene	63	190	NO
Phenol	68	100,000	NO
Pyrene	42	26,000	NO
Inorganics			
Antimony	6	750	NO
Arsenic	84	3	**YES**
Barium	255	100,000	NO
Beryllium	0.79	3,400	NO
Cadmium	8.6	930	NO
Chromium	23	450	NO
Cobalt	92	29,000	NO
Copper	965	70,000	NO
Cyanide	1.3	110,000	NO
Lead	2,000	1000	**YES**
Mercury	4.9	560	NO
Nickel	41	37,000	NO
Selenium	5.5	9,400	NO
Silver	1.4	9,400	NO
Sulfide	433.25	Not Listed	**YES**
Thallium	2.4	150	NO
Tin	81.5	100,000	NO
Vanadium	180	13,000	NO
Zinc	6,000	100,000	NO

Notes:

1. PRG = Preliminary Remediation Goal
2. Per Attachment F to SOW, comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. EPA Region 9 Industrial PRGs or, for certain PAHs, surrogate PRGs per Attachment F to SOW.
4. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.
5. The Practical Quantitation Limit for p-dimethylaminoazobenzene was used as the Screening PRG.

TABLE 4-3

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES

COMPARISON OF DETECTED AIX+3 CONSTITUENTS TO INDUSTRIAL SCREENING PRGs - 40s COMPLEX
(Results in ppm, dry-weight)

Appendix IX+3 Constituent (see Note 2)	Maximum Detect	EPA Region 9 Industrial PRGs (see Note 3)	Constituent Retained for Further Evaluation? (see Note 4)
Volatile Organics			
Acetone	0.011	6,100	NO
Methylene Chloride	0.006	20	NO
Semivolatile Organics			
Acenaphthene	2.6	28,000	NO
Anthracene	5.4	220,000	NO
Benzo(a)anthracene	17	3.6	**YES**
Benzo(a)pyrene	18	0.36	**YES**
Benzo(b)fluoranthene	16	3.6	**YES**
Benzo(g,h,i)perylene	18	190	NO
Benzo(k)fluoranthene	16	36	NO
bis(2-Ethylhexyl)phthalate	3.4	210	NO
Butylbenzylphthalate	1.6	930	NO
Chrysene	18	360	NO
Fluoranthene	33	37,000	NO
Fluorene	2.6	22,000	NO
Indeno(1,2,3-cd)pyrene	16	3.6	**YES**
Phenanthrene	32	190	NO
Phenol	2.8	100,000	NO
Pyrene	29	26,000	NO
Inorganics			
Antimony	0.92	750	NO
Arsenic	23	3	**YES**
Barium	110	100,000	NO
Beryllium	0.47	3,400	NO
Cadmium	0.585	930	NO
Chromium	180	450	NO
Cobalt	140	29,000	NO
Copper	13,000	70,000	NO
Cyanide	0.25	110,000	NO
Lead	1,700	1,000	**YES**
Mercury	4.9	560	NO
Nickel	130	37,000	NO
Selenium	0.75	9,400	NO
Silver	3.3	9,400	NO
Sulfide	73	Not Listed	**YES**
Thallium	0.615	150	NO
Tin	1,300	100,000	NO
Vanadium	24	13,000	NO
Zinc	2,600	100,000	NO

Notes:

1. PRG = Preliminary Remediation Goal
2. Per Attachment F to SOW, comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. EPA Region 9 Industrial PRGs or, for certain PAHs, surrogate PRGs per Attachment F to SOW.
4. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE 4-4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES

EVALUATION OF SELECT AIX+3 CONSTITUENTS - 20s COMPLEX (See Note 1)
(Results in ppm, dry-weight)

Appendix IX+3 Constituent	EPA Region 9 Industrial PRGs	Detection Frequency	Maximum Detect	1/2 Maximum Detection Limit for ND Samples	Number of ND Samples with 1/2 Detection Limit Greater than PRG
Volatile Organics					
1,2,3-Trichloropropane	0.0031	0/30	ND	0.0115	27
Semivolatile Organics					
3,3'-Dichlorobenzidine	6.7	0/30	ND	15	1
3,3'-Dimethylbenzidine	0.33	0/30	ND	15	30
4-Chlorobenzilate	11	0/31	ND	15	2
7,12-Dimethylbenz(a)anthracene	0.36	0/28	ND	6	26
Acetophenone	1.6	0/31	ND	3	2
Benzidine	0.013	0/29	ND	6	29
bis(2-Chloroethyl)ether	0.56	0/31	ND	3	6
Dibenzo(a,h)anthracene	0.36	0/28	ND	6	24
Hexachlorobenzene	1.9	0/31	ND	3	2
Indeno(1,2,3-cd)pyrene	3.6	4/28	1.5	6	1
N-Nitrosodiethylamine	0.02	0/31	ND	3	31
N-Nitrosodimethylamine	0.059	0/31	ND	15	31
N-Nitroso-di-n-butylamine	0.058	0/31	ND	6	31
N-Nitroso-di-n-propylamine	0.43	0/31	ND	6	17
N-Nitrosomethylethylamine	0.14	0/31	ND	4.55	31
N-Nitrosopyrrolidine	1.4	0/31	ND	6	6
p-Dimethylaminoazobenzene	0.67 (see Note 3)	0/31	ND	15	28

Notes:

1. The constituents included in this table have non-detect (ND) sample results where 1/2 the detection limit exceeds the applicable PRG. Evaluation excludes: 1) PCBs, 2) dioxins/furans, 3) constituents that were not detected and do not have a PRG, and 4) constituents where the maximum detected concentration exceeds its PRG.
2. ND = Constituent was not detected.
3. The PQL for p-dimethylaminoazobenzene was used as the screening PRG.
4. Constituents that have a Practical Quantitation Limit (PQL) that is two times greater than its PRG are identified in bold print.

TABLE 4-5

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES

EVALUATION OF SELECT AIX+3 CONSTITUENTS - 30s COMPLEX (See Note 1)
(Results in ppm, dry-weight)

Appendix IX+3 Constituent	EPA Region 9 Industrial PRGs	Detection Frequency	Maximum Detect	1/2 Maximum Detection Limit for ND Samples	Number of ND Samples with 1/2 Detection Limit Greater than PRG
Volatile Organics					
1,1,2,2-Tetrachloroethane	0.87	0/61	ND	1.05	1
1,1-Dichloroethene	0.12	1/61	0.0016	1.05	4
1,2,3-Trichloropropane	0.0031	0/61	ND	1.05	44
1,2-Dibromoethane	0.029	0/61	ND	1.05	4
1,2-Dichloroethane	0.76	0/61	ND	1.05	1
1,2-Dichloropropane	0.76	0/61	ND	1.05	1
Acrolein	0.34	0/57	ND	4.8	1
Acrylonitrile	0.49	0/59	ND	1.05	1
Carbon Tetrachloride	0.52	0/61	ND	1.05	2
Chloroform	0.52	0/61	ND	1.05	2
trans-1,4-Dichloro-2-butene	0.018	0/61	ND	1.05	5
Vinyl Chloride	0.048	1/61	0.0082	1.05	4
Semivolatile Organics					
1,2-Diphenylhydrazine	3.7	0/58	ND	4.1	2
3,3'-Dichlorobenzidine	6.7	0/63	ND	19.5	4
3,3'-Dimethylbenzidine	0.33	0/63	ND	19.5	59
4-Chlorobenzilate	11	0/65	ND	19.5	2
7,12-Dimethylbenz(a)anthracene	0.36	0/64	ND	8	59
Acetophenone	1.6	1/65	0.53	4.8	3
Benzidine	0.013	0/55	ND	9.5	55
bis(2-Chloroethyl)ether	0.56	0/65	ND	4.8	18
Hexachlorobenzene	1.9	0/65	ND	4.8	4
N-Nitrosodiethylamine	0.02	0/65	ND	4.8	62
N-Nitrosodimethylamine	0.059	0/65	ND	19.5	62
N-Nitroso-di-n-butylamine	0.058	0/65	ND	8.5	62
N-Nitroso-di-n-propylamine	0.43	0/65	ND	8	36
N-Nitrosomethylethylamine	0.14	0/65	ND	4.8	62
N-Nitrosopyrrolidine	1.4	0/65	ND	8	15
p-Dimethylaminoazobenzene	0.67 (See Note 3)	1/65	0.61	19.5	56
Pentachloronitrobenzene	12	0/62	ND	19.5	2
Pentachlorophenol	15	0/65	ND	19.5	2

Notes:

1. The constituents included in this table have non-detect (ND) sample results where 1/2 the detection limit exceeds the applicable PRG. Evaluation excludes: 1) PCBs, 2) dioxins/furans, 3) constituents that were not detected and do not have a PRG, and 4) constituents where the maximum detected concentration exceeds its PRG.
2. ND = Constituent was not detected.
3. The PQL for p-dimethylaminoazobenzene was used as the screening PRG.
4. Constituents that have a Practical Quantitation Limit (PQL) that is two times greater than its PRG are identified in bold print.

TABLE 4-6

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES

EVALUATION OF SELECT AIX+3 CONSTITUENTS - 40s COMPLEX (See Note 1)
(Results in ppm, dry-weight)

Appendix IX+3 Constituent	EPA Region 9 Industrial PRGs	Detection Frequency	Maximum Detect	1/2 Maximum Detection Limit for ND Samples	Number of ND Samples with 1/2 Detection Limit Greater than PRG
Volatile Organics					
1,2,3-Trichloropropane	0.0031	0/27	ND	0.0105	22
Semivolatile Organics					
3,3'-Dichlorobenzidine	6.7	0/27	ND	8	1
3,3'-Dimethylbenzidine	0.33	0/27	ND	8	27
7,12-Dimethylbenz(a)anthracene	0.36	0/27	ND	3.1	26
Acetophenone	1.6	0/27	ND	1.8	1
Benzidine	0.013	0/26	ND	3.1	26
bis(2-Chloroethyl)ether	0.56	0/27	ND	1.8	4
Dibenzo(a,h)anthracene	0.36	0/27	ND	3.1	25
N-Nitrosodiethylamine	0.02	0/27	ND	1.8	27
N-Nitrosodimethylamine	0.059	0/27	ND	8	27
N-Nitroso-di-n-butylamine	0.058	0/27	ND	3.1	27
N-Nitroso-di-n-propylamine	0.43	0/27	ND	3.1	16
N-Nitrosomethylethylamine	0.14	0/27	ND	1.8	27
N-Nitrosopyrrolidine	1.4	0/27	ND	3.1	4
p-Dimethylaminoazobenzene	0.67 (See Note 3)	0/27	ND	8	26

Notes:

1. The constituents included in this table have non-detect (ND) sample results where 1/2 the detection limit exceeds the applicable PRG. Evaluation excludes: 1) PCBs, 2) dioxins/furans, 3) constituents that were not detected and do not have a PRG, and 4) constituents where the maximum detected concentration exceeds its PRG.
2. ND = Constituent was not detected.
3. The PQL for p-dimethylaminoazobenzene was used as the screening PRG.
4. Constituents that have a Practical Quantitation Limit (PQL) that is two times greater than its PRG are identified in bold print.

TABLE 4-7

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES

EVALUATION OF DIOXIN/FURAN CONSTITUENTS - 20s COMPLEX
(Results in ppm, dry-weight)

	Detection Frequency	Maximum Detect	EPA Industrial PRG*	Constituent Retained for Further Evaluation?
20s COMPLEX - 0- TO 1- FOOT DEPTH INCREMENT				
Total TEQs (WHO TEFs)	14/14	2.10E-05	5.00E-03	NO

	Detection Frequency	Maximum Detect	EPA Industrial PRG*	Constituent Retained for Further Evaluation?
20s COMPLEX - 1- TO 15-FOOT DEPTH INCREMENT				
Total TEQs (WHO TEFs)	16/17	1.20E-04	2.00E-02	NO

Notes:

1. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF congeners.Where individual congeners were not detected, a value of 1/2 the analytical detection limit was used to calculate the TEQ concentrations.
2. * = PRG value is listed in ppm for comparison purposes.

TABLE 4-8

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES

EVALUATION OF DIOXIN/FURAN CONSTITUENTS - 30s COMPLEX
(Results in ppm, dry-weight)

	Detection Frequency	Maximum Detect	EPA Industrial PRG*	Constituent Retained for Further Evaluation?
30s COMPLEX - 0- TO 1-FOOT DEPTH INCREMENT				
Total TEQs (WHO TEFs)	24/24	2.80E-03	5.00E-03	NO

	Detection Frequency	Maximum Detect	EPA Industrial PRG*	Constituent Retained for Further Evaluation?
30s COMPLEX - 1- TO 15-FOOT DEPTH INCREMENT				
Total TEQs (WHO TEFs)	32/37	1.80E-05	2.00E-02	NO

Notes:

1. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF congeners.Where individual congeners were not detected, a value of 1/2 the analytical detection limit was used to calculate the TEQ concentrations.
2. * = PRG value is listed in ppm for comparison purposes.

TABLE 4-9

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES

EVALUATION OF DIOXIN/FURAN CONSTITUENTS - 40s COMPLEX
(Results in ppm, dry-weight)

	Detection Frequency	Maximum Detect	EPA Industrial PRG*	Constituent Retained for Further Evaluation?
40s COMPLEX - 0- TO 1-FOOT DEPTH INCREMENT				
Total TEQs (WHO TEFs)	11/11	2.10E-05	5.00E-03	NO

	Detection Frequency	Maximum Detect	EPA Industrial PRG*	Constituent Retained for Further Evaluation?
40s COMPLEX - 1- TO 15-FOOT DEPTH INCREMENT				
Total TEQs (WHO TEFs)	15/16	8.40E-06	2.00E-02	NO

Notes:

1. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF congeners.Where individual congeners were not detected, a value of 1/2 the analytical detection limit was used to calculate the TEQ concentrations.
2. * = PRG value is listed in ppm for comparison purposes.

TABLE 4-10

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUETTS
CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES

COMPARISON TO BACKGROUND DATA FOR SULFIDE
(Results in ppm, dry-weight)

Parameter	20s Complex	30s Complex	40s Complex	Background
Detection Frequency	17/29	35/59	13/26	16/64
Maximum Concentration	160	433	73	928
Median Concentration	9.4	8.2	7.9	116

1. Background data set for sulfide based on December 15, 2000 *Background Soil Data Assessment for the GE-Pittsfield/Housatonic River Site*, excluding data within approximate 10-year floodplain and data from locations downwind of former City-owned refuse incinerator.
2. Maximum sulfide concentration in 30s Complex (433 ppm) is based on average of sample result (810 ppm) and the result of a duplicate sample analysis (56.5 ppm).

TABLE 4-11

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES

COMPARISON TO METHOD 1 SOIL STANDARDS - 20s COMPLEX
0- TO 1-FOOT DEPTH INCREMENT
(Results in ppm, dry-weight)

Appendix IX+3 Constituent Evaluated (see Note 1)	Sample Detection Frequency	Maximum Sample Result	Arithmetic Average Concentration (see Note 2)	MCP Method 1 S-2 (GW-2/GW-3) Soil Standard	Average Exceeds Method 1 Standard?
Semivolatile Organics					
Benzo(a)pyrene	6/12	1.1	0.847	0.7	YES
Inorganics					
Arsenic	1/14	6.9	10.4	30	NO

Notes:

1. Constituents evaluated have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs.
2. Non-detect sample results included as 1/2 the detection limit in the calculation of arithmetic average concentrations.

TABLE 4-12

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES

COMPARISON TO METHOD 1 SOIL STANDARDS - 20s COMPLEX
1- TO 6-FOOT DEPTH INCREMENT
(Results in ppm, dry-weight)

Appendix IX+3 Constituent Evaluated (see Note 1)	Sample Detection Frequency	Maximum Sample Result	Arithmetic Average Concentration (see Note 2)	MCP Method 1 S-3 (GW-2/GW-3) Soil Standard	Average Exceeds Method 1 Standard?
Semivolatile Organics					
Benzo(a)pyrene	3/10	1.8	0.616	0.7	NO
Inorganics					
Arsenic	1/10	5.9	9.34	30	NO

Notes:

1. Constituents evaluated have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs.
2. Non-detect sample results included as 1/2 the detection limit in the calculation of arithmetic average concentrations.

TABLE 4-13

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES

COMPARISON TO METHOD 1 SOIL STANDARDS - 20s COMPLEX
0- TO 15-FOOT DEPTH INCREMENT
(Results in ppm, dry-weight)

Appendix IX+3 Constituent Evaluated (see Note 1)	Sample Detection Frequency	Maximum Sample Result	Arithmetic Average Concentration (see Note 2)	MCP Method 1 S-3 (GW-2/GW-3) Soil Standard	Average Exceeds Method 1 Standard?
Semivolatile Organics					
Benzo(a)pyrene	9/29	1.8	0.655	0.7	NO
Inorganics					
Arsenic	4/31	8.25	9.64	30	NO

Notes:

1. Constituents evaluated have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs.
2. Non-detect sample results included as 1/2 the detection limit in the calculation of arithmetic average concentrations.

TABLE 4-14

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES

COMPARISON TO METHOD 1 SOIL STANDARDS - 30s COMPLEX
0- TO 1-FOOT DEPTH INCREMENT
(Results in ppm, dry-weight)

Appendix IX+3 Constituent Evaluated (see Note 1)	Sample Detection Frequency	Maximum Sample Result	Arithmetic Average Concentration (see Note 2)	MCP Method 1 S-2 (GW-2/GW-3) Soil Standard	Average Exceeds Method 1 Standard?
Semivolatile Organics					
Benzo(a)anthracene	9/24	2.4	0.966	1	NO
Benzo(a)pyrene	8/24	2.5	0.990	0.7	**YES**
Benzo(b)fluoranthene	7/24	2.1	0.915	1	NO
Dibenzo(a,h)anthracene	3/24	2	1.43	0.7	**YES**
Indeno(1,2,3-cd)pyrene	3/24	2.9	1.54	1	**YES**
Inorganics					
Arsenic	2/24	31	10.1	30	NO
Lead	24/24	1100	118	600	NO

Notes:

1. Constituents evaluated have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs.
2. Non-detect sample results included as 1/2 the detection limit in the calculation of arithmetic average concentrations.

TABLE 4-15

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES

COMPARISON TO METHOD 1 SOIL STANDARDS - 30s COMPLEX
1- TO 6-FOOT DEPTH INCREMENT
(Results in ppm, dry-weight)

Appendix IX+3 Constituent Evaluated (see Note 1)	Sample Detection Frequency	Maximum Sample Result	Arithmetic Average Concentration (see Note 2)	MCP Method 1 S-3 (GW-2/GW-3) Soil Standard	Average Exceeds Method 1 Standard?
Semivolatile Organics					
Benzo(a)anthracene	2/15	1.9	0.690	4	NO
Benzo(a)pyrene	2/15	1.8	0.684	0.7	NO
Benzo(b)fluoranthene	2/15	1.7	0.695	4	NO
Dibenzo(a,h)anthracene	1/15	0.44	1.13	0.8	**YES**
Indeno(1,2,3-cd)pyrene	1/15	1	1.17	4	NO
Inorganics					
Arsenic	5/15	84	19.3	30	NO
Lead	15/15	2000	163	600	NO

Notes:

1. Constituents evaluated have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs.
2. Non-detect sample results included as 1/2 the detection limit in the calculation of arithmetic average concentrations.

TABLE 4-16

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES

COMPARISON TO METHOD 1 SOIL STANDARDS - 30s COMPLEX
0- TO 15-FOOT DEPTH INCREMENT
(Results in ppm, dry-weight)

Appendix IX+3 Constituent Evaluated (see Note 1)	Sample Detection Frequency	Maximum Sample Result	Arithmetic Average Concentration (see Note 2)	MCP Method 1 S-3 (GW-2/GW-3) Soil Standard	Average Exceeds Method 1 Standard?
Semivolatile Organics					
Benzo(a)anthracene	18/61	29	1.29	4	NO
Benzo(a)pyrene	16/61	21	1.13	0.7	**YES**
Benzo(b)fluoranthene	15/61	21	1.11	4	NO
Dibenzo(a,h)anthracene	8/61	4.4	1.14	0.8	**YES**
Indeno(1,2,3-cd)pyrene	10/61	11	1.31	4	NO
Inorganics					
Arsenic	17/61	84	13.4	30	NO
Lead	61/61	2000	98.2	600	NO

Notes:

1. Constituents evaluated have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs.
2. Non-detect sample results included as 1/2 the detection limit in the calculation of arithmetic average concentrations.

TABLE 4-17

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES

COMPARISON TO METHOD 1 SOIL STANDARDS - 40s COMPLEX
0- TO 1-FOOT DEPTH INCREMENT
(Results in ppm, dry-weight)

Appendix IX+3 Constituent Evaluated (see Note 1)	Sample Detection Frequency	Maximum Sample Result	Arithmetic Average Concentration (see Note 2)	MCP Method 1 S-2 (GW-2/GW-3) Soil Standard	Average Exceeds Method 1 Standard?
Semivolatile Organics					
Benzo(a)anthracene	4/11	17	1.84	1	YES
Benzo(a)pyrene	3/11	18	1.92	0.7	YES
Benzo(b)fluoranthene	3/11	16	1.73	1	YES
Indeno(1,2,3-cd)pyrene	1/11	16	1.90	1	YES
Inorganics					
Arsenic	1/11	23	11.6	30	NO
Lead	11/11	1700	274	600	NO

Notes:

1. Constituents evaluated have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs.
2. Non-detect sample results included as 1/2 the detection limit in the calculation of arithmetic average concentrations.

TABLE 4-18

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES

COMPARISON TO METHOD 1 SOIL STANDARDS - 40s COMPLEX
1- TO 6-FOOT DEPTH INCREMENT
(Results in ppm, dry-weight)

Appendix IX+3 Constituent Evaluated (see Note 1)	Sample Detection Frequency	Maximum Sample Result	Arithmetic Average Concentration (see Note 2)	MCP Method 1 S-3 (GW-2/GW-3) Soil Standard	Average Exceeds Method 1 Standard?
Semivolatile Organics					
Benzo(a)anthracene	4/10	0.94	0.469	4	NO
Benzo(a)pyrene	3/10	1.1	0.471	0.7	NO
Benzo(b)fluoranthene	3/10	0.82	0.428	4	NO
Indeno(1,2,3-cd)pyrene	0/10	ND	0.794	4	NO
Inorganics					
Arsenic	2/10	7	8.79	30	NO
Lead	10/10	300	53.9	600	NO

Notes:

1. Constituents evaluated have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs.
2. Non-detect sample results included as 1/2 the detection limit in the calculation of arithmetic average concentrations.

TABLE 4-19

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES

COMPARISON TO METHOD 1 SOIL STANDARDS - 40s COMPLEX
0- TO 15-FOOT DEPTH INCREMENT
(Results in ppm, dry-weight)

Appendix IX+3 Constituent Evaluated (see Note 1)	Sample Detection Frequency	Maximum Sample Result	Arithmetic Average Concentration (see Note 2)	MCP Method 1 S-3 (GW-2/GW-3) Soil Standard	Average Exceeds Method 1 Standard?
Semivolatile Organics					
Benzo(a)anthracene	8/27	17	1.02	4	NO
Benzo(a)pyrene	6/27	18	1.06	0.7	**YES**
Benzo(b)fluoranthene	6/27	16	0.97	4	NO
Indeno(1,2,3-cd)pyrene	1/27	16	1.25	4	NO
Inorganics					
Arsenic	5/27	23	10.5	30	NO
Lead	27/27	1700	169	600	NO

Notes:

1. Constituents evaluated have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs.
2. Non-detect sample results included as 1/2 the detection limit in the calculation of arithmetic average concentrations.

TABLE 4-20

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES

COMPARISON TO MCP UCLs - 20s COMPLEX
0- TO 15-FOOT DEPTH INCREMENT

Appendix IX+3 Constituent	MCP UCL (ppm)	Arithmetic Average (ppm) (See Note 3)
Semivolatile Organics		
Benzo(a)pyrene	100	0.655
Inorganics		
Arsenic	300	9.64

Notes:
1. MCP = Massachusetts Contingency Plan.
2. UCL = MCP Upper Concentration Limit for soil.
3. The arithmetic average includes detected concentrations and 1/2 the detection limit for samples having non-detect results.

TABLE 4-21

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES

COMPARISON TO MCP UCLs - 30s COMPLEX
0- TO 15-FOOT DEPTH INCREMENT

Appendix IX+3 Constituent	MCP UCL (ppm)	Arithmetic Average (ppm) (See Note 3)
Semivolatile Organics		
Benzo(a)anthracene	100	1.29
Benzo(a)pyrene	100	1.13
Benzo(b)fluoranthene	100	1.11
Dibenzo(a,h)anthracene	100	1.14
Indeno(1,2,3-cd)pyrene	100	1.31
Inorganics		
Arsenic	300	13.4
Lead	6,000	98.2

Notes:
1. MCP = Massachusetts Contingency Plan.
2. UCL = MCP Upper Concentration Limit for soil.
3. The arithmetic average includes detected concentrations and 1/2 the detection limit for samples having non-detect results.

TABLE 4-22

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
CONCEPTUAL RD/RA WORK PLAN FOR 20s, 30s, 40s COMPLEXES

COMPARISON TO MCP UCLs - 40s COMPLEX
0- TO 15-FOOT DEPTH INCREMENT

Appendix IX+3 Constituent	MCP UCL (ppm)	Arithmetic Average (ppm) (See Note 3)
Semivolatile Organics		
Benzo(a)anthracene	100	1.02
Benzo(a)pyrene	100	1.06
Benzo(b)fluoranthene	100	0.97
Indeno(1,2,3-cd)pyrene	100	1.25
Inorganics		
Arsenic	300	10.5
Lead	6,000	169

Notes:
1. MCP = Massachusetts Contingency Plan.
2. UCL = MCP Upper Concentration Limit for soil.
3. The arithmetic average includes detected concentrations and 1/2 the detection limit for samples having non-detect results.